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DELINEATION/REMEDATION WORKPLAN

OXY – SILVER NC-33 (Leak Date: 3/17/21)

Incident ID: NAPP2109159441

This delineation workplan and remediation proposal addresses the releases associated with Incident ID #NAPP2109159441.

The following information includes:

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

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

OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1 (PURPLE shade on diagram) will be excavated to a depth of 6 feet. The leak area near SP2 (ORANGE shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP3 and SP4 (BLUE shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP5 (GREEN shade on diagram) will be excavated to a depth of 4 feet. The leak area near SP6 (PINK shade on diagram) will be excavated to a depth of 1 foot.

OXY requests a variance to collect bottom and sidewall confirmation samples every 400 square feet. The estimated amount of soil to be excavated is 970 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.

Form C-141

Page 3

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2109159441
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?	3196 (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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.


Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NAPP2109159441
District RP	
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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: 5-19-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NAPP2109159441
District RP	
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Remediation Plan


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

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 5-19-21
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

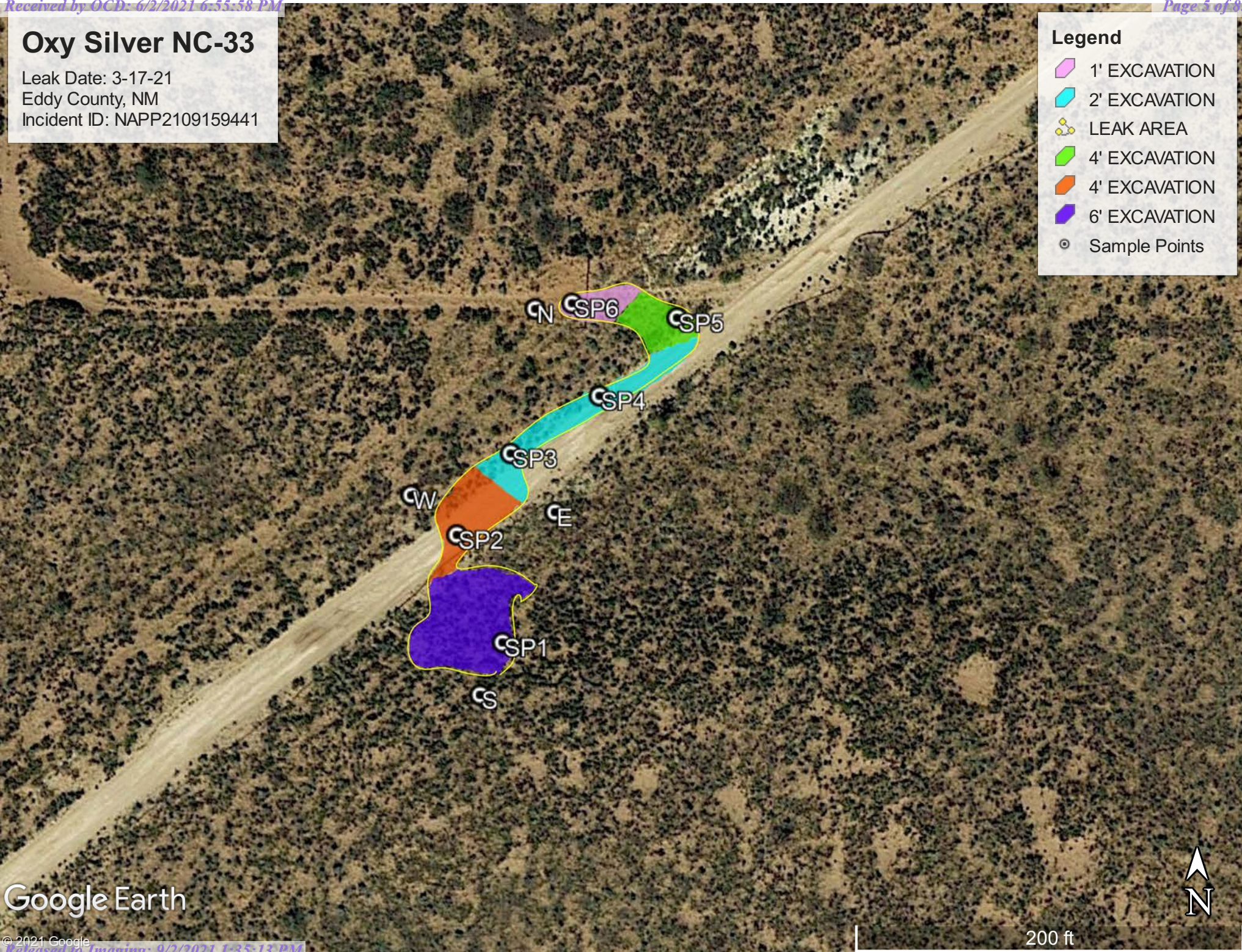
Signature: _____ Date: _____

Oxy Silver NC-33

Leak Date: 3-17-21
Eddy County, NM
Incident ID: NAPP2109159441

Legend

- 1' EXCAVATION
- 2' EXCAVATION
- LEAK AREA
- 4' EXCAVATION
- 4' EXCAVATION
- 6' EXCAVATION
- Sample Points



Google Earth

SAMPLE POINTS- SILVER NC 33(3-17-21)

SP1 N 32.264852° W-103.785080°

SP2 N 32.265004° W-103.785157°

SP3 N 32.265119° W-103.785067°

SP4 N 32.265200° W-103.784919°

SP5 N 32.265310° W-103.784789°

SP6 N 32.265331° W-103.784964°

SP N N 32.265323° W-103.785026°

SP E N 32.265036° W-103.784993°

SP S N 32.264778° W-103.785118°

SP W N 32.265060° W-103.785233°

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	4/13/21	4/13/21	4/13/21	4/13/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.483	0.467	0.519	1.04
Ethylbenzene	BTEX 8021B		0.154	0.176	0.161	0.279
Total Xylenes	BTEX 8021B		0.762	0.955	0.833	1.44
Total BTEX	BTEX 8021B		1.39	1.6	1.51	2.76
Chloride	SM4500Cl-B		<16.0	128.0	112.0	16.0
GRO	TPH 8015M		10.1	12.5	10.9	13.4
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'	SP1 @ 5'	SP1 @ 6'	SP1 @ 7'	SP1 @ 8'
Analyte	Method	Date	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.326	1.68	0.832	1.07	0.934	<0.50	<0.050	N/A	N/A
Toluene	BTEX 8021B		3.32	34.4	19	21.6	25.3	<0.50	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		1.25	24.4	14.7	15.6	17.7	<0.50	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		6.94	128	74	79.6	90.1	0.215	<0.050	N/A	N/A
Total BTEX	BTEX 8021B		11.8	189	109	118	134	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		32	32	<16.0	32.0	16.0	16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		338	4310	2510	2610	2750	19.9	<10.0	N/A	N/A
DRO	TPH 8015M		16600	18200	8510	8200	8230	513	12.1	N/A	N/A
EXT DRO	TPH 8015M		2760	2790	1170	1130	1130	92	<10.1	N/A	N/A

