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DELINEATION/REMEDATION WORKPLAN

OXY – AVOGATO 30-31 ST COM 00021H (Leak Date: 9/10/21)

Incident Reference #: NAPP2126753999

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NAPP2126753999.

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, SP8, and SP10 (BLUE shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP2 – SP7, SP9 and SP11 (WHITE shade on diagram) will be excavated to a depth of 1 foot.

OXY will collect sidewall and bottom confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 581 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 regulatory agency or private surface owner.

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

Form C-141

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State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | nAPP2126753999 |
| 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? | 8 (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 ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

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

Form C-141

State of New Mexico
Oil Conservation Division

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| | |
|----------------|----------------|
| Incident ID | nAPP2126753999 |
| District RP | |
| Facility ID | |
| Application ID | |

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

Printed Name: Wade DittrichTitle: Environmental CoordinatorSignature: Date: 9-29-21email: wade_dittrich@oxy.comTelephone: (575) 390-2828**OCD Only**

Received by: _____

Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

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| | |
|----------------|----------------|
| Incident ID | nAPP2126753999 |
| District RP | |
| Facility ID | |
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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.

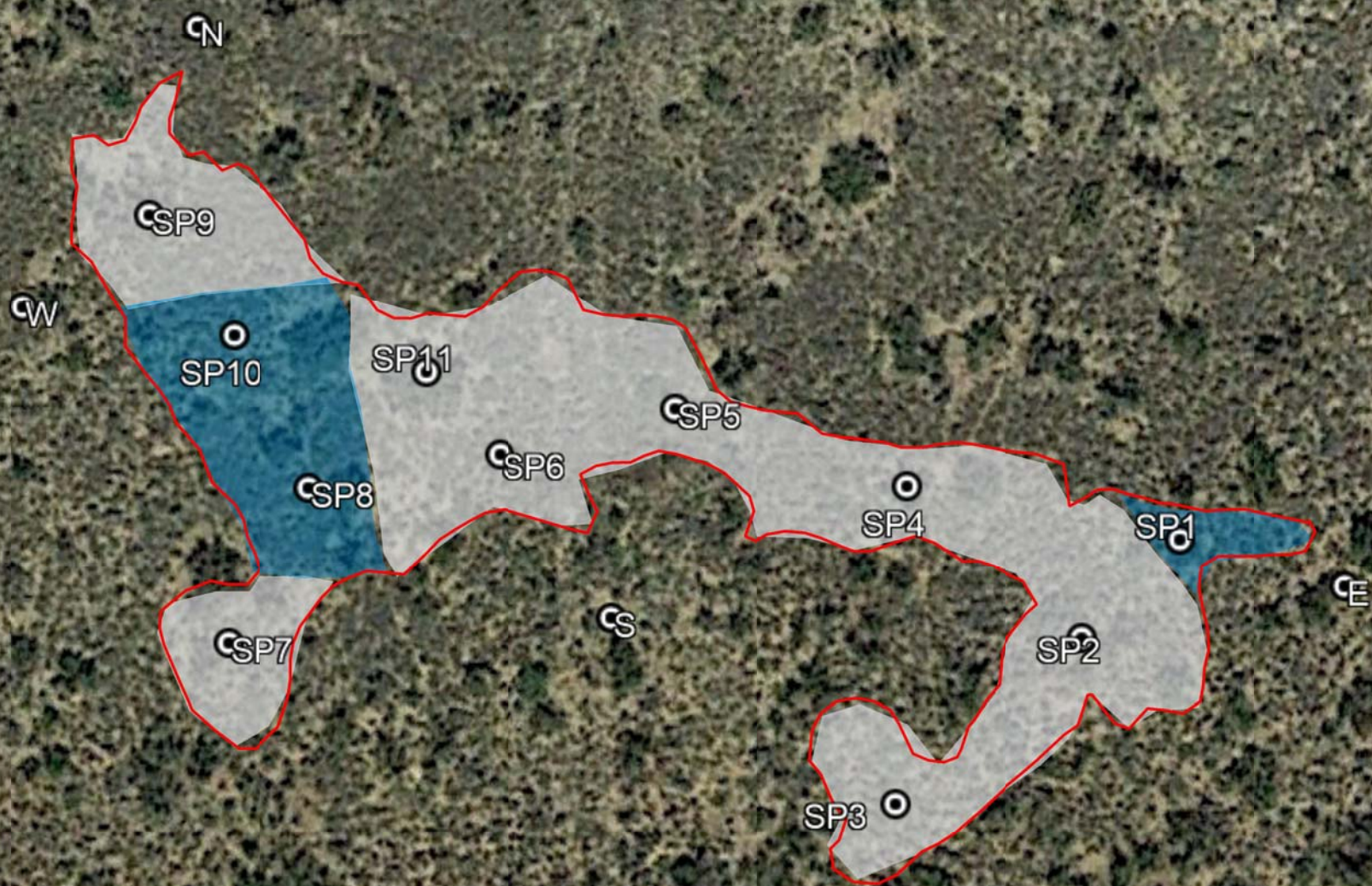
Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature:  Date: 9-29-21email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**Received by: Chad Hensley Date: 02/22/2022☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature:  Date: 02/22/2022

