

### **ENVIRONMENTAL PROTECTION DIVISION**

February 28, 2023

#### Richard E. Dunn, Director

#### **EPD Director's Office**

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

#### **MEMORANDUM**

To: Karen Hays, Air Branch Chief \*\*A

Through: James Boylan, Assistant Branch Chief

Through: DeAnna Oser, Ambient Monitoring Program Manager

From: Jaime Gore, Operations 1 Unit Manager

RE: Fulton – March 6 – March 30, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of March 6 – March 30, 2022, by the Ambient Monitoring Program in the Fulton area 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 "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit.

Location	Date	Qualifier	EtO Concentration (µg/m³)
F2	03/06/2022	SQ, 2	0.12
F2	03/18/2022		1.93
F2	03/30/2022	SQ	0.10
F2-QA	03/06/2022		0.34
F1-SA	03/18/2022	SQ, 2	0.05

If you have any questions, please let me know.

**JCG** 

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

#### **LABORATORY REPORT**

	Date Collected:	3/6/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
- LID AVOITIO	Date Received:	3/15/2022
Sample ID: AK94712 Facility Name: COBB S2	Time Received:	10:14 AM
Site ID: S2	Project:	DATA STUDY
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	23.6 °C

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	Q UNITS	UALIFIE		ANALYS	ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19542	7								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.7924	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0355	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	70.0452	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.064	ug/m3	SQ	0.0418	KL	3/16/2022		

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

Sample ID: AK94712 Page 1

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### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/6/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120	Chlorination: Sample Type:	
Atlanta, GA 30354	Received By:	HZ
	Date Received:	3/15/2022
Sample ID: AK94713 Facility Name: COVINGTON C2-QA	Time Received:	10:14 AM
Site ID: C2-QA	Project:	DATA STUDY
Location ID: Location Descr:	Reporting Date: Received Temperature:	5/24/2022 20.3 °C

	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC I	Batch 1954:	27								
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	9.5009	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0449	ppbV	SQ	0.0232	. KL	3/16/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	67.96	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0809	ug/m3	SQ	0.0418	KL.	3/16/2022		

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
ora/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

Sample ID: AK94713 Page 1

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### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/6/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120	Chlorination:	
Atlanta, GA 30354	Sample Type:	HZ
	Received By: Date Received:	3/15/2022
Sample ID: AK94714	Time Received:	10:14 AM
Facility Name: FULTON F2-QA	Project:	DATA STUDY
Site ID: F2-QA Location ID:	•	5/24/2022
Location Descr:	Reporting Date: Received Temperature:	

	PARAMETER EPA			QUA		ANALYSIS	MCL or		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALY:	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 19542	27							
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.3632	ppbV		KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1871	ppbV	0.0232	KL	3/16/2022		
<b>ETO Results by EPA Method TO</b>	-15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	66.9751	ug/m3		KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.3373	ug/m3	0.0418	KL	3/16/2022		

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
ora/L: organisma/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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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							

Sample ID: AK94714 Page 1

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#### **LABORATORY REPORT**

Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 3/15/2022 Sample ID: AK94715 Time Received: 10:14 AM Facility Name: FULTON F2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 5/24/2022 Received Temperature: 23.7 Location Descr:

	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1954	27								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.5898	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0671	ppbV	SQ	0.0232	KL	3/16/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	68.596	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.121	ug/m3	SQ	0.0418	KL	3/16/2022		

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:** 

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

Sample ID: AK94715 Page 1

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#### **LABORATORY REPORT**

Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: C. KNOX TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 3/11/2022 Sample ID: AK94719 Time Received: 8:04 AM Facility Name: DOUGLAS - GENERAL COFFEE Project: **DATA STUDY** Site ID: 013-069-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 20.3 Location Descr:

ANALYTE	PARAMETER CODE N	R EPA IOTE METHOD	RESULT	Q UNITS	UALIFIE		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 195358									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6114	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0336	ppbV	SQ 2	0.0232	2 KL	3/11/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	68.7505	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0606	ug/m3	SQ 2	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 21.4 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) **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

Sample ID: AK94719 Page 1

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#### **LABORATORY REPORT**

Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114353 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 2/7/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 3/8/2022 Sample ID: AK94720 Time Received: 11:24 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 19.9 Location Descr:

I ANALYTE	PARAMETI CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE		ANALYS	ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19531	10								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.0065	ppbV			KL	3/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0474	ppbV	SQ	0.0232	2 KL	3/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	64.4236	ug/m3			KL	3/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0854	ug/m3	SQ	0.0418	8 KL	3/9/2022		

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

Sample ID: AK94720 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 3/15/2022 Sample ID: AK94722 Time Received: 10:14 AM Facility Name: COBB S2-QA Project: **DATA STUDY** Site ID: S2-QA Location ID: Reporting Date: 5/24/2022 Received Temperature: 24.6 Location Descr:

F	PARAMET			QI	UALIFIE			ANALYSIS	MCL	. or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL A	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 19542	27								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.4168	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0399	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	67.3585	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0719	ug/m3	SQ	0.0418	KL	3/16/2022		

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

Sample ID: AK94722 Page 1

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#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/6/2022 0:00
TO: Ga EPD Air Program	Sample Collector: Chlorination:	J. BRYANT
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Sample Type: Received By:	HZ
	Date Received:	3/15/2022
Sample ID: AK94723 Facility Name: COVINGTON C2	Time Received:	10:49 AM
Site ID: C2	Project:	DATA STUDY
Location ID: Location Descr:	Reporting Date: Received Temperature:	5/24/2022 20.14 °C