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'	SP2 @ 6'	SP2 @ 7'
Analyte	Method	Date	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.256	<0.050	<0.050	<0.500	<0.050	<0.050	<0.050	N/A
Toluene	BTEX 8021B		6.36	<0.050	<0.050	0.154	<0.050	<0.050	<0.050	N/A
Ethylbenzene	BTEX 8021B		4.61	<0.050	<0.050	0.266	<0.050	<0.050	<0.050	N/A
Total Xylenes	BTEX 8021B		23.3	<0.050	<0.050	1.8	<0.050	<0.050	<0.050	N/A
Total BTEX	BTEX 8021B		34.5	<0.300	<0.300	2.22	<0.300	<0.300	<0.300	N/A
Chloride	SM4500Cl-B		48	16	48.0	48.0	112.0	32.0	16.0	32
GRO	TPH 8015M		792	<10.0	<10.0	30.7	<10.0	<10.0	<10.0	N/A
DRO	TPH 8015M		12800	176	16.4	684	84.6	<10.0	12.1	N/A
EXT DRO	TPH 8015M		2380	26.7	<10.0	77.9	<10.0	<10.0	<10.1	N/A

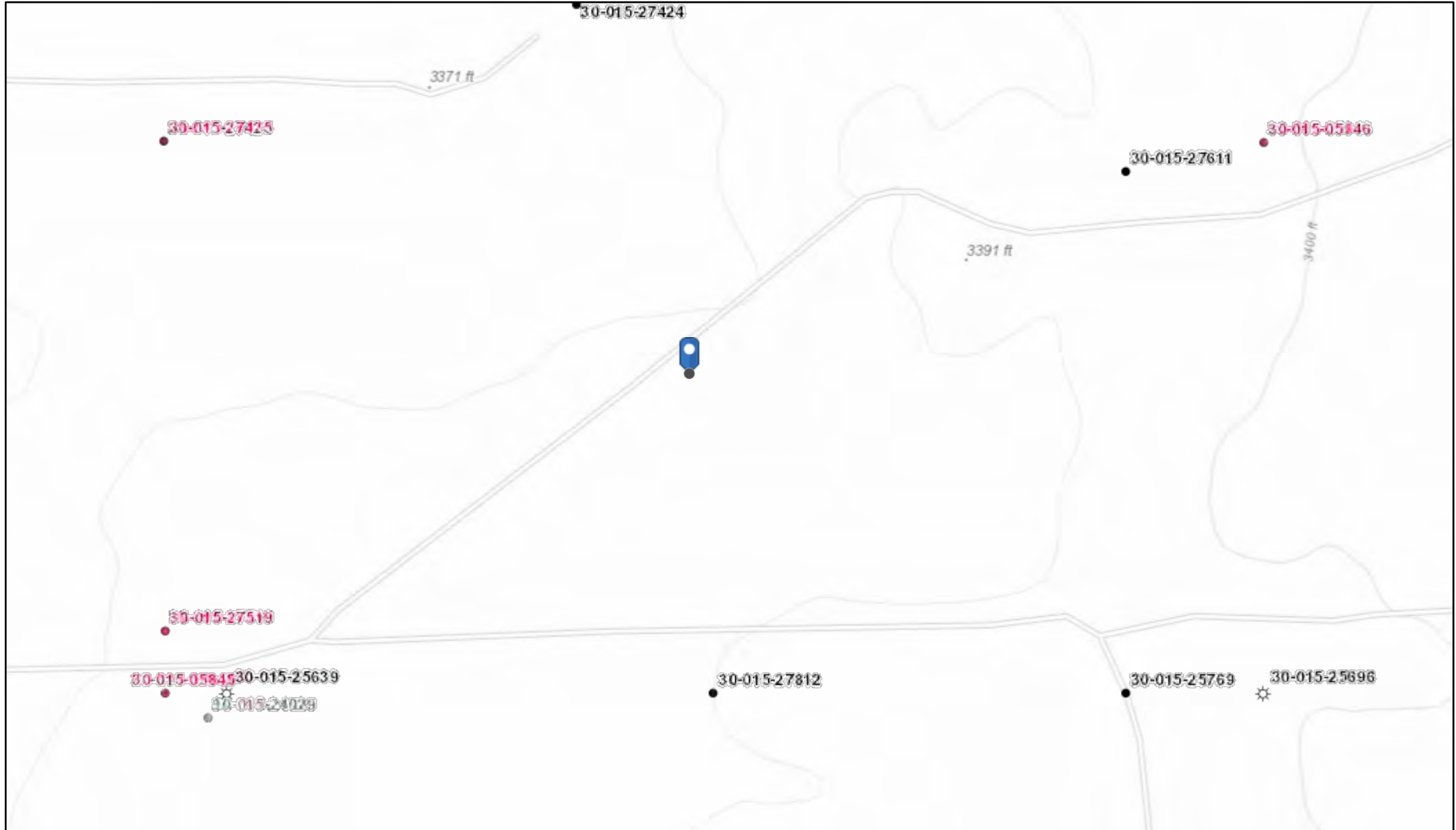
		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21	4/13/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.381	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		7.82	<0.050	<0.050	<0.050	<0.050	<0.050	0.074
Ethylbenzene	BTEX 8021B		3.74	<0.050	<0.050	<0.050	<0.050	<0.050	0.06
Total Xylenes	BTEX 8021B		19.6	0.325	<0.150	<0.050	<0.050	0.166	0.323
Total BTEX	BTEX 8021B		31.3	0.325	<0.300	<0.300	<0.300	<0.300	0.458
Chloride	SM4500Cl-B		288	32.0	128.0	128.0	32.0	<16.0	<16.0
GRO	TPH 8015M		360	19.7	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		13300	574	133	<10.0	127	<10.0	<10.0
EXT DRO	TPH 8015M		3000	81.5	<10.0	<10.0	21.4	<10.0	<10.0

		Sample ID	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
Analyte	Method	Date	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.586	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		11.4	0.417	<0.050	<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		6.09	0.921	<0.050	<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		32.6	6.53	<0.150	<0.050	<0.050	N/A	N/A
Total BTEX	BTEX 8021B		50.7	7.87	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		48	48.0	48.0	16.0	112.0	32	<16.0
GRO	TPH 8015M		794	295	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		19300	1820	63.7	37.1	<10.0	N/A	N/A
EXT DRO	TPH 8015M		6140	276	13.4	<10.0	<10.0	N/A	N/A