AVOGATO 30-31 ST COM 00021H

LEAK DATE 9/10/21
ID#nAPP2126753999
LEA CO, NM

Legend

- 1FT
- 2FT



AVOGATO 30-31 ST COM 00021H

LEAK DATE 9-10-21

SAMPLE DATE : 12-3-21

| | | |
|-------|------------|--------------|
| NORTH | 32.369384° | -103.615712° |
| EAST | 32.369050° | -103.614900° |
| WEST | 32.369217° | -103.615835° |
| SOUTH | 32.368846° | -103.615280° |
| SP1 | 32.369078° | -103.615017° |
| SP2 | 32.369019° | -103.615086° |
| SP3 | 32.368920° | -103.615218° |
| SP4 | 32.369110° | -103.615210° |
| SP5 | 32.369156° | -103.615374° |
| SP6 | 32.369129° | -103.615498° |
| SP7 | 32.369016° | -103.615690° |
| SP8 | 32.369109° | -103.615633° |
| SP9 | 32.369272° | -103.615746° |
| SP10 | 32.369200° | -103.615686° |
| SP11 | 32.369178° | -103.615555° |



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:


Groundwater

Geographic Area:

New Mexico

GO

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

1 Important: [Next Generation Monitoring Location Page](#)

Site Selection Results -- 3696 sites found

County = Lea

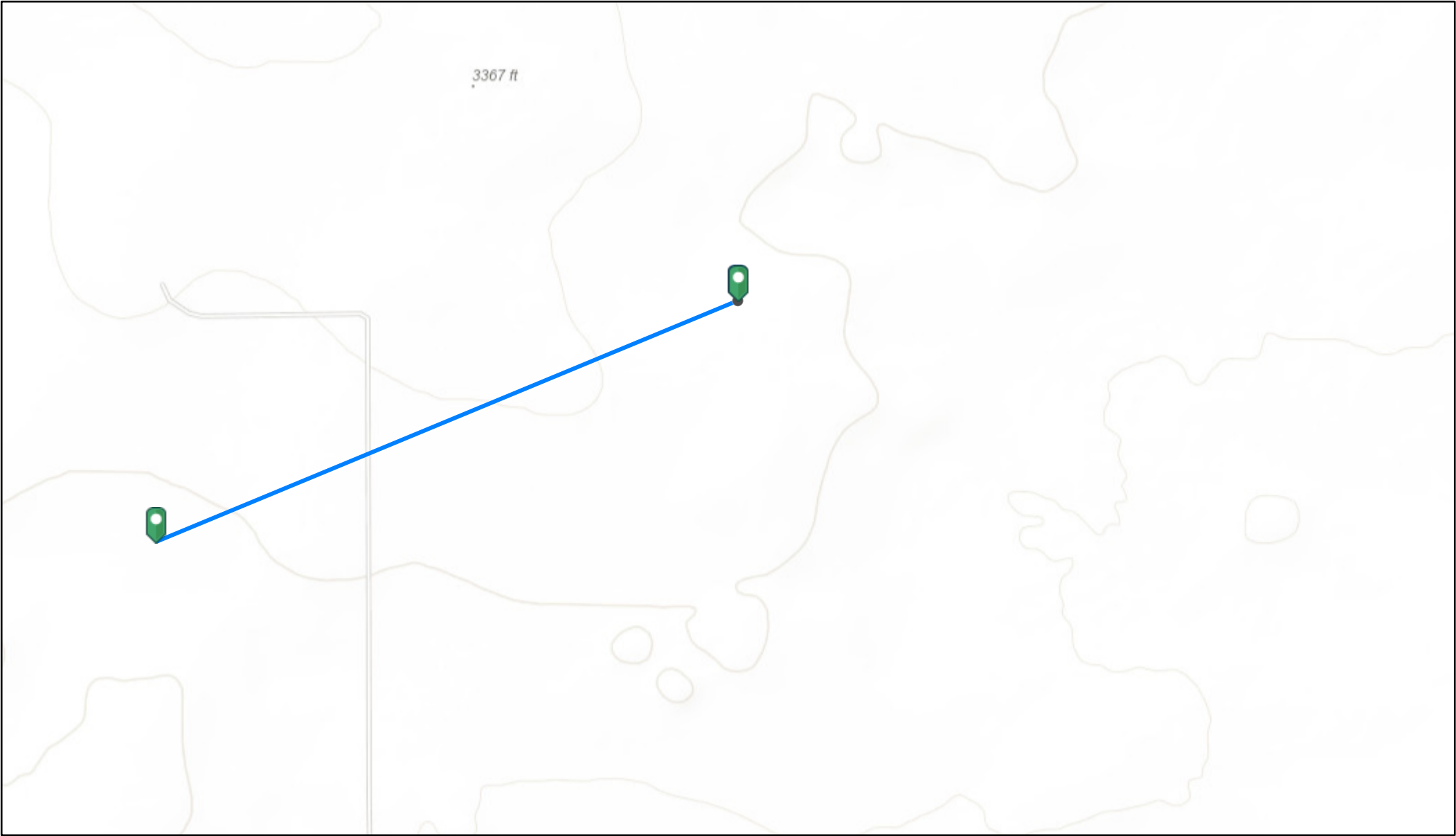
Minimum number of levels = 1

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

Data for individual sites can be obtained by selecting the site number below

| Agency | Site Number | Site Name | Period of Record | | |
|--------|---------------------------------|------------------|------------------|------------|--------|
| | | | Begin Date | End Date | Levels |
| | | 22S.33 | | | |
| USGS | 322325103313301 | 22S.33E.13.23131 | 1968-06-10 | 1996-02-20 | 8 |
| USGS | 322331103312701 | 22S.33E.13.14242 | 1972-09-21 | 1972-09-21 | 1 |

OCD Well Locations



11/2/2021 1:14:11 PM

- Wells - Large Scale

?

