



ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

EPD Director's Office

2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
404-656-4713

February 16, 2023

MEMORANDUM

To: Karen Hays, Air Branch Chief *KH*

Through: James Boylan, Assistant Branch Chief

Through: DeAnna Oser, Ambient Monitoring Program Manager

From: Jaime Gore, Operations 1 Unit Manager

RE: General Coffee – February 10 – February 22, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of February 10 – February 22, 2022, by the Ambient Monitoring Program at our General Coffee monitoring station to characterize the EtO concentration. Each of the samples were sent to the Georgia Environmental Protection Division Laboratory (EPD) for analysis. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised.

| Location | | Date | | Qualifier | | EtO Concentration ($\mu\text{g}/\text{m}^3$) |
|----------------|--|------------|--|-----------|--|---|
| General Coffee | | 02/10/2022 | | SQ, 2 | | 0.06 |
| General Coffee | | 02/22/2022 | | SQ, 2 | | 0.06 |

If you have any questions, please let me know.

JCG

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|--|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/4/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114384 Canister Cleaned: 1/10/2022 Received By: HZ |
| Sample ID: AK93263 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr: | Date Received: 2/8/2022 Time Received: 11:18 AM Project: AIR Reporting Date: 4/19/2022 Received Temperature: 21.6 °C |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|--------------------------|--------------------|
| ETO by EPA Method TO-15 QC Batch 194894 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.5710 | ppbV | | KL 2/10/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0463 | ppbV | SQ 0.0232 | KL 2/10/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 68.4615 | ug/m3 | | KL 2/10/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.0835 | ug/m3 | SQ 0.0418 | KL 2/10/2022 | |

COMMENTS: \$ETO received in the lab at 5 psi.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Carmen Pyles 470-524-0629
 Metals: Shene Jones 470-524-0544
 Organics: Mary Bowman 470-524-0639
 GC Mass Spec: Ralph Schulz 470-524-0684
 Microbiology: Mary Bowman 470-524-0709

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LABORATORY REPORT

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|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ |
| | Date Received: 2/24/2022 Time Received: 9:57 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 23.2 °C |
| Sample ID: AK94055 Facility Name: COBB S2-QA Site ID: S2-QA Location ID: QCCAN Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.3032 | ppbV | | KL | 2/25/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0949 | ppbV | 0.0232 | KL | 2/25/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 66.5459 | ug/m3 | | KL | 2/25/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1711 | ug/m3 | 0.0418 | KL | 2/25/2022 | |

COMMENTS: \$ETO received in the lab at 3.5 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

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LABORATORY REPORT

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|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94056 Facility Name: COBB S7 Site ID: S7 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 3/9/2022 |
| | Time Received: 11:19 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 20.1 °C |
| | |

| ANALYTE | PARAMETER | EPA | | | | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|------|-----------|----------------|
| | CODE | NOTE | METHOD | RESULT | UNITS | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.2374 | ppbV | | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0593 | ppbV | SQ | 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 66.0752 | ug/m3 | | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1069 | ug/m3 | SQ | 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 4.5 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

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|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94057 Facility Name: COVINGTON C3 Site ID: C3 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 3/9/2022 |
| | Time Received: 11:19 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 20.0 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC | Range |
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6118 | ppbV | | KL | 3/11/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0774 | ppbV | 0.0232 | KL | 3/11/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 68.7533 | ug/m3 | | KL | 3/11/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1395 | ug/m3 | 0.0418 | KL | 3/11/2022 | | |

COMMENTS: \$ETO received in the lab at 6 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
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USPC: result greater than upper specification
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|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/16/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110322 Canister Cleaned: 1/25/2022 Received By: HZ |
| | Date Received: 2/21/2022 Time Received: 11:13 AM Project: AIR Reporting Date: 4/19/2022 Received Temperature: 19.7 °C |
| Sample ID: AK94059 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195060 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.0602 | ppbV | 0.0001 | KL | 2/23/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0672 | ppbV | SQ 0.0232 | KL | 2/23/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 64.8077 | ug/m3 | | KL | 2/23/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1211 | ug/m3 | SQ 0.0418 | KL | 2/23/2022 | |