	PARAMET	ER EPA		Q	UALIFIE	ER .		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC I	Batch 1954	27								
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	9.4299	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0275	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	67.4522	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0496	ug/m3	SQ	0.0418	8 KL	3/16/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK94723 Page 1

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#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/18/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	H. STREET
EPD Air Program  EPD Air Prot Ambient Monitoring	Canister Number:	114352
4244 International Pkwy Ste 120	Canister Cleaned:	2/21/2022
Atlanta, GA 30354	Received By:	HZ
0 10 10 100	Date Received:	3/22/2022
Sample ID: AK95692 Facility Name: SOUTH DEKALB	Time Received:	11:51 AM
Site ID: 013-089-0002	Project:	AIR
Location ID: QCCAN Location Descr:	Reporting Date: Received Temperature:	5/24/2022 23.1 °C

ANALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 1955	15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.1961	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0385	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	65.7798	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0694	ug/m3	SQ	0.0418	KL	3/22/2022		

COMMENTS: \$ETO received in the lab at 5.2 psi.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK95692 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 4/1/2022 Sample ID: AK95693 Time Received: 11:18 AM Facility Name: FULTON F1-SA Project: **DATA STUDY** Site ID: F1-SA Location ID: Reporting Date: 5/24/2022 Received Temperature: 21.6 Location Descr:

I ANALYTE	PARAMETE CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE		ANALYS	ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19569	)8								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.8879	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0284	ppbV	SQ	0.0232	2 KL	4/5/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	70.7283	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0512	ug/m3	SQ	0.0418	8 KL	4/5/2022		

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

Sample ID: AK95693 Page 1

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#### **LABORATORY REPORT**

	Date Collected:	3/18/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program  EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
0 1 10 41/05004	Date Received:	4/1/2022
Sample ID: AK95694 Facility Name: COBB S6-SA	Time Received:	11:18 AM
Site ID: S6-SA	Project:	DATA STUDY
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.1 °C

I	PARAMETER CODE N	R EPA	PESIII T	QUA UNITS	LIFIER RL /		ANALYSIS	MCL QC Ra	
ANALITE	0052	1012 11102	KLJULI	UNITS	INL /	ANALIC	)  DAIL	QUIN	arige
ETO by EPA Method TO-15 QC B	atch 195698								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6270	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.7929	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	68.862	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	1.4292	ug/m3	0.0418	KL	4/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK95694 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 4/1/2022 Sample ID: AK95695 Time Received: 11:18 AM Facility Name: COVINGTON C2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 5/24/2022 Received Temperature: 19.0 Location Descr:

	PARAMET	ER EPA		Q	UALIFIE	ER		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1956	98								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.6013	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0443	ppbV	SQ	0.0232	2 KL	4/5/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	68.6782	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0799	ug/m3	SQ	0.0418	3 KL	4/5/2022		

COMMENTS: \$ETO received in the lab at 2 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

Sample ID: AK95695 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/12/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110307
4244 International Pkwy Ste 120	Canister Cleaned:	2/21/2022
Atlanta, GA 30354	Received By:	HZ
O LID AVOSCOO	Date Received:	3/15/2022
Sample ID: AK95696 Facility Name: SOUTH DEKALB	Time Received:	10:14 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.6 °C

	PARAMET	ER EPA		Q	UALIFIE	ER .		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1954	27								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.6258	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0472	ppbV	SQ	0.0232	. KL	3/16/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	68.8535	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0851	ug/m3	SQ	0.0418	KL	3/16/2022		

COMMENTS: \$ETO received in the lab at 4.8 psi.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK95696 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 4/1/2022 Sample ID: AK95697 Time Received: 11:18 AM Facility Name: COBB S7-SA Project: **DATA STUDY** Site ID: S7-SA Location ID: Reporting Date: 5/24/2022 Received Temperature: 19.1 Location Descr:

FANALYTE	PARAMETE CODE	ER EPA NOTE METHOD	DECLUT	• -	LIFIER RL /	A NI A I VC	ANALYSIS		
ANALTIE	CODE	NOTE METHOD	RESULT	UNITS	RL /	ANALIS	DAIL	QC Ra	ange
ETO by EPA Method TO-15 QC Ba	atch 19569	8							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.6993	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1061	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	69.3792	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1913	ug/m3	0.0418	KL	4/5/2022		

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

Sample ID: AK95697 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/6/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114322
4244 International Pkwy Ste 120	Canister Cleaned:	2/21/2022
Atlanta, GA 30354	Received By:	HZ
O LID AVAFORD	Date Received:	3/8/2022
Sample ID: AK95698 Facility Name: SOUTH DEKALB QA	Time Received:	11:24 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.9 °C

	PARAMETER	EPA			JALIFIE			ANALYSIS	MCL	
ANALYTE	CODE NOTE	METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 195310									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.4758	ppbV			KL	3/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0651	ppbV	SQ	0.0232	KL	3/9/2022		
ETO Results by EPA Method TO-	·15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	67.7805	ug/m3			KL	3/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1173	ug/m3	SQ	0.0418	KL	3/9/2022		
<b>ETO NATTS QA Replicate Precis</b>	ion									
Ethylene Oxide		EPA TO-15	8.15	%RPD			KL	3/10/2022		25
ETO QA Replicate Result										
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.4138	ppbV			KL	3/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0600	ppbV	SQ		KL	3/9/2022		

COMMENTS: \$ETO received in the lab at 5.2 psi.