undefined

•

Miscellaneous

⚙

CO2, Active

⚙

CO2, Cancelled

⚙

CO2, New

⚙

CO2, Plugged

⚙

CO2, Temporarily Abandoned

⚙

Gas, Active

⚙

Gas, Cancelled

⚙

Gas, New

⚙

Gas, Plugged

⚙

Gas, Temporarily Abandoned

⚙

Injection, Plugged

⚙

Injection, Active

⚙

Injection, Cancelled

⚙

Injection, New
- A scale bar with two units: miles (0 to 0.2) and kilometers (0 to 0.4). The scale is labeled '1:9,028'. Below the scale bar, there is a text block: 'Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department.'
- Released to Imaging: 2/22/2022 11:50:37 AM
- NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75>: New Mexico Oil Conservation Division

AVOGATO 30-31 COM 0021H

LEAK DATE:9-15-21

Legend

-  High
-  Low
-  Medium
-  Path





FEMA Flood Map Service Center: Search By Address

Navigation

Search

Languages

MSC Home (/portal/)

MSC Search by Address
(/portal/search)

MSC Search All Products
(/portal/advanceSearch)

MSC Products and Tools
(/portal/resources/productsandtools)

Hazus
(/portal/resources/hazus)

LOMC Batch Files
(/portal/resources/lomc)

Product Availability
(/portal/productAvailability)

MSC Frequently Asked
Questions (FAQs)
(/portal/resources/faq)

MSC Email Subscriptions
(/portal/subscriptionHome)

Contact MSC Help
(/portal/resources/contact)

Enter an address, place, or coordinates:

-103.02545924, 32.368936

Search

Whether you are in a high risk zone or not, you may need [flood insurance \(https://www.fema.gov/national-flood-insurance-program\)](https://www.fema.gov/national-flood-insurance-program) because most homeowners insurance doesn't cover flood damage. If you live in an area with low or moderate flood risk, you are 5 times more likely to experience flood than a fire in your home over the next 30 years. For many, a National Flood Insurance Program's flood insurance policy could cost less than \$400 per year. Call your insurance agent today and protect what you've built.

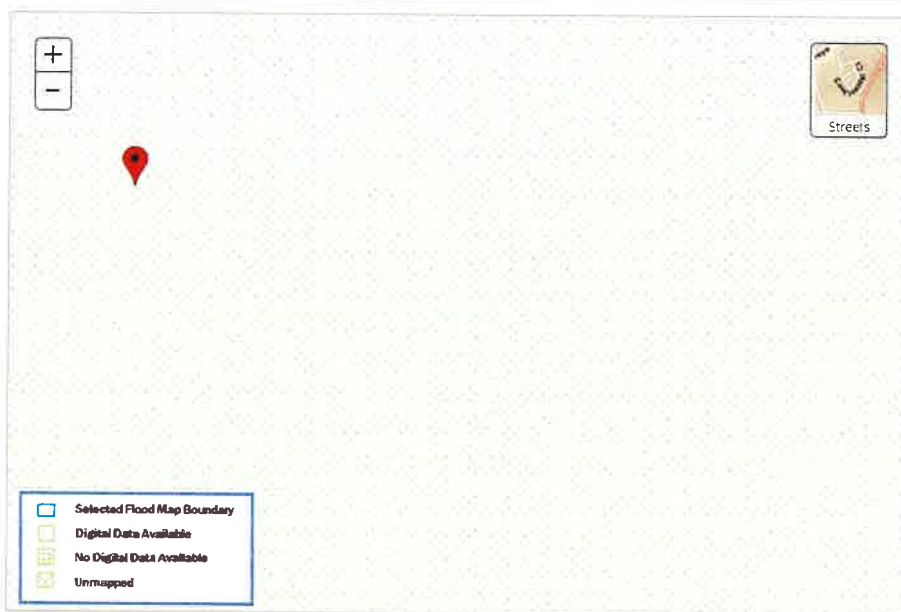
Learn more about [steps you can take \(https://www.fema.gov/what-mitigation\)](https://www.fema.gov/what-mitigation) to reduce flood risk damage.

Search Results—Products for **ANDREWS COUNTY UNINCORPORATED AREAS**

Show ALL Products » (<https://>)

FEMA has not completed a study to determine flood hazard for the selected location; therefore, a flood map has not been published at this time. You can contact your community or the FEMA FMIX for more information about flood risk and flood insurance in your community.

You can choose a new flood map or move the location pin by selecting a different location on the locator map below or by entering a new location in the search field above. It may take a minute or more during peak hours to generate a dynamic FIRMette. If you are a person with a disability, are blind, or have low vision, and need assistance, please contact a map specialist (<https://msc.fema.gov/portal/resources/contact>).



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Laboratory Analytical Results Summary
AVOGATO 30-31 COM 21H
LEAK DATE 9-10-21

| | | Sample ID | North @ Surface | East @ Surface | West @ Surface | South @ Surface |
|---------------|------------|-----------|-----------------|----------------|----------------|-----------------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | <0.150 |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | <0.300 |
| Chloride | SM4500CI-B | | 80.0 | 80.0 | 80.0 | 96.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | <10.0 |
| DRO | TPH 8015M | | <10.0 | 10.6 | 39.9 | 36.7 |
| EXT DRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | <10.0 |