COMMENTS: \$ETO received in the lab at 5.4 psi.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
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|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ |
| Sample ID: AK94060 Facility Name: COBB S6 Site ID: S6 Location ID: Location Descr: | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.0 °C |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST DATE | MCL or QC Range |
|--|-------------------|------|---------------|--------|-------|-----------------|--------------------------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.2754 | ppbV | | KL 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0873 | ppbV | 0.0232 | KL 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 66.347 | ug/m3 | | KL 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1574 | ug/m3 | 0.0418 | KL 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 5 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
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|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/21/2022 Time Collected: 0:00 Sample Collector: J.BRYANT Chlorination: Sample Type: T Received By: HZ |
| | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.2 °C |
| Sample ID: AK94061 Facility Name: COBB S2 S6 S7 FB Site ID: S2 Location ID: Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6905 | ppbV | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ppbV | ND 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.3163 | ug/m3 | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ug/m3 | ND 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 29 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

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Laboratory Contacts:

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LABORATORY REPORT

| | |
|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ |
| | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.0 °C |
| Sample ID: AK94062 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.1582 | ppbV | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0601 | ppbV | SQ 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 65.5087 | ug/m3 | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1083 | ug/m3 | SQ 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 4 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
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LABORATORY REPORT

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|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94063 Facility Name: COBB S2 Site ID: S2 Location ID: QCCAN Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.4 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6078 | ppbV | | KL | 2/25/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0770 | ppbV | 0.0232 | KL | 2/25/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 68.7247 | ug/m3 | | KL | 2/25/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1388 | ug/m3 | 0.0418 | KL | 2/25/2022 | | |

COMMENTS: \$ETO received in the lab at 3 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
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|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94064 Facility Name: DOUGLAS GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr: | Sample Collector: C. KNOX |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/17/2022 |
| | Time Received: 7:59 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.5 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|-----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 194988 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.7272 | ppbV | | KL | 2/17/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0330 | ppbV | SQ 2 | 0.0232 | KL | 2/17/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.5788 | ug/m3 | | KL | 2/17/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.0595 | ug/m3 | SQ 2 | 0.0418 | KL | 2/17/2022 | |

COMMENTS: \$ETO received in the lab at 24 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94065 Facility Name: COVINGTON C2-QA Site ID: C2-QA Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.1 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC | Range |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6220 | ppbV | | KL | 2/25/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.1061 | ppbV | 0.0232 | KL | 2/25/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 68.8263 | ug/m3 | | KL | 2/25/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1913 | ug/m3 | 0.0418 | KL | 2/25/2022 | | |

COMMENTS: \$ETO received in the lab at 8 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94066 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.2 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.5899 | ppbV | | KL | 2/25/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.1017 | ppbV | 0.0232 | KL | 2/25/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 68.5967 | ug/m3 | | KL | 2/25/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1833 | ug/m3 | 0.0418 | KL | 2/25/2022 | | |

COMMENTS: \$ETO received in the lab at 4 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114320 Canister Cleaned: 1/25/2022 Received By: HZ |
| Sample ID: AK94067 Facility Name: south dekalb Site ID: 013-089-0002 Location ID: Location Descr: | Date Received: 2/14/2022 Time Received: 11:07 AM Project: AIR Reporting Date: 4/19/2022 Received Temperature: 19.9 °C |

| ANALYTE | PARAMETER CODE NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST DATE | MCL or QC Range |
|--|------------------------|---------------|--------|-------|-----------------|--------------------------|--------------------|
| ETO by EPA Method TO-15 QC Batch 194988 | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | EPA TO-15 | 9.5962 | ppbV | | KL | 2/16/2022 | 8 to 12 |
| Ethylene Oxide | EPA TO-15 | 0.0546 | ppbV | SQ | 0.0232 | KL 2/16/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | EPA TO-15 | 68.6417 | ug/m3 | | KL | 2/16/2022 | 57.22 to 85.84 |
| Ethylene Oxide | EPA TO-15 | 0.0984 | ug/m3 | SQ | 0.0418 | KL 2/16/2022 | |

COMMENTS: \$ETO received in the lab at 5.4 psi.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94068 Facility Name: FULTON F2-QA Site ID: F2-QA Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.1 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|--------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6920 | ppbV | | KL | 2/25/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0880 | ppbV | 0.0232 | KL | 2/25/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.327 | ug/m3 | | KL | 2/25/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1586 | ug/m3 | 0.0418 | KL | 2/25/2022 | | |

COMMENTS: \$ETO received in the lab at 8 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