ug/L: micrograms/liter <: less than **Laboratory Contacts:** mg/L: milligrams/liter MCL: Maximum Contaminant Level Lab Director: Mark Tolbert 470-524-0577 mg/kg: milligrams/kilogram RL: Reporting Limit Inorganics: Carmen Pyles 470-524-0629 ug/kg: micrograms/kilogram LSPC: result less than lower specification Metals: Shene Jones 470-524-0544 ug/g: micrograms/gram USPC: result greater than upper specification Organics: Mary Bowman 470-524-0639 ppm: parts per million TIE: Tentatively Identified or Estimated GC Mass Spec: Ralph Schulz 470-524-0684 ppb: parts per billion VIOL: Violation (result exceeds MCL) org/L: organisms/liter Microbiology: Mary Bowman 470-524-0709

Sample ID: AK95698 Page 1

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

### **LABORATORY REPORT**

	Date Collected:	3/18/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
O LID AVOSCOO	Date Received:	4/1/2022
Sample ID: AK95699 Facility Name: COBB S2	Time Received:	11:18 AM
Site ID: S2	Project:	DATA STUDY
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	23.5 °C

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QU UNITS	ALIFII		A ANALYST	NALYSIS DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	Batch 195698	3								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.2786	ppbV			KL	4/6/2022	8 to	12
Ethylene Oxide		EPA TO-15	1.6274	ppbV	DI	0.0464	KL	4/6/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	66.3699	ug/m3			KL	4/6/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	2.9335	ug/m3	DI	0.0836	KL	4/6/2022		

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

COMMENTS: \$ETO - EPA TO-15 - <DI> Sample required dilution due to high levels of Ethylene Oxide, reporting limits elevated due to high

levels of target compound in the sample.

COMMENTS: \$ETO-UGM3 - EPA TO-15 - <DI> Sample required dilution due to high levels of Ethylene Oxide, reporting limits elevated due to

high levels of target compound in the sample.

ug/L: micrograms/liter	<: less than	<b>Laboratory Contacts:</b>		
mg/L: milligrams/liter	MCL: Maximum Contaminant Level	Lab Director: Mar	k Tolbert	470-524-0577
mg/kg: milligrams/kilogram	RL: Reporting Limit	Inorganics: Cari	men Pyles	470-524-0629
ug/kg: micrograms/kilogram ug/g: micrograms/gram	LSPC: result less than lower specification	Metals: She	ne Jones	470-524-0544
ppm: parts per million	USPC: result greater than upper specification	Organics: Mar	y Bowman	470-524-0639
ppb: parts per billion	TIE: Tentatively Identified or Estimated	GC Mass Spec: Ralp	oh Schulz	470-524-0684
org/L: organisms/liter	VIOL: Violation (result exceeds MCL)	Microbiology: Mar	y Bowman	470-524-0709

Sample ID: AK95699 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 4/1/2022 Sample ID: AK95704 Time Received: 11:18 AM Facility Name: FULTON F2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 5/24/2022 Received Temperature: 19.7 Location Descr:

FANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL A	ΔΝΔΙ Υ	ANALYSIS	MCL QC R	
ANALITE	OODL	NOTE INCTION	RESOLI	UNITS	INL A	MALIC	,, DAIL	QC /\c	arige
ETO by EPA Method TO-15 QC B	atch 195698	8							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.3734	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	1.0708	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	67.048	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	1.9302	ug/m3	0.0418	KL	4/5/2022		

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

Sample ID: AK95704 Page 1

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

### **LABORATORY REPORT**

Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: C. KNOX TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 3/25/2022 Sample ID: AK95705 Time Received: 8:46 AM Facility Name: DOUGLAS - GENERAL COFFEE Project: **DATA STUDY** Site ID: 013-069-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 23.8 Location Descr:

	PARAMET	ER EPA		Q	UALIFIE	ER .		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1956	06								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.7929	ppbV			KL	3/29/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0407	ppbV	SQ	0.0232	2 KL	3/29/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	70.0487	ug/m3			KL	3/29/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0734	ug/m3	SQ	0.0418	KL	3/29/2022		

COMMENTS: \$ETO received in the lab at 22.6 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

Sample ID: AK95705 Page 1

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

#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/18/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT
EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120 Atlanta, GA 30354	Sample Type:	
Alianta, GA 30334	Received By:	HZ
O LID AVOSTOO	Date Received:	4/1/2022
Sample ID: AK95706 Facility Name: COVINGTON C3-SA	Time Received:	11:18 AM
Site ID: C3-SA	Project:	DATA STUDY
Location ID: Location Descr:	Reporting Date: Received Temperature:	5/24/2022 24.5 °C

	PARAMET	ER EPA		QI	UALIFIE	ER		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1956	98								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.4884	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0313	ppbV	SQ	0.0232	2 KL	4/5/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	67.8706	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0564	ug/m3	SQ	0.0418	8 KL	4/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK95706 Page 1

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

#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/10/2022 13:15
TO: Ga EPD Air Program	Sample Collector:	H. STREET
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120	Canister Number: Canister Cleaned:	114344 3/2/2022
Atlanta, GA 30354	Received By:	HZ
Comple ID: AV00477	Date Received:	3/15/2022
Sample ID: AK96177 Facility Name: SOUTH DEKALB timer	Time Received:	10:14 AM
Site ID: 013-089-0002	Project:	AIR
Location ID: QCCAN Location Descr:	Reporting Date: Received Temperature:	5/24/2022 20.4 °C