| | | Sample ID | SP1 @ Surface | SP1 @ 1' | SP1 @ 2' | SP1 @ 3' | SP1 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | <0.300 | N/A |
| Chloride | SM4500CI-B | | 29600 | 720 | 112 | 48.0 | 64.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 9840 | 13.7 | <10.0 | <10.0 | N/A |
| EXT DRO | TPH 8015M | | 2380 | <10.0 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP2 @ Surface | SP2 @ 1' | SP2 @ 2' | SP2 @ 3' | SP2 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | <0.300 | N/A |
| Chloride | SM4500CI-B | | 36800 | 368 | 112 | 128 | 80.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 12600 | 39.9 | <10.0 | <10.0 | N/A |
| EXT DRO | TPH 8015M | | 3160 | <10.0 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP3 @ Surface | SP3 @ 1' | SP3 @ 2' | SP3 @ 3' |
|---------------|------------|-----------|---------------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | N/A |
| Chloride | SM4500CI-B | | 9200 | 592 | 144 | 144 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 183 | <10.0 | <10.0 | N/A |
| EXT DRO | TPH 8015M | | 70.4 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP4 @ Surface | SP4 @ 1' | SP4 @ 2' | SP4 @ 3' | SP4 @ 4' | SP5 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Ethylbenzene | BTEX 8021B | | 0.086 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Total Xylenes | BTEX 8021B | | 0.505 | <0.150 | <0.150 | <0.150 | N/A | N/A |
| Total BTEX | BTEX 8021B | | 0.591 | <0.300 | <0.300 | <0.300 | N/A | N/A |
| Chloride | SM4500CI-B | | 8660 | 432 | 576 | 80.0 | 176 | 128 |
| GRO | TPH 8015M | | <100 | <10.0 | <10.0 | <10.0 | N/A | N/A |
| DRO | TPH 8015M | | 30000 | <10.0 | <10.0 | <10.0 | N/A | N/A |
| EXT DRO | TPH 8015M | | 6130 | <10.0 | <10.0 | <10.0 | N/A | N/A |

| | | Sample ID | SP5 @ Surface | SP5 @ 1' | SP5 @ 2' | SP5 @ 3' |
|---------------|------------|-----------|---------------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | 0.123 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | 0.861 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | 0.984 | <0.300 | <0.300 | N/A |
| Chloride | SM4500CI-B | | 1390 | 32.0 | 80.0 | 96.0 |
| GRO | TPH 8015M | | <100 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 34900 | 33.4 | 13.6 | N/A |
| EXT DRO | TPH 8015M | | 8550 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP6 @ Surface | SP6 @ 1' | SP6 @ 2' | SP6 @ 3' | SP6 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 | 12/8/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | 0.314 | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | 0.443 | <0.050 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | 1.58 | <0.150 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | 2.34 | <0.300 | <0.300 | <0.300 | N/A |
| Chloride | SM4500CI-B | | 1470 | 464 | 112 | 32.0 | 16.0 |
| GRO | TPH 8015M | | <100 | <10.0 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 27300 | 53.3 | <10.0 | <10.0 | N/A |
| EXT DRO | TPH 8015M | | 7460 | <10.0 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP7 @ Surface | SP7 @ 1' | SP7 @ 2' | SP7 @ 3' | SP7 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Toluene | BTEX 8021B | | 0.130 | <0.050 | <0.050 | N/A | N/A |
| Ethylbenzene | BTEX 8021B | | 0.219 | <0.050 | <0.050 | N/A | N/A |
| Total Xylenes | BTEX 8021B | | 0.940 | <0.150 | <0.150 | N/A | N/A |
| Total BTEX | BTEX 8021B | | 1.29 | <0.300 | <0.300 | N/A | N/A |
| Chloride | SM4500CI-B | | 3480 | 464 | 176 | <16.0 | <16.0 |
| GRO | TPH 8015M | | <50.0 | <10.0 | <10.0 | N/A | N/A |
| DRO | TPH 8015M | | 20800 | 13.3 | <10.0 | N/A | N/A |
| EXT DRO | TPH 8015M | | 5370 | <10.0 | <10.0 | N/A | N/A |

Laboratory Analytical Results Summary
AVOGATO 30-31 COM 21H
LEAK DATE 9-10-21

| | | Sample ID | SP8 @ Surface | SP8 @ 1' | SP8 @ 2' | SP8 @ 3' | SP8 @ 4' |
|---------------|------------|-----------|---------------|----------|----------|----------|----------|
| Analyte | Method | Date | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | N/A | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | N/A | N/A |
| Chloride | SM4500Cl-B | | 1120 | 1360 | 160 | 16.0 | <16.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | N/A | N/A |
| DRO | TPH 8015M | | 703 | <10.0 | <10.0 | N/A | N/A |
| EXT DRO | TPH 8015M | | 191 | <10.0 | <10.0 | N/A | N/A |

| | | Sample ID | SP11 @ Surface | SP11 @ 1' | SP11 @ 2' | SP11 @ 3' | SP11 @ 4' | SP11 @ 5' |
|---------------|------------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|
| Analyte | Method | Date | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | <0.150 | N/A | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | <0.300 | N/A | N/A |
| Chloride | SM4500Cl-B | | 5600 | 528 | 256 | 80.0 | 16.0 | <16.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | <10.0 | N/A | N/A |
| DRO | TPH 8015M | | 2870 | 17.8 | 40.5 | 11.2 | N/A | N/A |
| EXT DRO | TPH 8015M | | 699 | <10.0 | <10.0 | <10.0 | N/A | N/A |