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ENVIRONMENTAL PROTECTION DIVISION**

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(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94069 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr: | Sample Collector: H. STREET |
| | Canister Number: 114310 |
| | Canister Cleaned: 1/25/2022 |
| | Received By: HZ |
| | Date Received: 2/14/2022 |
| | Time Received: 11:07 AM |
| | Project: AIR |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 20.1 °C |
| | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 194988 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.9450 | ppbV | | KL | 2/16/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.1029 | ppbV | 0.0232 | KL | 2/16/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 71.1367 | ug/m3 | | KL | 2/16/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1855 | ug/m3 | 0.0418 | KL | 2/16/2022 | |
| ETO NATTS QA Replicate Precision | | | | | | | | | |
| Ethylene Oxide | | | EPA TO-15 | 13.2 | %RPD | | KL | 2/17/2022 | 25 |
| ETO QA Replicate Result | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.7777 | ppbV | | KL | 2/16/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.1174 | ppbV | | KL | 2/16/2022 | |

COMMENTS: \$ETO received in the lab at 5 psi.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/10/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94070 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.2 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.5048 | ppbV | | KL | 2/25/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.1192 | ppbV | 0.0232 | KL | 2/25/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 67.9879 | ug/m3 | | KL | 2/25/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.2149 | ug/m3 | 0.0418 | KL | 2/25/2022 | | |

COMMENTS: \$ETO received in the lab at 5.5 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: T Received By: HZ |
| | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.1 °C |
| Sample ID: AK94709 Facility Name: COVINGTON C2 C3 FB Site ID: C2 Location ID: QCCAN Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.7233 | ppbV | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ppbV | ND 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.5509 | ug/m3 | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ug/m3 | ND 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 29 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
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LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/28/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94710 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr: | Sample Collector: H. STREET |
| | Canister Number: 114368 |
| | Canister Cleaned: 2/7/2022 |
| | Received By: HZ |
| | Date Received: 3/2/2022 |
| | Time Received: 11:51 AM |
| | Project: AIR |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 21.0 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | QUALIFIER | | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|--------|-----------|-----------|----------|----------|----------|-------|
| | CODE | NOTE | METHOD | | UNITS | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195187 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 8.8325 | ppbV | | KL | 3/3/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0314 | ppbV | SQ 0.0232 | KL | 3/3/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 63.179 | ug/m3 | | KL | 3/3/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.0566 | ug/m3 | SQ 0.0418 | KL | 3/3/2022 | | |

COMMENTS: \$ETO received in the lab at 5.4 psi.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
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| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
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5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94711 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 3/9/2022 |
| | Time Received: 11:19 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 20.1 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | UNITS | QUALIFIER | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.1084 | ppbV | | KL | 3/11/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.2281 | ppbV | 0.0232 | KL | 3/11/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 65.1525 | ug/m3 | | KL | 3/11/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.4112 | ug/m3 | 0.0418 | KL | 3/11/2022 | | |

COMMENTS: \$ETO received in the lab at 4.5 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

| | | |
|---------------|--------------|--------------|
| Lab Director: | Mark Tolbert | 470-524-0577 |
| Inorganics: | Carmen Pyles | 470-524-0629 |
| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
| Microbiology: | Mary Bowman | 470-524-0709 |

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
(678) 248-7384

LABORATORY REPORT

| | |
|---|--|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 Time Collected: 0:00 Sample Collector: C. CULBERT KNOX Chlorination: Sample Type: Received By: HZ |
| Sample ID: AK94716 Facility Name: DOUGLAS - GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr: | Date Received: 3/3/2022 Time Received: 9:03 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 21.2 °C |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|--------------------------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195187 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.8516 | ppbV | | KL 3/3/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0347 | ppbV | SQ 2 0.0232 | KL 3/3/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 70.4686 | ug/m3 | | KL 3/3/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.0625 | ug/m3 | SQ 2 0.0418 | KL 3/3/2022 | |

COMMENTS: \$ETO received in the lab at 22.4 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