ANALYTE	PARAMETER CODE NOT	EPA E METHOD	RESULT	QU UNITS	IALIFIE		A NALYS	ANALYSIS r date	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 195427									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	8.9019	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0335	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	63.6754	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0604	ug/m3	SQ	0.0418	KL	3/16/2022		

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

Sample ID: AK96177 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/10/2022
	Time Collected:	13:15
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114375
4244 International Pkwy Ste 120	Canister Cleaned:	3/2/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 1/20470	Date Received:	3/15/2022
Sample ID: AK96178 Facility Name: SOUTH DEKALB QA timer	Time Received:	10:14 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	22.9 °C

ANALYTE	PARAMETER EPA CODE NOTE METHOD F		RESULT	QUALIFIER SULT UNITS			ANALYS	S MCL or QC Range		
ETO by EPA Method TO-15 QC B	atch 19542	7								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	8.8417	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0459	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	63.2448	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0827	ug/m3	SQ	0.0418	KL	3/16/2022		

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

Sample ID: AK96178 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/10/2022
	Time Collected:	13:15
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114320
4244 International Pkwy Ste 120	Canister Cleaned:	3/2/2022
Atlanta, GA 30354	Received By:	HZ
	Date Received:	3/15/2022
Sample ID: AK96179 Facility Name: SOUTH DEKALB no timer	Time Received:	10:14 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	19.5 °C

	PARAMET	PARAMETER EPA			QUALIFIER			ANALYSIS	MCL or		
ANALYTE	CODE NOTE METHOD RESULT		RESULT	UNITS RL			ANALY:	ST DATE	QC R	QC Range	
ETO by EPA Method TO-15 QC E	Batch 1954:	27									
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	9.3024	ppbV			KL	3/17/2022	8 to	12	
Ethylene Oxide		EPA TO-15	0.0688	ppbV	SQ	0.0232	. KL	3/17/2022			
<b>ETO Results by EPA Method TO</b>	-15										
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	66.5402	ug/m3			KL	3/17/2022	57.22 to	85.84	
Ethylene Oxide		EPA TO-15	0.124	ug/m3	SQ	0.0418	KL.	3/17/2022			

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

Sample ID: AK96179 Page 1

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

#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/10/2022 13:15
TO: Co EDD Air Drawners	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114310
4244 International Pkwy Ste 120	Canister Cleaned:	3/2/2022
Atlanta, GA 30354	Received By:	HZ
Orangia ID. AVOO400	Date Received:	3/15/2022
Sample ID: AK96180 Facility Name: SOUTH DEKALB QA no timer	Time Received:	10:14 AM
Site ID: 013-089-0002	Project:	AIR
Location ID: Location Descr:	Reporting Date: Received Temperature:	5/24/2022 20.1 °C

FANALYTE	PARAMETEI CODE	R EPA NOTE METHOD	RESULT	QUA UNITS	ΔΝΔΙ Υ	ANALYSIS ST DATE	MCL or QC Range		
ANALITE		1012=	KLOOLI	ONTO	RL A	11171E I 1	J1	9071	ango
ETO by EPA Method TO-15 QC Ba	atch 195427	7							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.2902	ppbV		KL	3/17/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0768	ppbV	0.0232	KL	3/17/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	66.4529	ug/m3		KL	3/17/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1384	ug/m3	0.0418	KL	3/17/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK96180 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114341 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 3/2/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 3/16/2022 Sample ID: AK96181 Time Received: 11:02 AM Facility Name: SOUTH DEKALB timer Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 19.6 Location Descr:

I		ARAMETER EPA			QUALIFIER			ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	TE METHOD RESULT		UNITS RL		ANALYS	T DATE	QC Range	
ETO by EPA Method TO-15 QC B	atch 19548	32								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6820	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0296	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	69.2555	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0534	ug/m3	SQ	0.0418	KL	3/18/2022		

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 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

Sample ID: AK96181 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 110337 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 3/2/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 3/16/2022 Sample ID: AK96182 Time Received: 11:02 AM Facility Name: SOUTH DEKALB QA timer Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 23.5 Location Descr:

ANALYTE	PARAMETER EPA CODE NOTE METHOD R		RESULT	QUAL ESULT UNITS			ANALYS	ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19548	32								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.4626	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0673	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	67.6861	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1213	ug/m3	SQ	0.0418	KL	3/18/2022		

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 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

Sample ID: AK96182 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/14/2022
	Time Collected:	11:45
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114392
4244 International Pkwy Ste 120	Canister Cleaned:	3/2/2022
Atlanta, GA 30354	Received By:	HZ
O LIB AVGOVO	Date Received:	3/16/2022
Sample ID: AK96183 Facility Name: SOUTH DEKALB no timer	Time Received:	11:02 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	21.5 °C

ANALYTE	PARAMETER EPA CODE NOTE METHOD RI		RESULT	QUALIFIER UNITS RL				ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19548	2								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.0448	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0409	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-	·15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	64.6976	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0737	ug/m3	SQ	0.0418	KL	3/18/2022		

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 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

Sample ID: AK96183 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114331 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 3/2/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 3/16/2022 Sample ID: AK96184 Time Received: 11:02 AM Facility Name: SOUTH DEKALB QA no timer Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 5/24/2022 Received Temperature: 24.1 Location Descr:

F	ARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC Range	
ETO by EPA Method TO-15 QC B	atch 19548	32								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.1250	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0526	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	65.2712	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0948	ug/m3	SQ	0.0418	KL	3/18/2022		

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 <: 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