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'	SP5 @ 6'
Analyte	Method	Date	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.783	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		22.4	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Ethylbenzene	BTEX 8021B		13.8	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		79.3	<0.050	0.217	<0.050	<0.050	N/A	N/A
Total BTEX	BTEX 8021B		116	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		32	48.0	32.0	<16.0	16.0	<16.0	16
GRO	TPH 8015M		2010	<10.0	15.5	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		19300	148	357	154	33.7	N/A	N/A
EXT DRO	TPH 8015M		5000	23.4	68.9	23.8	<10.0	N/A	N/A

		Sample ID	SP6 @ Surface	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'	SP6 @ 5'	SP6 @ 6'
Analyte	Method	Date	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21	4/14/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		0.072	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Toluene	BTEX 8021B		2.48	<0.050	<0.050	<0.050	0.057	N/A	N/A
Ethylbenzene	BTEX 8021B		1.95	<0.050	<0.050	<0.050	<0.050	N/A	N/A
Total Xylenes	BTEX 8021B		11.6	<0.050	0.217	<0.050	<0.050	N/A	N/A
Total BTEX	BTEX 8021B		16.1	<0.300	<0.300	<0.300	<0.300	N/A	N/A
Chloride	SM4500Cl-B		32	16.0	32.0	48.0	16.0	<16.0	32
GRO	TPH 8015M		329	<10.0	<10.0	<10.0	<10.0	N/A	N/A
DRO	TPH 8015M		12300	185	85.8	87.3	57.7	N/A	N/A
EXT DRO	TPH 8015M		3180	30	13.3	14.6	<10.0	N/A	N/A

Oxy Silver NC 33 +3000ft to H2O (3-17-21)



4/2/2021, 9:28:50 AM

Wells - Large Scale

✱ CO2, Cancelled

✱ Gas, Active

✱ Gas, Temporarily Abandoned

✱ Injection, Plugged

? undefined

✱ CO2, New

✱ Gas, Cancelled

✱ Injection, Active

✱ Miscellaneous

✱ CO2, Plugged

✱ Gas, New

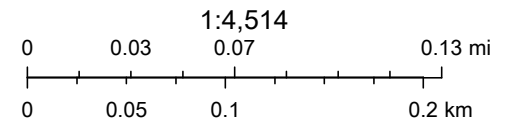
✱ Injection, Cancelled

✱ CO2, Active

✱ CO2, Temporarily Abandoned

✱ Gas, Plugged

✱ Injection, New





Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., OCD, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

Oxy Silver NC 33

Leak Date: 3-17-21
Eddy County, NM

BLM CAVE KARST MAP

Legend

-  Low Potential
-  Leak Area



National Flood Hazard Layer FIRMette



103°47'25"W 32°16'9"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000 103°46'48"W 32°15'38"N

Released to Imaging: 9/2/2021 1:33:13 PM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

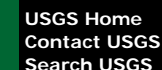


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/2/2021 at 11:39 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.




USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

[illegible]

- [Introducing The Next Generation of USGS Water Data for the Nation](#)
- [Full News](#) 

Click to hide state-specific text

Search Results -- 1 sites found

site no list =

- 321648103482101

Minimum number of levels = 1

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

Eddy County, New Mexico
Latitude 32°16'48", Longitude 103°48'21" NAD27
Land-surface elevation 3,336 feet above NAVD88
The depth of the well is 220 feet below land surface.
This well is completed in the Other aquifers (N99990THER) national aquifer.
This well is completed in the Dewey Lake Redbeds (312DYLK) local aquifer.

Table of data

Tab-separated data

Graph of data

Reselect period

Date	Time	<div><div>?</div>Water-level date-time accuracy</div>	<div><div>?</div>Parameter code</div>	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	<div><div>?</div>Status</div>	<div><div>?</div>Method of measurement</div>	<div><div>?</div>Measuring agency</div>	<div><div>?</div>Source of measurement</div>	<div><div>?</div>Water-level approval status</div>
1959-03-26		D	62610		3195.91	NGVD29	1	Z			A
1959-03-26		D	62611		3197.57	NAVD88	1	Z			A
1959-03-26		D	72019	138.43			1	Z			A
1972-09-20		D	62610		3194.44	NGVD29	3	Z			A
1972-09-20		D	62611		3196.10	NAVD88	3	Z			A

1972-09-20	D	72019	139.90	3	Z	A
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Explanation		
Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	3	Above
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Feedback on this web site
Automated retrievals
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Data Tips
Explanation of terms
Subscribe for system changes
News

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

April 23, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: OXY SILVER NC 33

Enclosed are the results of analyses for samples received by the laboratory on 04/15/21 16:30.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP @ N	H210968-01	Soil	13-Apr-21 09:10	15-Apr-21 16:30
SP @ E	H210968-02	Soil	13-Apr-21 09:22	15-Apr-21 16:30
SP @ W	H210968-03	Soil	13-Apr-21 09:37	15-Apr-21 16:30
SP @ S	H210968-04	Soil	13-Apr-21 09:51	15-Apr-21 16:30
SP 1 @ SURFACE	H210968-05	Soil	13-Apr-21 10:15	15-Apr-21 16:30
SP 1 @ 1'	H210968-06	Soil	13-Apr-21 10:26	15-Apr-21 16:30
SP 1 @ 2'	H210968-07	Soil	13-Apr-21 10:41	15-Apr-21 16:30
SP 1 @ 3'	H210968-08	Soil	13-Apr-21 10:54	15-Apr-21 16:30
SP 1 @ 4'	H210968-09	Soil	13-Apr-21 11:14	15-Apr-21 16:30
SP 1 @ 5'	H210968-10	Soil	13-Apr-21 11:26	15-Apr-21 16:30
SP 1 @ 6'	H210968-11	Soil	13-Apr-21 11:26	15-Apr-21 16:30
SP 1 @ 7'	H210968-12	Soil	13-Apr-21 11:52	15-Apr-21 16:30
SP 1 @ 8'	H210968-13	Soil	13-Apr-21 12:08	15-Apr-21 16:30
SP 2 @ SURFACE	H210968-14	Soil	13-Apr-21 12:47	15-Apr-21 16:30
SP 2 @ 1'	H210968-15	Soil	13-Apr-21 13:04	15-Apr-21 16:30
SP 2 @ 2'	H210968-16	Soil	13-Apr-21 13:16	15-Apr-21 16:30
SP 2 @ 3'	H210968-17	Soil	13-Apr-21 13:29	15-Apr-21 16:30
SP 2 @ 4'	H210968-18	Soil	13-Apr-21 13:38	15-Apr-21 16:30
SP 2 @ 5'	H210968-19	Soil	13-Apr-21 13:51	15-Apr-21 16:30
SP 2 @ 6'	H210968-20	Soil	13-Apr-21 14:04	15-Apr-21 16:30
SP 2 @ 7'	H210968-21	Soil	13-Apr-21 14:12	15-Apr-21 16:30
SP 3 @ SURFACE	H210968-22	Soil	13-Apr-21 14:23	15-Apr-21 16:30
SP 3 @ 1'	H210968-23	Soil	13-Apr-21 14:37	15-Apr-21 16:30
SP 3 @ 2'	H210968-24	Soil	13-Apr-21 14:40	15-Apr-21 16:30
SP 3 @ 3'	H210968-25	Soil	13-Apr-21 14:49	15-Apr-21 16:30
SP 3 @ 4'	H210968-26	Soil	13-Apr-21 14:57	15-Apr-21 16:30
SP 3 @ 5'	H210968-27	Soil	13-Apr-21 15:08	15-Apr-21 16:30