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| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
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LABORATORY REPORT

| | |
|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ |
| | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.0 °C |
| Sample ID: AK94717 Facility Name: COVINGTON C2 Site ID: C2 Location ID: QCCAN Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6677 | ppbV | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0901 | ppbV | 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.1532 | ug/m3 | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1624 | ug/m3 | 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 7 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
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LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/21/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94718 Facility Name: FULTON F1 F2 FB Site ID: F1 Location ID: Location Descr: | Sample Collector: J. BRYANT |
| | Chlorination: |
| | Sample Type: |
| | Received By: HZ |
| | Date Received: 3/9/2022 |
| | Time Received: 11:19 AM |
| | Project: DATA STUDY |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 20.2 °C |
| | |

| ANALYTE | PARAMETER | | EPA | RESULT | QUALIFIER | | ANALYSIS | | MCL or | |
|---|-----------|------|-----------|---------|-----------|-----------|----------|-----------|----------|-------|
| | CODE | NOTE | METHOD | | UNITS | RL | ANALYST | DATE | QC Range | |
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.6734 | ppbV | | KL | 3/11/2022 | 8 to | 12 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ppbV | ND 0.0232 | KL | 3/11/2022 | | |
| ETO Results by EPA Method TO-15 | | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.1939 | ug/m3 | | KL | 3/11/2022 | 57.22 to | 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0 | ug/m3 | ND 0.0418 | KL | 3/11/2022 | | |

COMMENTS: \$ETO received in the lab at 29 in Hg.

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated
VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
| GC Mass Spec: | Ralph Schulz | 470-524-0684 |
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LABORATORY REPORT

| | |
|---|---|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ |
| | Date Received: 3/9/2022 Time Received: 11:19 AM Project: DATA STUDY Reporting Date: 4/19/2022 Received Temperature: 20.0 °C |
| Sample ID: AK94721 Facility Name: FULTON F1 Site ID: F1 Location ID: Location Descr: | |

| ANALYTE | PARAMETER CODE | NOTE | EPA METHOD | RESULT | UNITS | QUALIFIER RL | ANALYSIS ANALYST | DATE | MCL or QC Range |
|--|-------------------|------|---------------|---------|-------|-----------------|---------------------|-----------|--------------------|
| ETO by EPA Method TO-15 QC Batch 195358 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.7287 | ppbV | | KL | 3/11/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0558 | ppbV | SQ 0.0232 | KL | 3/11/2022 | |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 69.5895 | ug/m3 | | KL | 3/11/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.1006 | ug/m3 | SQ 0.0418 | KL | 3/11/2022 | |

COMMENTS: \$ETO received in the lab at 9.5 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
 ppm: parts per million
 ppb: parts per billion
 org/L: organisms/liter

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

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LABORATORY REPORT

| | |
|---|-------------------------------|
| TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354 | Date Collected: 2/22/2022 |
| | Time Collected: 0:00 |
| Sample ID: AK94724 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr: | Sample Collector: H. STREET |
| | Canister Number: 114351 |
| | Canister Cleaned: 2/7/2022 |
| | Received By: HZ |
| | Date Received: 2/24/2022 |
| | Time Received: 9:57 AM |
| | Project: AIR |
| | Reporting Date: 4/19/2022 |
| | Received Temperature: 23.1 °C |
| | |

| ANALYTE | PARAMETER | EPA | RESULT | QUALIFIER | ANALYSIS | | MCL or | | |
|---|-----------|------|-----------|-----------|----------|----|---------|-----------|----------------|
| | CODE | NOTE | | METHOD | UNITS | RL | ANALYST | DATE | QC Range |
| ETO by EPA Method TO-15 QC Batch 195107 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 9.3154 | ppbV | | KL | 2/25/2022 | 8 to 12 |
| Ethylene Oxide | | | EPA TO-15 | 0.0495 | ppbV | SQ | 0.0232 | KL | 2/25/2022 |
| ETO Results by EPA Method TO-15 | | | | | | | | | |
| Bromofluorobenzene(Surrogate QC Std.) | | | EPA TO-15 | 66.6332 | ug/m3 | | KL | 2/25/2022 | 57.22 to 85.84 |
| Ethylene Oxide | | | EPA TO-15 | 0.0892 | ug/m3 | SQ | 0.0418 | KL | 2/25/2022 |
| COMMENTS: \$ETO received in the lab at 5.2 psi. | | | | | | | | | |

ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
org/L: organisms/liter

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MCL: Maximum Contaminant Level
RL: Reporting Limit
LSPC: result less than lower specification
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| Metals: | Shene Jones | 470-524-0544 |
| Organics: | Mary Bowman | 470-524-0639 |
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