Sample ID: AK96184 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/16/2022
	Time Collected:	9:20
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110325
4244 International Pkwy Ste 120	Canister Cleaned:	3/8/2022
Atlanta, GA 30354	Received By:	HZ
O LID AVGOCOF	Date Received:	3/22/2022
Sample ID: AK96295 Facility Name: SOUTH DEKALB timer	Time Received:	11:51 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	21.7 °C

I ANALYTE	PARAMETER EPA CODE NOTE METHOD RESULT		Ql UNITS	QUALIFIER NITS RL			ANALYSIS T DATE	<b>MCL or</b> QC Range		
ETO by EPA Method TO-15 QC B	atch 19551	5								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.4678	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0398	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	67.7233	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0717	ug/m3	SQ	0.0418	KL	3/22/2022		

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

Sample ID: AK96295 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/16/2022
	Time Collected:	9:20
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110255
4244 International Pkwy Ste 120	Canister Cleaned:	3/8/2022
Atlanta, GA 30354	Received By:	HZ
O LID AVGOCCO	Date Received:	3/22/2022
Sample ID: AK96296 Facility Name: SOUTH DEKALB QA timer	Time Received:	11:51 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.9 °C

I	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 1955	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.4466	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0520	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	67.5716	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0937	ug/m3	SQ	0.0418	KL	3/22/2022		

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

Sample ID: AK96296 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/16/2022
	Time Collected:	9:20
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110343
4244 International Pkwy Ste 120	Canister Cleaned:	3/8/2022
Atlanta, GA 30354	Received By:	HZ
O	Date Received:	3/22/2022
Sample ID: AK96297 Facility Name: SOUTH DEKALB no timer	Time Received:	11:51 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	21.7 °C

F	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 1955	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.2010	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0434	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	65.8149	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0782	ug/m3	SQ	0.0418	KL	3/22/2022		

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

Sample ID: AK96297 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/16/2022
	Time Collected:	9:20
TO: Ga EPD Air Program	Sample Collector:	H. STREET
EPD Air Prot Ambient Monitoring	Canister Number:	86335
4244 International Pkwy Ste 120	Canister Cleaned:	3/8/2022
Atlanta, GA 30354	Received By:	HZ
Constants ID: Al/Occop	Date Received:	3/22/2022
Sample ID: AK96298 Facility Name: SOUTH DEKALB QA no timer	Time Received:	11:51 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.3 °C

	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC I	Batch 1955	15								
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	9.2713	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0579	ppbV	SQ	0.0232	2 KL	3/22/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	66.3177	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1044	ug/m3	SQ	0.0418	KL	3/22/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK96298 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/29/2022			
	Time Collected:	0:00			
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT			
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:				
4244 International Pkwy Ste 120	Sample Type:				
Atlanta, GA 30354	Received By:	HZ			
O LID AVGOVOE	Date Received:	4/13/2022			
Sample ID: AK96405 Facility Name: COBB S2 FB	Time Received:	11:51 AM			
Site ID: S2	Project:	DATA STUDY			
Location ID:	Reporting Date:	5/24/2022			
Location Descr:	Received Temperature:	24.5 °C			

ANALYTE	PARAMETER EPA CODE NOTE METHOD RESUL		RESULT	Q UNITS	UALIFIE			ANALYSIS T DATE	MCL or QC Range		
ETO by EPA Method TO-15 QC B	atch 19592	.0									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.9601	ppbV			KL	4/19/2022	8 to	12	
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022			
ETO Results by EPA Method TO-	15										
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	71.2447	ug/m3			KL	4/19/2022	57.22 to	85.84	
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022			

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 Microbiology: Mary Bowman 470-524-0709

Sample ID: AK96405 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/30/2022		
	Time Collected:	0:00		
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:			
4244 International Pkwy Ste 120	Sample Type:			
Atlanta, GA 30354	Received By:	HZ		
O LID AVGOVO	Date Received:	4/13/2022		
Sample ID: AK96406 Facility Name: COBB S2	Time Received:	11:51 AM		
Site ID: S2	Project:	DATA STUDY		
Location ID:	Reporting Date:	5/24/2022		
Location Descr:	Received Temperature:	22.9 °C		

I ANALYTE	PARAMETER EPA CODE NOTE METHOD RES		RESULT	QI UNITS	UALIFIE		ANALYS	IS MCL or QC Range		
ETO by EPA Method TO-15 QC B	atch 19592	:0								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.6095	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0358	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	68.7369	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0645	ug/m3	SQ	0.0418	KL	4/19/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/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

Sample ID: AK96406 Page 1

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

#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/28/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT
EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120 Atlanta, GA 30354	Sample Type:	
	Received By:	HZ
Sample ID: AK96407	Date Received:	4/14/2022
Facility Name: COVINGTON C2 FB	Time Received:	11:50 AM
Site ID: C2	Project:	DATA STUDY
Location ID: Location Descr:	Reporting Date: Received Temperature:	5/24/2022 21.6 °C

ANALYTE	PARAMETER CODE N	R EPA NOTE METHOD	RESULT	QI UNITS	UALIFIE			ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	Satch 195920	1								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.7457	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	69.7111	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022		

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 Microbiology: Mary Bowman 470-524-0709

Sample ID: AK96407 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/30/2022			
	Time Collected:	0:00			
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT			
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:				
4244 International Pkwy Ste 120	Sample Type:				
Atlanta, GA 30354	Received By:	HZ			
0	Date Received:	4/14/2022			
Sample ID: AK96408 Facility Name: COVINGTON C2	Time Received:	11:51 AM			
Site ID: C2	Project:	DATA STUDY			
Location ID:	Reporting Date:	5/24/2022			
Location Descr:	Received Temperature:	23.2 °C			