| | | Sample ID | SP9 @ Surface | SP9 @ 1' | SP9 @ 2' | SP9 @ 3' |
|---------------|------------|-----------|---------------|----------|----------|----------|
| Analyte | Method | Date | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | N/A |
| Chloride | SM4500Cl-B | | 976 | 32.0 | 16.0 | <16.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | N/A |
| DRO | TPH 8015M | | 3030 | <10.0 | <10.0 | N/A |
| EXT DRO | TPH 8015M | | 550 | <10.0 | <10.0 | N/A |

| | | Sample ID | SP10 @ Surface | SP10 @ 1' | SP10 @ 2' | SP10 @ 3' | SP10 @ 4' |
|---------------|------------|-----------|----------------|-----------|-----------|-----------|-----------|
| Analyte | Method | Date | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 | 12/9/21 |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| Benzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Toluene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Ethylbenzene | BTEX 8021B | | <0.050 | <0.050 | <0.050 | N/A | N/A |
| Total Xylenes | BTEX 8021B | | <0.150 | <0.150 | <0.150 | N/A | N/A |
| Total BTEX | BTEX 8021B | | <0.300 | <0.300 | <0.300 | N/A | N/A |
| Chloride | SM4500Cl-B | | 8400 | 672 | 320 | <16.0 | <16.0 |
| GRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | N/A | N/A |
| DRO | TPH 8015M | | 20.5 | <10.0 | <10.0 | N/A | N/A |
| EXT DRO | TPH 8015M | | <10.0 | <10.0 | <10.0 | N/A | N/A |



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

December 10, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: AVAGATO 30-31 COM 0021H

Enclosed are the results of analyses for samples received by the laboratory on 12/07/21 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP NORTH (H213529-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.91 | 95.4 | 2.00 | 2.18 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.97 | 98.5 | 2.00 | 0.267 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.97 | 98.7 | 2.00 | 0.560 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.01 | 100 | 6.00 | 0.768 | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP EAST (H213529-02)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTEx | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 10.6 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP WEST (H213529-03)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 39.9 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.0 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP SOUTH (H213529-04)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTEx | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 36.7 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.0 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 1 @ SURFACE (H213529-05)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 29600 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 9840 | 10.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | 2380 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 266 % 38.9-142

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Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/02/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 1' (H213529-06)

| BTEX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 720 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 13.7 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.2 % 38.9-142

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

Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/02/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 1 @ 2' (H213529-07)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEx | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 1 @ 3' (H213529-08)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.8 % 38.9-142

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 Fax To: (575) 397-0397

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 1 @ 4' (H213529-09)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 2 @ SURFACE (H213529-10)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEx | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 36800 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 12600 | 50.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | 3160 | 50.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 92.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 343 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 2 @ 1' (H213529-11)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 368 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | | |
| DRO >C10-C28* | 39.9 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 92.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.7 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 2 @ 2' (H213529-12)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 80.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.3 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 2 @ 3' (H213529-13)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 76.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.0 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 2 @ 4' (H213529-14)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 3 @ SURFACE (H213529-15)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 9200 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 183 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | 70.4 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.7 % 38.9-142

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Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/02/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 3 @ 1' (H213529-16)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 592 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/08/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/08/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/08/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.9 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 3 @ 2' (H213529-17)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEx | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.5 % 38.9-142

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 3 @ 3' (H213529-18)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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 Cliff Brunson
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 Fax To: (575) 397-0397

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 4 @ SURFACE (H213529-19)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | 0.086 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | 0.505 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTX | 0.591 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8660 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <100 | 100 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 30000 | 100 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | 6130 | 100 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 805 % 38.9-142

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 4 @ 1' (H213529-20)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 432 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.8 % 38.9-142

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/02/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 4 @ 2' (H213529-21)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 576 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 4 @ 3' (H213529-22)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 4 @ 4' (H213529-23)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 176 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SP 4 @ 5' (H213529-24)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

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 Fax To: (575) 397-0397

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 5 @ SURFACE (H213529-25)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | 0.123 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | 0.861 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEX | 0.984 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|-------------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1390 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <100 | 100 | 12/09/2021 | ND | 191 | 95.7 | 200 | 4.08 | |
| DRO >C10-C28* | 34900 | 100 | 12/09/2021 | ND | 218 | 109 | 200 | 0.388 | |
| EXT DRO >C28-C36 | 8550 | 100 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 130 % 44.3-133

Surrogate: 1-Chlorooctadecane 1010 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 5 @ 1' (H213529-26)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.97 | 98.3 | 2.00 | 2.21 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.93 | 96.7 | 2.00 | 1.21 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.92 | 95.9 | 2.00 | 0.823 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 5.87 | 97.8 | 6.00 | 0.283 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 33.4 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 5 @ 2' (H213529-27)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/08/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/08/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/08/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/08/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTEX | <0.300 | 0.300 | 12/08/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 13.6 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 109 % 38.9-142

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 Fax To: (575) 397-0397

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/02/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 5 @ 3' (H213529-28)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 6 @ SURFACE (H213529-29)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | 0.314 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | 0.443 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | 1.58 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTEx | 2.34 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1470 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <100 | 100 | 12/10/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | 27300 | 100 | 12/10/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | 7460 | 100 | 12/10/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 111 % 44.3-133

Surrogate: 1-Chlorooctadecane 1110 % 38.9-142

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 Fax To: (575) 397-0397

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 6 @ 1' (H213529-30)

| BTEx 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

| Chloride, SM4500Cl-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 464 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | 53.3 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 6 @ 2' (H213529-31)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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

Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 6 @ 3' (H213529-32)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 6 @ 4' (H213529-33)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 7 @ SURFACE (H213529-34)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | 0.130 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | 0.219 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | 0.940 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTEx | 1.29 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 3480 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-06 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <50.0 | 50.0 | 12/10/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 20800 | 50.0 | 12/10/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | 5370 | 50.0 | 12/10/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 107 % 44.3-133