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 6'	H210968-28	Soil	13-Apr-21 15:16	15-Apr-21 16:30
SP 4 @ SURFACE	H210968-29	Soil	14-Apr-21 08:55	15-Apr-21 16:30
SP 4 @ 1'	H210968-30	Soil	14-Apr-21 09:10	15-Apr-21 16:30
SP 4 @ 2'	H210968-31	Soil	14-Apr-21 09:23	15-Apr-21 16:30
SP 4 @ 3'	H210968-32	Soil	14-Apr-21 09:31	15-Apr-21 16:30
SP 4 @ 4'	H210968-33	Soil	14-Apr-21 09:42	15-Apr-21 16:30
SP 4 @ 5'	H210968-34	Soil	14-Apr-21 09:57	15-Apr-21 16:30
SP 4 @ 6'	H210968-35	Soil	14-Apr-21 10:08	15-Apr-21 16:30
SP 5 @ SURFACE	H210968-36	Soil	14-Apr-21 10:22	15-Apr-21 16:30
SP 5 @ 1'	H210968-37	Soil	14-Apr-21 10:31	15-Apr-21 16:30
SP 5 @ 2'	H210968-38	Soil	14-Apr-21 10:42	15-Apr-21 16:30
SP 5 @ 3'	H210968-39	Soil	14-Apr-21 10:51	15-Apr-21 16:30
SP 5 @ 4'	H210968-40	Soil	14-Apr-21 11:06	15-Apr-21 16:30
SP 5 @ 5'	H210968-41	Soil	14-Apr-21 11:16	15-Apr-21 16:30
SP 5 @ 6'	H210968-42	Soil	14-Apr-21 11:28	15-Apr-21 16:30
SP 6 @ SURFACE	H210968-43	Soil	14-Apr-21 11:40	15-Apr-21 16:30
SP 6 @ 1'	H210968-44	Soil	14-Apr-21 11:52	15-Apr-21 16:30
SP 6 @ 2'	H210968-45	Soil	14-Apr-21 12:07	15-Apr-21 16:30
SP 6 @ 3'	H210968-46	Soil	14-Apr-21 12:45	15-Apr-21 16:30
SP 6 @ 4'	H210968-47	Soil	14-Apr-21 12:53	15-Apr-21 16:30
SP 6 @ 5'	H210968-48	Soil	14-Apr-21 13:10	15-Apr-21 16:30
SP 6 @ 6'	H210968-49	Soil	14-Apr-21 13:17	15-Apr-21 16:30

04/23/21 - Client added BTEX and TPH to samples -27 and -28. This is the revised report and will replace the one sent on 04/20/21.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP @ N
H210968-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041913	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Toluene*	0.483		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Ethylbenzene*	0.145		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total Xylenes*	0.762		0.150	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total BTEX	1.39		0.300	mg/kg	50	1041903	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 73.3-129 1041903 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	10.1		10.0	mg/kg	1	1041616	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041616	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041616	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 84.1 % 44.3-144 1041616 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 82.0 % 42.2-156 1041616 MS 19-Apr-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP @ E
H210968-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	1041913	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Toluene*	0.467		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Ethylbenzene*	0.176		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total Xylenes*	0.955		0.150	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total BTEX	1.60		0.300	mg/kg	50	1041903	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.9 %		73.3-129	1041903	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	12.5		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			80.0 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			75.5 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP @ W
H210968-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	1041913	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Toluene*	0.519		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Ethylbenzene*	0.161		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total Xylenes*	0.833		0.150	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total BTEX	1.51		0.300	mg/kg	50	1041903	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		96.3 %		73.3-129		1041903	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	10.9		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane		83.5 %		44.3-144		1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane		79.9 %		42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP @ S
H210968-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Toluene*	1.04		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Ethylbenzene*	0.278		0.050	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total Xylenes*	1.44		0.150	mg/kg	50	1041903	MS	19-Apr-21	8021B	
Total BTEX	2.76		0.300	mg/kg	50	1041903	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			95.9 %	73.3-129		1041903	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	13.4		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			81.3 %	44.3-144		1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			77.9 %	42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ SURFACE**H210968-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.326		0.050	mg/kg	50	1041905	MS	20-Apr-21	8021B	
Toluene*	3.32		0.050	mg/kg	50	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	1.25		0.050	mg/kg	50	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	6.94		0.150	mg/kg	50	1041905	MS	20-Apr-21	8021B	
Total BTEX	11.8		0.300	mg/kg	50	1041905	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	148 %		73.3-129			1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	338		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	16600		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	2760		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane	189 %		44.3-144			1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane	678 %		42.2-156			1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 1'
H210968-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	1.68		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Toluene*	34.4		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	24.4		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	128		1.50	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total BTEX	189		3.00	mg/kg	500	1041905	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			174 %		73.3-129	1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	4310		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	18200		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	2790		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			796 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			606 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 2'
H210968-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.832		0.200	mg/kg	200	1041905	MS	20-Apr-21	8021B	
Toluene*	19.0		0.200	mg/kg	200	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	14.7		0.200	mg/kg	200	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	74.0		0.600	mg/kg	200	1041905	MS	20-Apr-21	8021B	
Total BTEX	109		1.20	mg/kg	200	1041905	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		221 %		73.3-129		1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	2510		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	8510		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	1170		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane		390 %		44.3-144		1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane		317 %		42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 3'
H210968-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	1.07		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Toluene*	21.6		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	15.6		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	79.6		1.50	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total BTEX	118		3.00	mg/kg	500	1041905	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			156 %	73.3-129		1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	2610		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	8200		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	1130		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			379 %	44.3-144		1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			310 %	42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 4'
H210968-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.934		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Toluene*	25.3		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	17.7		0.500	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	90.1		1.50	mg/kg	500	1041905	MS	20-Apr-21	8021B	
Total BTEX	134		3.00	mg/kg	500	1041905	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			162 %	73.3-129		1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	2750		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	8230		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	1130		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			381 %	44.3-144		1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			273 %	42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 5'
H210968-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	0.215		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.3-129 1041905 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	19.9		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	513		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	92.1		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 91.4 % 44.3-144 1041605 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 105 % 42.2-156 1041605 MS 19-Apr-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 6'
H210968-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %		73.3-129	1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	12.1		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			86.0 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			88.0 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 7'
H210968-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 1 @ 8'
H210968-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ SURFACE**H210968-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.256		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Toluene*	6.36		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	4.61		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	23.3		0.300	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total BTEX	34.5		0.600	mg/kg	100	1041905	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		161 %		73.3-129		1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	792		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	12800		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	2380		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane		225 %		44.3-144		1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane		499 %		42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 1'
H210968-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.3 %		73.3-129	1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	176		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	26.7		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.6 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.3 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 2'
H210968-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129 1041905 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	16.4		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 82.1 % 44.3-144 1041605 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 84.6 % 42.2-156 1041605 MS 19-Apr-21 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 3'
H210968-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	0.154		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	0.266		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	1.80		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	2.22		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			129 %	73.3-129		1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	30.7		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	684		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	77.9		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			90.1 %	44.3-144		1041605	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	42.2-156		1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 4'
H210968-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		73.3-129	1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	84.6		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.1 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.3 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 5'
H210968-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		73.3-129	1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.5 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			92.5 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 6'
H210968-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 2 @ 7'
H210968-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ SURFACE**H210968-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.381		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Toluene*	7.82		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	3.74		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	19.6		0.300	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total BTEX	31.6		0.600	mg/kg	100	1041905	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			131 %		73.3-129	1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	360		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	13300		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	3000		50.0	mg/kg	5	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			136 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			599 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 1'
H210968-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041916	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	0.325		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	0.325		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129 1041905 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	19.7		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	574		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	81.5		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 79.8 % 44.3-144 1041605 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 93.4 % 42.2-156 1041605 MS 19-Apr-21 8015B