FANALYTE	PARAMETER CODE N	R EPA	RESULT	QUA UNITS	LIFIER RL /	ANAI Y	ANALYSIS ST DATE	MCL QC R	
	-		NEGOE I	OHITO	1(2 /			4071	ango
ETO by EPA Method TO-15 QC B	atch 195920								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.1754	ppbV		KL	4/19/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0773	ppbV	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	65.6317	ug/m3		KL	4/19/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1393	ug/m3	0.0418	KL	4/19/2022		

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

Sample ID: AK96408 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/30/2022			
	Time Collected:	0:00			
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT			
TO: Ga EPD Air Program  EPD Air Prot Ambient Monitoring	Chlorination:				
4244 International Pkwy Ste 120	Sample Type:				
Atlanta, GA 30354	Received By:	HZ			
0 1 10 41/00/00	Date Received:	4/14/2022			
Sample ID: AK96409 Facility Name: FULTON F2	Time Received:	11:51 AM			
Site ID: F2	Project:	DATA STUDY			
Location ID:	Reporting Date:	5/24/2022			
Location Descr:	Received Temperature:	21.9 °C			

F		ARAMETER EPA			QUALIFIER			ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19592	20								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.4586	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0565	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	67.6575	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1018	ug/m3	SQ	0.0418	KL	4/19/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK96409 Page 1

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

#### **LABORATORY REPORT**

	Date Collected: Time Collected:	3/29/2022 0:00
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT
EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120 Atlanta, GA 30354	Sample Type:	
Aliania, GA 30354	Received By:	HZ
O-marks ID: AV00440	Date Received:	4/14/2022
Sample ID: AK96410 Facility Name: FULTON F2 FB	Time Received:	11:51 AM
Site ID: F2	Project:	DATA STUDY
Location ID:	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	19.6 °C

ANALYTE	PARAMETI CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 19592	20								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.7338	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	69.626	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter <: less than **Laboratory Contacts:** MCL: Maximum Contaminant Level Lab Director: Mark Tolbert 470-524-0577 mg/kg: milligrams/kilogram RL: Reporting Limit Inorganics: Carmen Pyles 470-524-0629 ug/kg: micrograms/kilogram LSPC: result less than lower specification Metals: Shene Jones 470-524-0544 ug/g: micrograms/gram USPC: result greater than upper specification Organics: Mary Bowman 470-524-0639 ppm: parts per million TIE: Tentatively Identified or Estimated GC Mass Spec: Ralph Schulz 470-524-0684 ppb: parts per billion VIOL: Violation (result exceeds MCL) org/L: organisms/liter Microbiology: Mary Bowman 470-524-0709

Sample ID: AK96410 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/30/2022			
	Time Collected:	0:00			
TO: Co EDD Air Program	Sample Collector:	C. KNOX			
TO: Ga EPD Air Program  EPD Air Prot Ambient Monitoring	Chlorination:				
4244 International Pkwy Ste 120	Sample Type:				
Atlanta, GA 30354	Received By:	HZ			
0 1 10 1/20144	Date Received:	4/8/2022			
Sample ID: AK96411 Facility Name: douglas - general coffee	Time Received:	7:51 AM			
Site ID: 013-069-0002	Project:	DATA STUDY			
Location ID:	Reporting Date:	5/24/2022			
Location Descr:	Received Temperature:	20.3 °C			

ANALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	Q UNITS	UALIFIE		A ANALYST	NALYSIS DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 19578	35								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.8688	ppbV			KL	4/8/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0391	ppbV	SQ 2	0.0232	2 KL	4/8/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	70.5916	ug/m3			KL	4/8/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0705	ug/m3	SQ 2	0.0418	3 KL	4/8/2022		

COMMENTS: \$ETO received in the lab at 20.8 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

Sample ID: AK96411 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	3/24/2022
	Time Collected:	0:00
TO: Co CDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110259
4244 International Pkwy Ste 120	Canister Cleaned:	3/7/2022
Atlanta, GA 30354	Received By:	HZ
O LID AVGOVIO	Date Received:	3/28/2022
Sample ID: AK96412 Facility Name: SOUTH DEKALB	Time Received:	10:57 AM
Site ID: 013-089-0002	Project:	AIR
Location ID: QCCAN	Reporting Date:	5/24/2022
Location Descr:	Received Temperature:	20.1 °C

F	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19560	06								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.8340	ppbV			KL	3/29/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0458	ppbV	SQ	0.0232	KL	3/29/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	70.3427	ug/m3			KL	3/29/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0826	ug/m3	SQ	0.0418	KL	3/29/2022		

COMMENTS: \$ETO received in the lab at 5.2 psi.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AK96412 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 3/30/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 110315 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 3/7/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 4/1/2022 Sample ID: AK96413 Time Received: 11:18 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 5/24/2022 Received Temperature: 20.5 Location Descr:

					•				
ANALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL <i>A</i>	NALYS	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 1956	52							
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.5182	ppbV		KL	4/1/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0756	ppbV	0.0232	KL	4/1/2022		
<b>ETO Results by EPA Method TO-</b>	15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	68.0838	ug/m3		KL	4/1/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1363	ug/m3	0.0418	KL	4/1/2022		
COMMENTS: \$ETO received in the	lab at 5 psi.								

