

December 2, 2022

**MEMORANDUM**

To: Karen Hays, Air Branch Chief *KH*

Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: South DeKalb August 2022 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were taken at our South DeKalb monitoring station during the month of August 2022. Samples were collected on the pressurized ATEC system. 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 codes of "1" and "6" were added to data because the pressurized system samplers used for collection had not been verified against an ethylene oxide standard prior to sampling. 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 ( $\mu\text{g}/\text{m}^3$ )
South DeKalb ATEC	08/03/2022	1, 6	0.14
South DeKalb ATEC	08/09/2022	1, 6, SQ	0.13
South DeKalb ATEC QA	08/09/2022	1, 2, 6	0.16
South DeKalb ATEC	08/15/2022	1, 6	0.15
South DeKalb ATEC	08/21/2022	1, 6, SQ	0.11
South DeKalb ATEC	08/27/2022	1, 2, 6	0.14

If you have any questions, please let me know.

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**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: 8/3/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114352 Canister Cleaned: 7/11/2022 Received By: HZ
	Date Received: 8/5/2022 Time Received: 11:26 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 21.7 °C
Sample ID: AL05259 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198047</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5786	ppbV		KL	8/9/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0795	ppbV	0.0232	KL	8/9/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.5158	ug/m3		KL	8/9/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1433	ug/m3	0.0418	KL	8/9/2022	

COMMENTS: \$ETO received in the lab at 5.8 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**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:23 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 19.6 °C
Sample ID: AL06871 Facility Name: cobb s2-qa Site ID: S2-QA Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5101	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0864	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.0259	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1557	ug/m3	0.0418	KL	8/18/2022	

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)	<b>Laboratory Contacts:</b> 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**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:34 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.6 °C
Sample ID: AL06872 Facility Name: covington c2-qa Site ID: C2-QA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.1717	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0775	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.6053	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1397	ug/m3	0.0418	KL	8/18/2022	

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  
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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: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:34 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 20.1 °C
Sample ID: AL06873 Facility Name: fulton f2-qa Site ID: F2-QA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.3706	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.1082	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.028	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.195	ug/m3	0.0418	KL	8/18/2022	

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

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 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
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 ppb: parts per billion  
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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: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/9/2022 Time Received: 11:34 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 23.6 °C
Sample ID: AL06874 Facility Name: covington c2 Site ID: C2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4105	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0820	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.3134	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1478	ug/m3	0.0418	KL	8/18/2022	

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

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 mg/kg: milligrams/kilogram  
 ug/kg: micrograms/kilogram  
 ug/g: micrograms/gram  
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 ppb: parts per billion  
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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: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:34 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.3 °C
Sample ID: AL06877 Facility Name: fulton f2 Site ID: F2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4380	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0849	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.5101	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.153	ug/m3	0.0418	KL	8/18/2022	

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

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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: 8/15/2022 Time Collected: 0:00 Sample Collector: C. KNOX Chlorination: Sample Type: Received By: HZ
	Date Received: 8/22/2022 Time Received: 11:46 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.6 °C
Sample ID: AL06878 Facility Name: GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198360</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	8.8994	ppbV		KL	8/23/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0634	ppbV	SQ 2	0.0232	KL	8/23/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	63.6575	ug/m3		KL	8/23/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1143	ug/m3	SQ 2	0.0418	KL	8/23/2022

COMMENTS: \$ETO received in the lab at 20 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab. Outlet was tripped before 8/9 scheduled run. Had to reset for 8/15.

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

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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: 8/9/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:34 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 23.5 °C
Sample ID: AL06879 Facility Name: cobb s2 Site ID: S2 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.3490	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0637	ppbV	SQ	0.0232	KL	8/18/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	66.8735	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1148	ug/m3	SQ	0.0418	KL	8/18/2022

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  
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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: 8/19/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Trip Blank Received By: HZ
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 19.9 °C
Sample ID: AL06880 Facility Name: COBB S2, S6-SA, S7-SA FB Site ID: S2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7990	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.0924	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0418	KL	9/1/2022

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  
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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: 8/15/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114334 Canister Cleaned: 7/25/2022 Received By: HZ
	Date Received: 8/17/2022 Time Received: 11:23 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 20.9 °C
Sample ID: AL06881 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198267</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4747	ppbV		KL	8/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0849	ppbV	0.0232	KL	8/18/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.7726	ug/m3		KL	8/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.153	ug/m3	0.0418	KL	8/18/2022	

COMMENTS: \$ETO received in the lab at 6.4 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  
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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: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.2 °C
Sample ID: AL06882 Facility Name: COBB S6-SA Site ID: S6-SA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5837	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0624	ppbV	SQ	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.5523	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1125	ug/m3	SQ	0.0418	KL	9/1/2022

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  
 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: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 23.8 °C
Sample ID: AL06883 Facility Name: COBB S7-SA Site ID: S7-SA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6531	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0716	ppbV	SQ	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.0487	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1291	ug/m3	SQ	0.0418	KL	9/1/2022