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 2'
H210968-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 73.3-129 1041905 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	133		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 84.5 % 44.3-144 1041605 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156 1041605 MS 19-Apr-21 8015B

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 3'
H210968-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	128		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050	0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>		99.9 %		73.3-129	1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	1041605	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>		74.4 %		44.3-144	1041605	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>		75.0 %		42.2-156	1041605	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 4'
H210968-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129 1041905 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	127		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	21.4		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 80.4 % 44.3-144 1041606 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 84.7 % 42.2-156 1041606 MS 19-Apr-21 8015B

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 5'
H210968-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Total Xylenes*	0.166		0.150	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1042118	MS	22-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.1 %		69.9-140	1042118	MS	22-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	

Surrogate: 1-Chlorooctane			114 %		44.3-133	1042117	MS	22-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			117 %		38.9-142	1042117	MS	22-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 3 @ 6'
H210968-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Toluene*	0.074		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Ethylbenzene*	0.060		0.050	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Total Xylenes*	0.323		0.150	mg/kg	50	1042118	MS	22-Apr-21	8021B	
Total BTEX	0.458		0.300	mg/kg	50	1042118	MS	22-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.6 %	69.9-140		1042118	MS	22-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1042117	MS	22-Apr-21	8015B	

Surrogate: 1-Chlorooctane			115 %	44.3-133		1042117	MS	22-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			121 %	38.9-142		1042117	MS	22-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ SURFACE**H210968-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.586		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Toluene*	11.4		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Ethylbenzene*	6.09		0.100	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total Xylenes*	32.6		0.300	mg/kg	100	1041905	MS	20-Apr-21	8021B	
Total BTEX	50.7		0.600	mg/kg	100	1041905	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			183 %	73.3-129		1041905	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	794		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	19300		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	6140		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			236 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			678 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 1'
H210968-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Toluene*	0.417		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Ethylbenzene*	0.921		0.050	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total Xylenes*	6.53		0.150	mg/kg	50	1041905	MS	19-Apr-21	8021B	
Total BTEX	7.87		0.300	mg/kg	50	1041905	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			187 %	73.3-129		1041905	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	295		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	1820		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	276		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			119 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			127 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 2'
H210968-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.5 %		73.3-129	1041907	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	63.7		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	13.4		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.6 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.0 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 3'
H210968-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.6 %		73.3-129	1041907	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	37.1		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.2 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.4 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 4'
H210968-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.3-129 1041907 MS 19-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 93.9 % 44.3-144 1041606 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 91.0 % 42.2-156 1041606 MS 19-Apr-21 8015B

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 5'
H210968-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride	32.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 4 @ 6'
H210968-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ SURFACE**H210968-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.783		0.500	mg/kg	500	1041907	MS	20-Apr-21	8021B	
Toluene*	22.4		0.500	mg/kg	500	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	13.8		0.500	mg/kg	500	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	79.3		1.50	mg/kg	500	1041907	MS	20-Apr-21	8021B	
Total BTEX	116		3.00	mg/kg	500	1041907	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	148 %		73.3-129			1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	2010		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	19300		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	5000		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane	348 %		44.3-144			1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane	643 %		42.2-156			1041606	MS	19-Apr-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ 1'
H210968-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	19-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			95.0 %	73.3-129		1041907	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	148		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	23.4		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.3 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.0 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ 2'
H210968-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total Xylenes*	0.217		0.150	mg/kg	50	1041907	MS	19-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	19-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.8 %		73.3-129	1041907	MS	19-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	15.5		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	357		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	68.9		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			90.8 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			102 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ 3'
H210968-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			93.5 %		73.3-129	1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	154		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	23.8		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			90.2 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			90.0 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ 4'
H210968-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			94.2 %		73.3-129	1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	33.7		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			92.7 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.0 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 5 @ 5'
H210968-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397Reported:
23-Apr-21 11:03**SP 5 @ 6'**
H210968-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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A handwritten signature in cursive script, appearing to read "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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ SURFACE**H210968-43 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041917	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	0.072		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	2.48		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	1.95		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	11.6		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	16.1		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			191 %	73.3-129		1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID**S-06**

GRO C6-C10*	329		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	12300		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	3180		50.0	mg/kg	5	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane			155 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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Surrogate: 1-Chlorooctadecane			465 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 1'
H210968-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 73.3-129 1041907 MS 20-Apr-21 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	185		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	30.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