Surrogate: 1-Chlorooctadecane 805 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 7 @ 1' (H213529-35)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 464 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 13.3 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 7 @ 2' (H213529-36)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.8 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 7 @ 3' (H213529-37)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

Sample ID: SP 7 @ 4' (H213529-38)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

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Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 8 @ SURFACE (H213529-39)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 1120 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 703 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | 191 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 121 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 8 @ 1' (H213529-40)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 1360 | 16.0 | 12/08/2021 | ND | 416 | 104 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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

Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 8 @ 2' (H213529-41)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | QR-03 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 98.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.6 % 38.9-142

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 8 @ 3' (H213529-42)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: SP 8 @ 4' (H213529-43)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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 Cliff Brunson
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 Hobbs NM, 88241
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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 9 @ SURFACE (H213529-44)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 976 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 3030 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | 550 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 169 % 38.9-142

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 9 @ 1' (H213529-45)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.6 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 9 @ 2' (H213529-46)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|--------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 85.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 9 @ 3' (H213529-47)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 10 @ SURFACE (H213529-48)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTEx | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 8400 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 20.5 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 10 @ 1' (H213529-49)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 103 | 2.00 | 0.900 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.01 | 100 | 2.00 | 0.0145 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 1.99 | 99.3 | 2.00 | 0.707 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.06 | 101 | 6.00 | 1.37 | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 672 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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

Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 10 @ 2' (H213529-50)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.00 | 100 | 2.00 | 4.68 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 102 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.04 | 102 | 2.00 | 0.412 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.25 | 104 | 6.00 | 1.67 | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 10 @ 3' (H213529-51)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: SP 10 @ 4' (H213529-52)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 11 @ SURFACE (H213529-53)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.00 | 100 | 2.00 | 4.68 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 102 | 2.00 | 1.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.04 | 102 | 2.00 | 0.412 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.25 | 104 | 6.00 | 1.67 | | |
| Total BTEX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 5600 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | S-04 | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 2870 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | 699 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 189 % 38.9-142

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Analytical Results For:

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

Received: 12/07/2021
 Reported: 12/10/2021
 Project Name: AVAGATO 30-31 COM 0021H
 Project Number: (9/10/21)
 Project Location: OXY - NEW MEXICO

Sampling Date: 12/03/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SP 11 @ 1' (H213529-54)

| BTX 8021B | | mg/kg | | Analyzed By: MS/ | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.00 | 100 | 2.00 | 4.68 | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 102 | 2.00 | 1.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.04 | 102 | 2.00 | 0.412 | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.25 | 104 | 6.00 | 1.67 | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 528 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 213 | 107 | 200 | 2.88 | |
| DRO >C10-C28* | 17.8 | 10.0 | 12/09/2021 | ND | 209 | 104 | 200 | 3.62 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 11 @ 2' (H213529-55)

| BTX 8021B | | | mg/kg | | | | | | | |
|----------------|--------|-----------------|------------------|--------------|------|------------|---------------|-------|-----------|--|
| | | | Analyzed By: MS/ | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.00 | 100 | 2.00 | 4.68 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 102 | 2.00 | 1.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.04 | 102 | 2.00 | 0.412 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.25 | 104 | 6.00 | 1.67 | | |
| Total BTX | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

| Chloride, SM4500CI-B | | | mg/kg | | | | | | | |
|----------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: AC | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 256 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | | mg/kg | | | | | | | |
|------------------|--------|-----------------|-----------------|--------------|-----|------------|---------------|------|-----------|--|
| | | | Analyzed By: MS | | | | | | | |
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 184 | 92.0 | 200 | 18.4 | | |
| DRO >C10-C28* | 40.5 | 10.0 | 12/09/2021 | ND | 206 | 103 | 200 | 4.61 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | | |

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 11 @ 3' (H213529-56)

| BTEx 8021B | | mg/kg | | Analyzed By: MS/ | | | | | | |
|----------------|--------|-----------------|------------|------------------|------|------------|---------------|-------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.00 | 100 | 2.00 | 4.68 | | |
| Toluene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.05 | 102 | 2.00 | 1.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/09/2021 | ND | 2.04 | 102 | 2.00 | 0.412 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/09/2021 | ND | 6.25 | 104 | 6.00 | 1.67 | | |
| Total BTEx | <0.300 | 0.300 | 12/09/2021 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/09/2021 | ND | 184 | 92.0 | 200 | 18.4 | |
| DRO >C10-C28* | 11.2 | 10.0 | 12/09/2021 | ND | 206 | 103 | 200 | 4.61 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/09/2021 | ND | | | | | |

Surrogate: 1-Chlorooctane 118 % 44.3-133

Surrogate: 1-Chlorooctadecane 116 % 38.9-142

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Analytical Results For:

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

| | | | |
|-------------------|-------------------------|---------------------|----------------|
| Received: | 12/07/2021 | Sampling Date: | 12/03/2021 |
| Reported: | 12/10/2021 | Sampling Type: | Soil |
| Project Name: | AVAGATO 30-31 COM 0021H | Sampling Condition: | Cool & Intact |
| Project Number: | (9/10/21) | Sample Received By: | Tamara Oldaker |
| Project Location: | OXY - NEW MEXICO | | |

Sample ID: SP 11 @ 4' (H213529-57)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

Sample ID: SP 11 @ 5' (H213529-58)