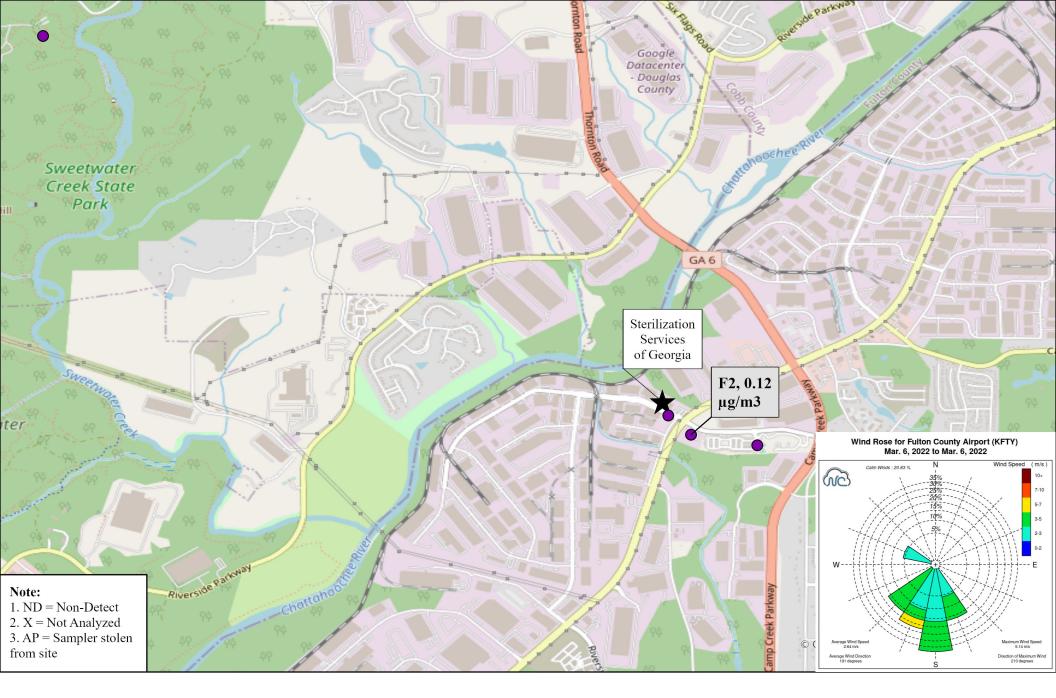
ug/L: micrograms/liter
mg/L: milligrams/liter
mg/kg: milligrams/kilogram
ug/kg: micrograms/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion
ora/L: organisms/liter

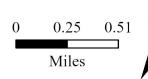
<: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit

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

Sample ID: AK96413 Page 1





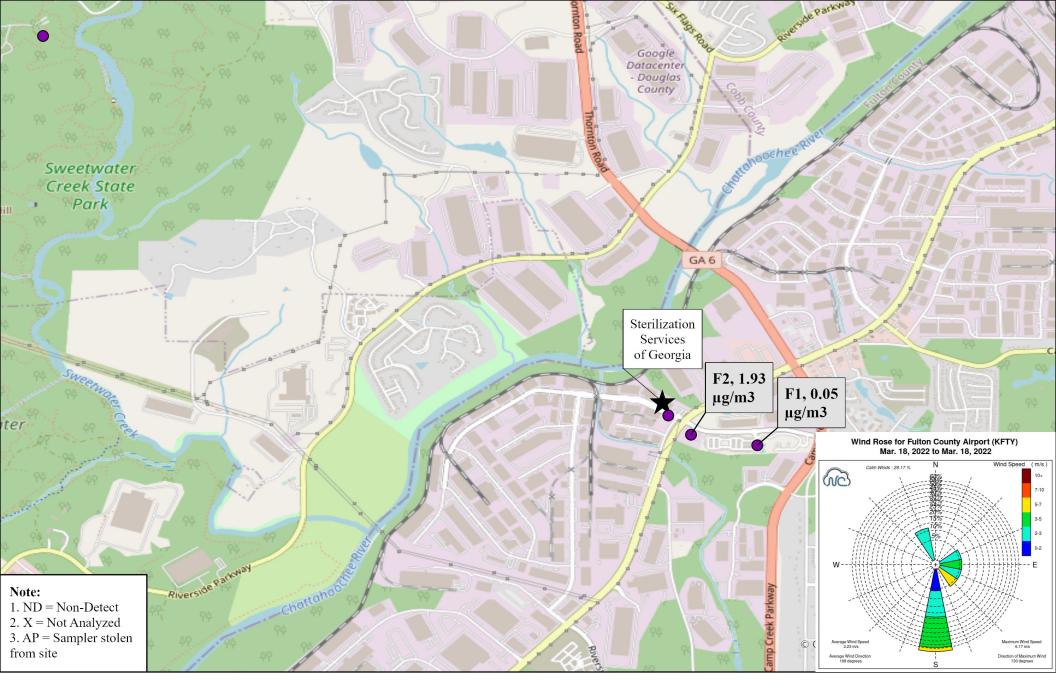
Site ID, Concentration (µg/m3)

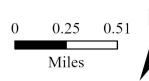
Ethylene Oxide Sampling Fulton County, GA

03/06/2022

Sampled By: Georgia Environmental Protection Division Analyzed By: Georgia Environmental Protection Division