Surrogate: 1-Chlorooctane 96.8 % 44.3-144 1041606 MS 19-Apr-21 8015B

Surrogate: 1-Chlorooctadecane 97.0 % 42.2-156 1041606 MS 19-Apr-21 8015B

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 2'
H210968-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.0 %		73.3-129	1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	85.8		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	13.3		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.9 %		44.3-144	1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.6 %		42.2-156	1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 3'
H210968-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	73.3-129		1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	87.3		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	14.6		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.8 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.5 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 4'
H210968-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Toluene*	0.057		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	1041907	MS	20-Apr-21	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	1041907	MS	20-Apr-21	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	73.3-129		1041907	MS	20-Apr-21	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
DRO >C10-C28*	57.7		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	1041606	MS	19-Apr-21	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.7 %	44.3-144		1041606	MS	19-Apr-21	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			87.2 %	42.2-156		1041606	MS	19-Apr-21	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 5'
H210968-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

SP 6 @ 6'
H210968-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	1041914	AC	19-Apr-21	4500-Cl-B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041913 - 1:4 DI Water**Blank (1041913-BLK1)**

Prepared & Analyzed: 19-Apr-21

Chloride	ND	16.0	mg/kg						
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LCS (1041913-BS1)

Prepared & Analyzed: 19-Apr-21

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (1041913-BSD1)

Prepared & Analyzed: 19-Apr-21

Chloride	400	16.0	mg/kg	400	100	80-120	3.92	20	
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Batch 1041914 - 1:4 DI Water**Blank (1041914-BLK1)**

Prepared & Analyzed: 19-Apr-21

Chloride	ND	16.0	mg/kg						
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LCS (1041914-BS1)

Prepared & Analyzed: 19-Apr-21

Chloride	400	16.0	mg/kg	400	100	80-120			
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LCS Dup (1041914-BSD1)

Prepared & Analyzed: 19-Apr-21

Chloride	416	16.0	mg/kg	400	104	80-120	3.92	20	
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Batch 1041916 - 1:4 DI Water**Blank (1041916-BLK1)**

Prepared & Analyzed: 19-Apr-21

Chloride	ND	16.0	mg/kg						
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LCS (1041916-BS1)

Prepared & Analyzed: 19-Apr-21

Chloride	432	16.0	mg/kg	400	108	80-120			
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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041916 - 1:4 DI Water**LCS Dup (1041916-BSD1)**

Prepared & Analyzed: 19-Apr-21

Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
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Batch 1041917 - 1:4 DI Water**Blank (1041917-BLK1)**

Prepared & Analyzed: 19-Apr-21

Chloride	ND	16.0	mg/kg							
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LCS (1041917-BS1)

Prepared & Analyzed: 19-Apr-21

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (1041917-BSD1)

Prepared & Analyzed: 19-Apr-21

Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
----------	-----	------	-------	-----	--	-----	--------	------	----	--

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041903 - Volatiles**Blank (1041903-BLK1)**

Prepared & Analyzed: 19-Apr-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0510		mg/kg	0.0500		102	73.3-129			

LCS (1041903-BS1)

Prepared & Analyzed: 19-Apr-21

Benzene	2.11	0.050	mg/kg	2.00		106	72.2-131			
Toluene	2.06	0.050	mg/kg	2.00		103	71.7-126			
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	68.9-126			
Total Xylenes	5.81	0.150	mg/kg	6.00		96.8	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.8	73.3-129			

LCS Dup (1041903-BSD1)

Prepared & Analyzed: 19-Apr-21

Benzene	2.22	0.050	mg/kg	2.00		111	72.2-131	5.00	14.6	
Toluene	2.22	0.050	mg/kg	2.00		111	71.7-126	7.47	17.4	
Ethylbenzene	2.23	0.050	mg/kg	2.00		112	68.9-126	10.4	18.9	
Total Xylenes	6.54	0.150	mg/kg	6.00		109	71.4-125	11.9	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	73.3-129			

Batch 1041905 - Volatiles**Blank (1041905-BLK1)**

Prepared & Analyzed: 19-Apr-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.8	73.3-129			

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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.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041905 - Volatiles**LCS (1041905-BS1)**

Prepared & Analyzed: 19-Apr-21

Benzene	2.09	0.050	mg/kg	2.00		105	72.2-131			
Toluene	1.99	0.050	mg/kg	2.00		99.6	71.7-126			
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.0	68.9-126			
Total Xylenes	5.88	0.150	mg/kg	6.00		97.9	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0489		mg/kg	0.0500		97.8	73.3-129			

LCS Dup (1041905-BS1)

Prepared & Analyzed: 19-Apr-21

Benzene	2.24	0.050	mg/kg	2.00		112	72.2-131	6.72	14.6	
Toluene	2.15	0.050	mg/kg	2.00		107	71.7-126	7.54	17.4	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	68.9-126	6.92	18.9	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	71.4-125	6.73	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.6	73.3-129			

Batch 1041907 - Volatiles**Blank (1041907-BLK1)**

Prepared & Analyzed: 19-Apr-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.0	73.3-129			

LCS (1041907-BS1)

Prepared & Analyzed: 19-Apr-21

Benzene	2.05	0.050	mg/kg	2.00		103	72.2-131			
Toluene	2.02	0.050	mg/kg	2.00		101	71.7-126			
Ethylbenzene	2.04	0.050	mg/kg	2.00		102	68.9-126			
Total Xylenes	6.01	0.150	mg/kg	6.00		100	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0494		mg/kg	0.0500		98.8	73.3-129			

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041907 - Volatiles**LCS Dup (1041907-BSD1)**

Prepared & Analyzed: 19-Apr-21

Benzene	2.09	0.050	mg/kg	2.00		105	72.2-131	2.02	14.6	
Toluene	2.08	0.050	mg/kg	2.00		104	71.7-126	3.11	17.4	
Ethylbenzene	2.11	0.050	mg/kg	2.00		106	68.9-126	3.40	18.9	
Total Xylenes	6.19	0.150	mg/kg	6.00		103	71.4-125	2.99	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.5	73.3-129			

Batch 1042118 - Volatiles**Blank (1042118-BLK1)**

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.7	69.9-140			

LCS (1042118-BS1)

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

Benzene	2.02	0.050	mg/kg	2.00		101	89.9-120			
Toluene	1.93	0.050	mg/kg	2.00		96.6	90.8-117			
Ethylbenzene	1.88	0.050	mg/kg	2.00		93.9	88.9-116			
m,p-Xylene	3.70	0.100	mg/kg	4.00		92.6	85.5-118			
o-Xylene	1.84	0.050	mg/kg	2.00		92.0	85.5-118			
Total Xylenes	5.54	0.150	mg/kg	6.00		92.4	85.5-118			
Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.7	69.9-140			

LCS Dup (1042118-BSD1)

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

Benzene	2.15	0.050	mg/kg	2.00		108	89.9-120	6.29	10.3	
Toluene	2.06	0.050	mg/kg	2.00		103	90.8-117	6.65	10.5	
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	88.9-116	6.95	10.8	
m,p-Xylene	3.96	0.100	mg/kg	4.00		98.9	85.5-118	6.65	10.7	
o-Xylene	1.97	0.050	mg/kg	2.00		98.4	85.5-118	6.71	10.7	
Total Xylenes	5.93	0.150	mg/kg	6.00		98.8	85.5-118	6.67	10.7	