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 12/08/2021 | ND | 432 | 108 | 400 | 0.00 | | |

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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. |
| QR-04 | The RPD for the BS/BSD was outside of historical limits. |
| QR-03 | The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values. |
| 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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | |
|---|--|------------------------------|--|--------------------|--|-----------------------------|--|
| Company Name: BBC International, Inc. | | BILL TO | | P.O. #: | | ANALYSIS REQUEST | |
| Project Manager: Cliff Brunson | | Address: P.O. Box 805 | | City: Hobbs | | State: NM zip: 88241 | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | Project Owner: Oxy | | City: Address: | |
| Project Name: AVOGATO 30-31 COM 0021H (9/10/21) | | Project Location: NEW MEXICO | | State: Zip: | | Phone #: Fax #: | |
| Sampler Name: SIMON | | FOR LAB USE ONLY | | Matrix | | PRESERV | |
| Lab I.D. | | Sample I.D. | | DATE | | TIME | |
| H23589 | | SP 2 @ 1' | | 12/2/21 | | 11:52AM | |
| 11 | | SP 2 @ 2' | | 12/2/21 | | 12:05PM | |
| 12 | | SP 2 @ 3' | | 12/2/21 | | 12:46PM | |
| 13 | | SP 2 @ 4' | | 12/2/21 | | 12:59PM | |
| 14 | | SP 3 @ SURFACE | | 12/2/21 | | 1:12PM | |
| 15 | | SP 3 @ 1' | | 12/2/21 | | 1:24PM | |
| 17 | | SP 3 @ 2' | | 12/2/21 | | 1:33PM | |
| 18 | | SP 3 @ 3' | | 12/2/21 | | 1:47PM | |
| 19 | | SP 4 @ SURFACE | | 12/2/21 | | 2:02PM | |
| 20 | | SP 4 @ 1' | | 12/2/21 | | 2:14PM | |
| PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | | Relinquished By: Simon | | Date: 12-7-21 | | Received By: Gnaethana | |
| Relinquished By: Simon | | Date: 12-7-21 | | Time: 8:00am | | Received By: Gnaethana | |
| Delivered By: (Circle One) Gnaethana | | Date: 12-7-21 | | Time: 4:45pm | | Received By: Gnaethana | |
| Sampler - UPS - Bus - Other: 1.4c 0.05c | | Cool Intact | | Sample Condition | | CHECKED BY: (Initials) | |
| 0.9c #113 | | Yes Yes | | No No | | 48 | |
| † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 | | Phone Result: Yes No | | Fax Result: Yes No | | Add'l Phone #: Add'l Fax #: | |
| REMARKS: | | | | | | | |



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--------------------|---|-------------------------------------|-------------------------|------------|------|-----------------|-----------------|---------|------------|------------|---------|---------|---------|-------------------------------------|-------------------------------------|-------------------------------------|--|--|--|--|--|--|--|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | | | | | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: <i>OKY</i> | | | | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | Attn: | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 | | Address: | | | | | | | | | | | | | | | | | | | | | | |
| State: NM Zip: 88241 | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: 575-397-0397 | | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Owner: Oxy | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: AVOGATO 30-31 COM 0021H (9/10/21) | | City: | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: NEW MEXICO | | State: | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: | | Zip: | | | | | | | | | | | | | | | | | | | | | | |
| Fax #: | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: SIMON | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | | | PRESERV. | SAMPLING | | | | | | | | | | | | | | | | |
| | | | | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER : | ACID/BASE: | ICE / COOL | OTHER : | DATE | TIME | | | | | | | | | | |
| <i>H213529</i> | SP 6 @ 2' | <i>5</i> | <i>1</i> | | | | | | | | | | 12/3/21 | 9:45AM | <i>CL</i> | <i>BTEX</i> | <i>TPH EXT</i> | | | | | | | |
| <i>31</i> | SP 6 @ 3' | | | | | | | | | | | | 12/3/21 | 9:58AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>32</i> | SP 6 @ 4' | | | | | | | | | | | | 12/3/21 | 10:12AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>33</i> | SP 7 @ SURFACE | | | | | | | | | | | | 12/3/21 | 10:25AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>34</i> | SP 7 @ 1' | | | | | | | | | | | | 12/3/21 | 10:41AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>35</i> | SP 7 @ 2' | | | | | | | | | | | | 12/3/21 | 10:53AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>36</i> | SP 7 @ 3' | | | | | | | | | | | | 12/3/21 | 11:06AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>37</i> | SP 7 @ 4' | | | | | | | | | | | | 12/3/21 | 11:15AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>38</i> | SP 8 @ SURFACE | | | | | | | | | | | | 12/3/21 | 11:30AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <i>39</i> | SP 8 @ 1' | | | | | | | | | | | | 12/3/21 | 11:41AM | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | | | | | |
| <small>PLEASE NOTE: Liability and Damages. Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or resulting in the performance of services hereunder by Cardinal. Signatures of whether such claim is based upon any of the above stated reasons or otherwise.</small> | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: <i>Simon</i> | | Date: 12-7-21 | Received By: <i>Maethoma</i> | Time: 8:00 AM | | | | | | | | | | | | | | | | | | | | |
| Relinquished By: <i>Maethoma</i> | | Date: 12-7-21 | Received By: <i>Maethoma</i> | Time: 4:45 PM | | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) <i>1.4e</i> <i>2.0-0.58</i> | | Sample Condition | | | | | | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: | | <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact | | | | | | | | | | | | | | | | | | | | | | |
| | | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | |
| | | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | | | | | | |
| CHECKED BY: <i>Maethoma</i> | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS: | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 #: | | | | | | | | | | | | | | | | | | | | | | | | |