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:**

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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: 8/9/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110327 Canister Cleaned: 7/25/2022 Received By: HZ
	Date Received: 8/11/2022 Time Received: 11:00 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 23.1 °C
Sample ID: AL06884 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198145</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5953	ppbV		KL	8/12/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0704	ppbV	SQ	0.0232	KL	8/12/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.6353	ug/m3		KL	8/12/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1269	ug/m3	SQ	0.0418	KL	8/12/2022

COMMENTS: \$ETO received in the lab at 6 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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/9/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114321 Canister Cleaned: 7/25/2022 Received By: HZ
	Date Received: 8/11/2022 Time Received: 11:01 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 23.0 °C
Sample ID: AL06885 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198145</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.2099	ppbV		KL	8/12/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0874	ppbV	0.0232	KL	8/12/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.8785	ug/m3		KL	8/12/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1575	ug/m3	0.0418	KL	8/12/2022	
<b>ETO NATTS QA Replicate Precision</b>									
Ethylene Oxide			EPA TO-15	5.65	%RPD		KL	8/12/2022	25
<b>ETO QA Replicate Result</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.1847	ppbV		KL	8/12/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0826	ppbV	0.0232	KL	8/12/2022	

COMMENTS: \$ETO received in the lab at 4.4 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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 20.5 °C
Sample ID: AL06886 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6170	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0759	ppbV	0.0232	KL	9/1/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.7905	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1368	ug/m3	0.0418	KL	9/1/2022	

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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Trip Blank Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.9 °C
Sample ID: AL08741 Facility Name: COVINGTON C2, C3-SA FB Site ID: C2 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8241	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.2719	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0418	KL	9/1/2022

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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/21/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114311 Canister Cleaned: 8/8/2022 Received By: KL
	Date Received: 8/23/2022 Time Received: 10:58 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 20.9 °C
Sample ID: AL08746 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198538</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6351	ppbV		KL	8/30/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0613	ppbV	SQ	0.0232	KL	8/30/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.92	ug/m3		KL	8/30/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1105	ug/m3	SQ	0.0418	KL	8/30/2022

COMMENTS: \$ETO received in the lab at 5.6 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**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 24.7 °C
Sample ID: AL08749 Facility Name: COVINGTON C2 Site ID: C2 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5397	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0401	ppbV	SQ	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.2376	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0723	ug/m3	SQ	0.0418	KL	9/1/2022

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  
 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: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 20.7 °C
Sample ID: AL08751 Facility Name: FULTON F1-SA Site ID: F1-SA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4714	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.1788	ppbV	0.0232	KL	9/1/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.749	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3223	ug/m3	0.0418	KL	9/1/2022	

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  
 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: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 20.9 °C
Sample ID: AL08752 Facility Name: COVINGTON C3-SA Site ID: C3-SA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5083	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.1924	ppbV	0.0232	KL	9/1/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.013	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3468	ug/m3	0.0418	KL	9/1/2022	

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  
 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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/19/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Trip Blank Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 21.8 °C
Sample ID: AL08753 Facility Name: FULTON F2, F1-SA FB Site ID: F2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8210	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.0232	KL	9/1/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.2497	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0418	KL	9/1/2022

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  
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 LSPC: result less than lower specification  
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 TIE: Tentatively Identified or Estimated  
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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: 8/21/2022 Time Collected: 0:00 Sample Collector: C KNOX Chlorination: Sample Type: Received By: KL
	Date Received: 8/29/2022 Time Received: 9:45 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 25.5 °C
Sample ID: AL08754 Facility Name: GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198538</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	8.9346	ppbV		KL	8/30/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0471	ppbV	SQ 2	0.0232	KL	8/30/2022
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	63.9093	ug/m3		KL	8/30/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0849	ug/m3	SQ 2	0.0418	KL	8/30/2022

COMMENTS: \$ETO received in the lab at 20 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)	<b>Laboratory Contacts:</b> 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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/27/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114381 Canister Cleaned: 8/8/2022 Received By: KL
	Date Received: 8/30/2022 Time Received: 11:14 AM Project: AIR Reporting Date: 11/10/2022 Received Temperature: 24.2 °C
Sample ID: AL08755 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.2008	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0751	ppbV	0.0232	KL	9/1/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.8134	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1354	ug/m3	0.0418	KL	9/1/2022	

COMMENTS: \$ETO received in the lab at 4.4 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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**LABORATORY REPORT**

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 8/30/2022 Time Received: 11:15 AM Project: DATA STUDY Reporting Date: 11/10/2022 Received Temperature: 22.6 °C
Sample ID: AL08756 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
<b>ETO by EPA Method TO-15 QC Batch 198579</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5311	ppbV		KL	9/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.2387	ppbV	0.0232	KL	9/1/2022	
<b>ETO Results by EPA Method TO-15</b>									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.1761	ug/m3		KL	9/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.4303	ug/m3	0.0418	KL	9/1/2022	
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)	<b>Laboratory Contacts:</b> 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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