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1042118 - Volatiles**LCS Dup (1042118-BSD1)**

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

Surrogate: 4-Bromofluorobenzene (PID)	0.0480		mg/kg	0.0500		96.0	69.9-140			
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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041605 - General Prep - Organics**Blank (1041605-BLK1)**

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.9		mg/kg	50.0		95.7	44.3-144			
Surrogate: 1-Chlorooctadecane	48.3		mg/kg	50.0		96.6	42.2-156			

LCS (1041605-BS1)

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	225	10.0	mg/kg	200		113	83.7-135			
DRO >C10-C28	196	10.0	mg/kg	200		98.2	80.4-133			
Total TPH C6-C28	422	10.0	mg/kg	400		105	83.1-133			
Surrogate: 1-Chlorooctane	51.3		mg/kg	50.0		103	44.3-144			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	42.2-156			

LCS Dup (1041605-BS1)

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	229	10.0	mg/kg	200		115	83.7-135	1.67	13.8	
DRO >C10-C28	199	10.0	mg/kg	200		99.5	80.4-133	1.26	22.1	
Total TPH C6-C28	428	10.0	mg/kg	400		107	83.1-133	1.48	17.7	
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	44.3-144			
Surrogate: 1-Chlorooctadecane	49.2		mg/kg	50.0		98.4	42.2-156			

Batch 1041606 - General Prep - Organics**Blank (1041606-BLK1)**

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	58.5		mg/kg	50.0		117	44.3-144			
Surrogate: 1-Chlorooctadecane	58.6		mg/kg	50.0		117	42.2-156			

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041606 - General Prep - Organics**LCS (1041606-BS1)**

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	231	10.0	mg/kg	200		115	83.7-135			
DRO >C10-C28	227	10.0	mg/kg	200		114	80.4-133			
Total TPH C6-C28	458	10.0	mg/kg	400		114	83.1-133			
Surrogate: 1-Chlorooctane	57.7		mg/kg	50.0		115	44.3-144			
Surrogate: 1-Chlorooctadecane	58.8		mg/kg	50.0		118	42.2-156			

LCS Dup (1041606-BS1)

Prepared: 16-Apr-21 Analyzed: 19-Apr-21

GRO C6-C10	226	10.0	mg/kg	200		113	83.7-135	1.92	13.8	
DRO >C10-C28	224	10.0	mg/kg	200		112	80.4-133	1.35	22.1	
Total TPH C6-C28	450	10.0	mg/kg	400		113	83.1-133	1.63	17.7	
Surrogate: 1-Chlorooctane	58.6		mg/kg	50.0		117	44.3-144			
Surrogate: 1-Chlorooctadecane	59.8		mg/kg	50.0		120	42.2-156			

Batch 1041616 - General Prep - Organics**Blank (1041616-BLK1)**

Prepared: 16-Apr-21 Analyzed: 18-Apr-21

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.3-144			
Surrogate: 1-Chlorooctadecane	51.4		mg/kg	50.0		103	42.2-156			

LCS (1041616-BS1)

Prepared: 16-Apr-21 Analyzed: 18-Apr-21

GRO C6-C10	199	10.0	mg/kg	200		99.7	83.7-135			
DRO >C10-C28	210	10.0	mg/kg	200		105	80.4-133			
Total TPH C6-C28	409	10.0	mg/kg	400		102	83.1-133			
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	44.3-144			
Surrogate: 1-Chlorooctadecane	51.7		mg/kg	50.0		103	42.2-156			

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Analytical Results For:

BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241

Project: OXY SILVER NC 33
Project Number: (3-17-21)
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
23-Apr-21 11:03

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 1041616 - General Prep - Organics**LCS Dup (1041616-BSD1)**

Prepared: 16-Apr-21 Analyzed: 18-Apr-21

GRO C6-C10	194	10.0	mg/kg	200		96.9	83.7-135	2.82	13.8
DRO >C10-C28	201	10.0	mg/kg	200		101	80.4-133	4.22	22.1
Total TPH C6-C28	395	10.0	mg/kg	400		98.8	83.1-133	3.54	17.7
Surrogate: 1-Chlorooctane	51.0		mg/kg	50.0		102	44.3-144		
Surrogate: 1-Chlorooctadecane	51.9		mg/kg	50.0		104	42.2-156		

Batch 1042117 - General Prep - Organics**Blank (1042117-BLK1)**

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	45.9		mg/kg	50.0		91.9	44.3-133		
Surrogate: 1-Chlorooctadecane	45.5		mg/kg	50.0		91.0	38.9-142		

LCS (1042117-BS1)

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

GRO C6-C10	227	10.0	mg/kg	200		114	83.4-129		
DRO >C10-C28	248	10.0	mg/kg	200		124	84.3-133		
Total TPH C6-C28	475	10.0	mg/kg	400		119	85.3-130		
Surrogate: 1-Chlorooctane	50.1		mg/kg	50.0		100	44.3-133		
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.7	38.9-142		

LCS Dup (1042117-BSD1)

Prepared: 21-Apr-21 Analyzed: 22-Apr-21

GRO C6-C10	228	10.0	mg/kg	200		114	83.4-129	0.291	12.6
DRO >C10-C28	248	10.0	mg/kg	200		124	84.3-133	0.0476	12.1
Total TPH C6-C28	476	10.0	mg/kg	400		119	85.3-130	0.115	11.6
Surrogate: 1-Chlorooctane	49.0		mg/kg	50.0		98.1	44.3-133		
Surrogate: 1-Chlorooctadecane	49.0		mg/kg	50.0		98.0	38.9-142		

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 101 East Mainland, Hobbs, NM 88241				BILL TO												ANALYSIS REQUEST																							
Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: OXY SILVER NC 33 (3-17-21) Project Location: Sampler Name: SIMON RENDON				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH Extended</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL</div> </div>																															
FOR LAB USE ONLY				MATRIX																PRESERV.				SAMPLING															
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		GROUNDWATER														WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME	
H210968				1																		✓										✓		✓		✓			
2		SP @ N		✓																✓		✓		✓															
3		SP @ E		✓																✓		✓		✓															
4		SP @ W		✓																✓		✓		✓															
5		SP @ S		✓																✓		✓		✓															
6		SP1 @ SURFACE		✓																✓		✓		✓															
7		SP1 @ 1'		✓																✓		✓		✓															
8		SP1 @ 2'		✓																✓		✓		✓															
9		SP1 @ 3'		✓																✓		✓		✓															
10		SP1 @ 4'		✓																✓		✓		✓															
11		SP1 @ 5'		✓																✓		✓		✓															
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Relinquished By: <i>Simon Rendón</i> Date: 4-15-21 Time: 8:00 AM Received By: <i>Israel Peña</i> Date: 4-15-21 Time: 4:30 PM Delivered By: (Circle One) <i>3.12 / #113</i> Sampler - UPS - Bus - Other:												Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:																											
Checked By: <i>[Signature]</i> Sample Condition: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												Checked By: <i>[Signature]</i> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																											