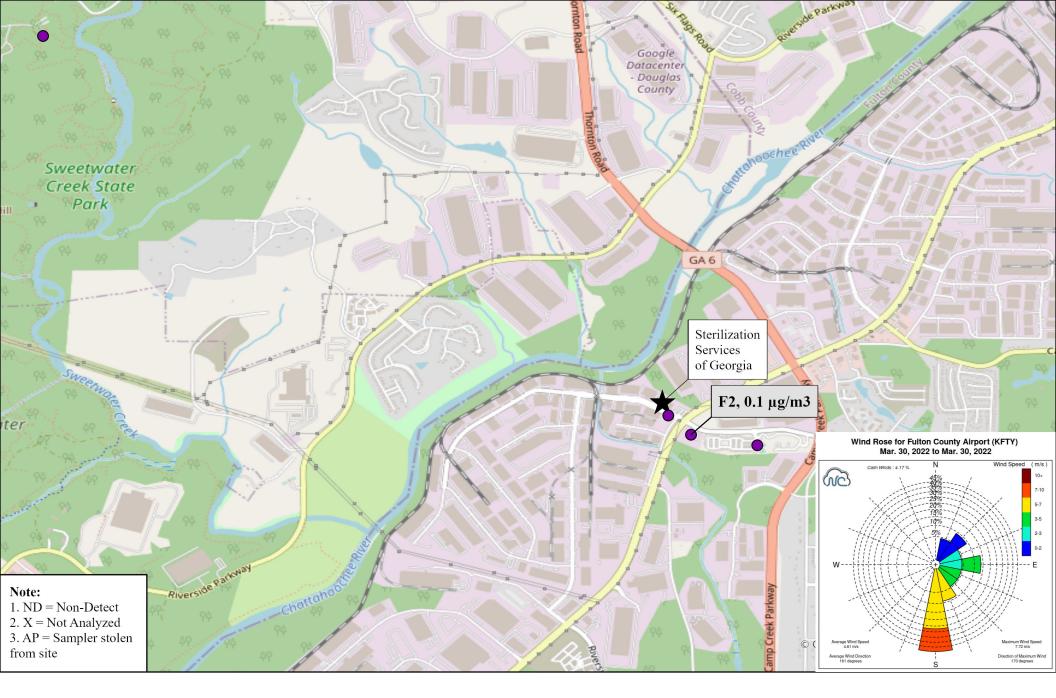
Site ID, Concentration (µg/m3)

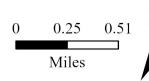
Ethylene Oxide Sampling Fulton County, GA

03/18/2022

Sampled By: Georgia Environmental Protection Division Analyzed By: Georgia Environmental Protection Division







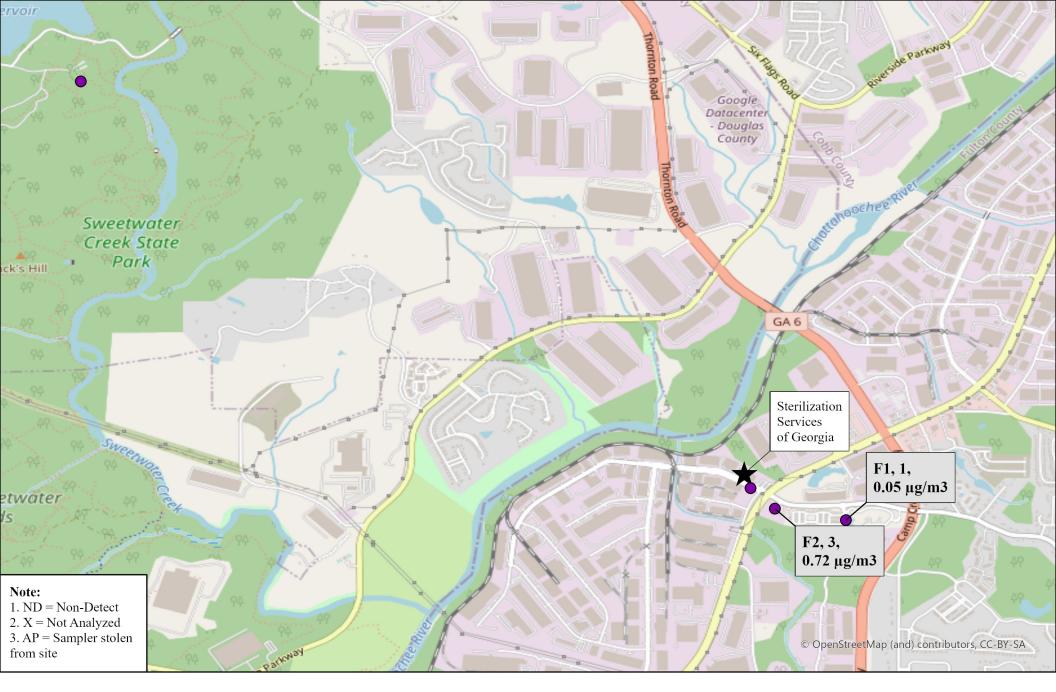
Site ID, Concentration (µg/m3)

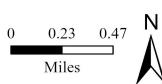
Ethylene Oxide Sampling Fulton County, GA

03/30/2022

Sampled By: Georgia Environmental Protection Division Analyzed By: Georgia Environmental Protection Division







Site ID, Number of Samples, Concentration (μg/m3)

Ethylene Oxide Sampling Fulton County, GA

March 2022 Site Average Values

Note: Not detectable values were included in average calculations as a value of 0.

Sampled By: Georgia Environmental Protection Division Analyzed By: Georgia Environmental Protection Division



ENVIRONMENTAL PROTECTION DIVISION