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | |
|---|--|------------------------------------|--|--------------------------|--|----------------------|--|-------------------------|--|---------------------|--|----------------------|--|
| Company Name: BBC International, Inc. | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | |
| Project Manager: Cliff Brunson | | P.O. #: | | | | | | | | | | | |
| Address: P.O. Box 805 | | Company: | | | | | | | | | | | |
| City: Hobbs | | Attn: | | | | | | | | | | | |
| Phone #: 575-397-6388 | | State: NM Zip: 88241 | | | | | | | | | | | |
| Fax #: 575-397-0397 | | Address: | | | | | | | | | | | |
| Project #: | | City: | | | | | | | | | | | |
| Project Name: AVOGATO 30-31 COM 0021H (9/10/21) | | State: | | | | | | | | | | | |
| Project Location: NEW MEXICO | | Zip: | | | | | | | | | | | |
| Sampler Name: SIMON | | Fax #: | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | |
| | | | | | | | | GROUNDWATER | | | | | |
| | | | | | | | | WASTEWATER | | | | | |
| | | | | | | | | SOIL | | | | | |
| | | | | | | | | OIL | | | | | |
| | | | | | | | | SLUDGE | | | | | |
| | | | | | | | | OTHER : | | | | | |
| | | | | | | | | ACID/BASE: | | | | | |
| | | | | | | | | ICE / COOL | | | | | |
| | | | | | | | | OTHER : | | | | | |
| | | | | | | | | DATE | | TIME | | | |
| 41 | | SP 8 @ 2' | | 12/3/21 | | 11:53AM | | ✓ | | ✓ | | ✓ | |
| 42 | | SP 8 @ 3' | | 12/3/21 | | 12:04PM | | ✓ | | ✓ | | ✓ | |
| 43 | | SP 8 @ 4' | | 12/3/21 | | 12:10PM | | ✓ | | ✓ | | ✓ | |
| 44 | | SP 9 @ SURFACE | | 12/3/21 | | 12:52PM | | ✓ | | ✓ | | ✓ | |
| 45 | | SP 9 @ 1' | | 12/3/21 | | 1:04PM | | ✓ | | ✓ | | ✓ | |
| 46 | | SP 9 @ 2' | | 12/3/21 | | 1:14PM | | ✓ | | ✓ | | ✓ | |
| 47 | | SP 9 @ 3' | | 12/3/21 | | 1:23PM | | ✓ | | ✓ | | ✓ | |
| 48 | | SP 10 @ SURFACE | | 12/3/21 | | 1:32PM | | ✓ | | ✓ | | ✓ | |
| 49 | | SP 10 @ 1' | | 12/3/21 | | 1:44PM | | ✓ | | ✓ | | ✓ | |
| 50 | | SP 10 @ 2' | | 12/3/21 | | 1:56PM | | ✓ | | ✓ | | ✓ | |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based in contract or tort or any of the above stated reasons or otherwise. | | | | | | | | | | | | | |
| Relinquished By: | | Date: 12-7-21 | | Received By: | | Date: 12-7-21 | | Time: 8:00pm | | Received By: | | Date: 12-7-21 | |
| Relinquished By: | | Time: 8:00pm | | Received By: | | Time: 8:00pm | | Received By: | | Time: 8:00pm | | Received By: | |
| Delivered By: (Circle One) | | 1.42 | | 7C-0.52 | | 0.92 #113 | | Sample Condition | | CHECKED BY: | | (Initials) | |
| Sampler - UPS - Bus - Other: | | UPS | | Bus | | Other | | Cool | | Intact | | Yes | |
| | | | | | | | | Yes | | Yes | | Yes | |
| | | | | | | | | No | | No | | No | |
| | | | | | | | | No | | No | | No | |
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| | | | | | | | | No | | No | | No</ | |

**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND 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 Name: AVOGATO 30-31 COM 0021H (9/10/21) Project Location: NEW MEXICO Sampler Name: SIMON | | P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #: | |
| FOR LAB USE ONLY | | BILL TO | |
| Lab I.D. | | ANALYSIS REQUEST | |
| Sample I.D. | | | |
| H21 3527 SP 10 @ 3' SP 10 @ 4' SP 11 @ SURFACE SP 11 @ 1' SP 11 @ 2' SP 11 @ 3' SP 11 @ 4' SP 11 @ 5' | | (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME | |
| 57 52 53 54 55 56 57 58 | | 12/3/21 2:08PM 12/3/21 2:17PM 12/3/21 2:30PM 12/3/21 2:41PM 12/3/21 2:52PM 12/3/21 3:04PM 12/3/21 3:12PM 12/3/21 3:21PM | |
| Relinquished By: <i>[Signature]</i> Date: 12-7-21 Time: 8:00PM Received By: <i>[Signature]</i> Date: 12-7-21 Time: 4:45PM | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS: | |
| Relinquished By: <i>[Signature]</i> Date: 12-7-21 Time: 8:00PM Received By: <i>[Signature]</i> Date: 12-7-21 Time: 4:45PM | | Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>[Signature]</i> (Initials) | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | 1.46 0.96 #113 | |

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

District I

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

District II

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

District III

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

District IV

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

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

CONDITIONS

Action 79320

CONDITIONS

| | |
|--|---|
| Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 79320 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| chensley | With the depth to water at 8ft bgs, the request for 90 days to remediate the site is modified to 60 days. Closure due 04/22/2022. | 2/22/2022 |