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ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476				BILL TO				ANALYSIS REQUEST																	
Company Name: BBC International, Inc.				P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH Extended</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL</div> </div>																	
Project Manager: Cliff Brunson				Company:																					
Address: P.O. Box 805				Attn:																					
City: Hobbs		State: NM Zip: 88241		Address:																					
Phone #: 575-397-6388		Fax #: 575-397-0397		City:																					
Project #:		Project Owner: Oxy		State: Zip:																					
Project Name: OXY SILVER NC 33 (3-17-21)				Phone #:																					
Project Location:				Fax #:																					
Sampler Name: SIMON RENDON																									
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													
HZ10968																									
12		SP 1 @ 7'																							
13		SP 1 @ 8'																							
14		SP 2 @ SURFACE																							
15		SP 2 @ 1'																							
16		SP 2 @ 2'																							
17		SP 2 @ 3'																							
18		SP 2 @ 4'																							
19		SP 2 @ 5'																							
20		SP 2 @ 6'																							
21		SP 2 @ 7'																							

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Relinquished By: <i>Simon Rendon</i>		Date: <i>4-15-21</i>		Received By: <i>Israel Pena</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		Time: <i>8:00 AM</i>				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By: <i>Israel Pena</i>		Date: <i>4-15-21</i>		Received By: <i>Jodi Benson</i>		Add'l Phone #:	
		Time: <i>4:30 PM</i>				Add'l Fax #:	
Delivered By: (Circle One) <i>3.12 / # 113</i>				Sample Condition		CHECKED BY: <i>JTB</i>	
				Cool Intact			
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
				<input type="checkbox"/> Yes <input type="checkbox"/> No			
Sampler - UPS - Bus - Other: <i>3.12 / # 113</i>							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST																																
Company Name: BBC International, Inc.				P.O. #:																																
Project Manager: Cliff Brunson				Company:																																
Address: P.O. Box 805				Attn:																																
City: Hobbs		State: NM Zip: 88241		Address:																																
Phone #: 575-397-6388		Fax #: 575-397-0397		City:																																
Project #:		Project Owner: Oxy		State: Zip:																																
Project Name: OXY SILVER NC 33 (3-17-21)				Phone #:																																
Project Location:				Fax #:																																
Sampler Name: SIMON RENDON																																				
FOR LAB USE ONLY		MATRIX				PRESERV.		SAMPLING																												
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																						
H210968	SP3 @ SURFACE	G				X					X		4/13/21	2:23	BTEX ✓	TPH Extended ✓	CL ✓																			
22	SP3 @ 1'												4/13/21	2:37	✓	✓	✓																			
23	SP3 @ 2'												4/13/21	2:40	✓	✓	✓																			
24	SP3 @ 3'												4/13/21	2:49	✓	✓	✓																			
25	SP3 @ 4'												4/13/21	2:57	✓	✓	✓																			
26	SP3 @ 5'												4/13/21	3:08	X	X	✓																			
27	SP3 @ 6'												4/13/21	3:16	X	X	✓																			
28	SP3 @ 6'												4/14/21	8:55	✓	✓	✓																			
29	SP4 @ SURFACE												4/14/21	9:10	✓	✓	✓																			
30	SP4 @ 1'												4/14/21	9:23	✓	✓	✓																			
31	SP4 @ 2'																																			

added 4/21/21 CL
L L

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Relinquished By: <i>Simon Rader</i>		Date: <i>4-15-21</i>	Received By: <i>Isaac Pena</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: <i>8:20 AM</i>				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: <i>Isaac Pena</i>		Date: <i>4-15-21</i>	Received By: <i>Godi Benson</i>	REMARKS:	
Time: <i>4:50 PM</i>					
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: <i>3.10 / #113</i>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		<i>GB</i>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>			
		Yes <input type="checkbox"/> No <input type="checkbox"/>			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST															
Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: OXY SILVER NC 33 (3-17-21) Project Location: Sampler Name: SIMON RENDON				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH Extended</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL</div> </div>											
MATRIX				PRESERV.		SAMPLING													
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME													
Lab I.D.				Sample I.D.															
H210968 31 SP4 @ 3' 33 SP4 @ 4' 34-33 SP4 @ 5' 35-34 SP4 @ 6' 36-35 SP5 @ SURFACE 37-36 SP5 @ 1' 38-37 SP5 @ 2' 39-38 SP5 @ 3' 40-39 SP5 @ 4' 41-40 SP5 @ 5'				(GRAB OR (COMP. # CONTAINERS)		DATE TIME		[Grid for Analysis Results]											
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Relinquished By: <i>Simon Rendon</i> Date: 4-15-21 Time: 8:00 AM				Received By: <i>Israel Pena</i> Date: 4-15-21 Time: 4:30 PM				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:											
Relinquished By: <i>Israel Pena</i> Date: 4-15-21 Time: 4:30 PM				Received By: <i>Jodi Benson</i> Date: 4-15-21 Time: 4:30 PM				REMARKS:											
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 3.10 / #113				Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				CHECKED BY: <i>JH</i>											

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FOR LAB USE ONLY		# CONTAINERS		MATRIX		PRESERV.		SAMPLING														
Lab I.D.	Sample I.D.	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
H210968	SP5 @ 6'										4/14/21	11:28										
4342	SP6 @ SURFACE										4/14/21	11:40										
4443	SP6 @ 1'										4/14/21	11:52										
4544	SP6 @ 2'										4/14/21	12:07										
4645	SP6 @ 3'										4/14/21	12:45										
4746	SP6 @ 4'										4/14/21	12:53										
4847	SP6 @ 5'										4/14/21	1:10										
4948	SP6 @ 6'										4/14/21	1:17										

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Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other: 3.10 / #113	Date: 4-15-21 Time: 8:00 AM Date: 4-15-21 Time: 4:30 PM	Received By: Received By: Sample Condition Cool - Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:
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Form C-141

Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2109159441
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: 5-19-21
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD OnlyReceived by: Robert Hamlet Date: 9/2/2021☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Robert Hamlet Date: 9/2/2021

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 30449

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 30449
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Workplan/Remediation Plan is approved with the following conditions: Please make sure the edges/sidewalls and floor closure samples are delineated/excavated to meet closure criteria standards for proven depth to water determination. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less. The variance for 400 ft2 closure samples is approved.	9/2/2021