

Environmental Protection Division

May 3, 2023

# **MEMORANDUM**

James Boylan, Air Branch Chief To:

Through: DeAnna Oser, Assistant Branch Chief

From: Jaime Gore, Operations 1 Unit Manager

RE: Fulton – July 4 – July 28, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of July 4 – July 28, 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.

Location	Date	Qualifier	EtO Concentration (µg/m <sup>3</sup> )
F2	07/04/2022		0.16
F2	07/16/2022		0.26
F2	07/28/2022		0.26
F2-QA	07/04/2022		0.28
F1-SA	07/16/2022	2	0.29

If you have any questions, please let me know.

JCG

#### **Richard E. Dunn, Director**

**EPD Director's Office** 2 Martin Luther King, Jr. Drive Suite 1456, East Tower Atlanta, Georgia 30334 404-656-4713



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

# LABORATORY REPORT

				Date Collected:	7/4/	/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	7/1:	2/2022		
Sample ID: AL03105				Time Received:	12:	07 PM		
Facility Name: COBB S2-QA Site ID: S2-QA				Project:	DA	TA STUDY		
Location ID: QCCAN				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu	re: 24.3	3 °C		
PARAMI	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl Ai	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	7573							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7554	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0830	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.7805	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1496	ug/m3	0.0418	KL	7/14/2022		

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: Lab Director: Mark Tolber Inorganics: Carmen Pyl Metals: Shene Jone Organics: Mary Bowm GC Mass Spec: Ralph Schu Microbiology: Mary Bowm	es 470-524-0629 s 470-524-0544 an 470-524-0639 z 470-524-0684
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# LABORATORY REPORT

TO: Ga EPD Air Program				Date Collected: Time Collected: Sample Collector:	7/10/20 0:00 J. BRY	-		
EPD Air Prot Ambient Monit 4244 International Pkwy Ste Atlanta, GA 30354				Canister Number: Canister Cleaned: Received By:	111218 6/13/2 HZ	-		
Sample ID: AL03106				Date Received: Time Received:	7/12/20	-		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID:				Project: Reporting Date:	AIR 9/26/20			
Location Descr:				Received Temperatur	re: 24.5	٥C		
	RAMETER EPA CODE NOTE METHOD	RESULT		QUALIFIER IS RL AN	ANA NALYST D	ALYSIS ATE	MCL QC R	
ETO by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	AL	ppbV		KL 7/	14/2022	8 to	12
Ethylene Oxide	EPA TO-15	AL	ppbV	0.0232	KL 7/	14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	AL	ug/m3		KL 7/	14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	AL	ug/m3	0.0418	KL 7/	14/2022		

COMMENTS: \$ETO received in the lab at 17 in Hg. VOID.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/g: micrograms/kilogram ug/g: micrograms/kilogram 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)	Inorganics: Carr Metals: Sher Organics: Mary GC Mass Spec: Ralp	Comparison         Comparison <thcomparison< th="">         Comparison         Comparis</thcomparison<>	
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# LABORATORY REPORT

				Date Collected:	7/	4/2022		
				Time Collected:	0:	00		
				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:	H	Z		
				Date Received:	7/	12/2022		
Sample ID: AL03113				Time Received:	12	2:08 PM		
Facility Name: COBB S2 Site ID: S2				Project:	D	ATA STUDY		
Location ID: QCCAN				Reporting Date:	9/	26/2022		
Location Descr:				Received Temperat	ure: 24	.2 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	7573							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4743	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0847	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.7698	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1527	ug/m3	0.0418	KL	7/14/2022		

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

ug/L: micrograms/liter<: less than	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

				Date Collected:	7/-	4/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	Z		
				Date Received:	7/	12/2022		
Sample ID: AL03114				Time Received:	12	2:07 PM		
Facility Name: FULTON F2 Site ID: F2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	9/	26/2022		
Location Descr:				Received Temperat				
PARAM	IETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	rs RL A	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97573							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6444	ppbV		KL	7/14/2022	8 to	1:
Ethylene Oxide	EPA TO-15	0.0878	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.9865	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1583	ug/m3	0.0418	KL	7/14/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram 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 Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0544 470-524-0639 470-524-0684
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# LABORATORY REPORT

			T				
				Date Collected:	7/4/2022		
				Time Collected:	0:00		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	114394		
4244 International Pkwy Ste 120				Canister Cleaned:	6/13/2022		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	7/7/2022		
Sample ID: AL03115				Time Received:	11:37 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperature	: 21.9 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl an/	ALYST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1975	05						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3417	ppbV	ł	KL 7/12/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1075	ppbV	0.0232 k	KL 7/12/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.9743	ug/m3	ł	KL 7/12/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1938	ug/m3	0.0418 k	KL 7/12/2022		

COMMENTS: \$ETO received in the lab at 5.6 psi.

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

				Date Collected:	7/4/2022		
				Time Collected:	0:00		
				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		
				Date Received:	7/12/2022		
Sample ID: AL03116 Facility Name: COVINGTON C2				Time Received:	12:08 PM		
Site ID: C2				Project:	DATA STUDY		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperatur	e: 24.0 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RL AN	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1975	573						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5677	ppbV		KL 7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1319	ppbV	0.0232	KL 7/14/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.4379	ug/m3		KL 7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2378	ug/m3	0.0418	KL 7/14/2022		

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

				Date Collected:		/2022		
				Time Collected:	0:0	0		
TO: Co EPD Air Brogrom				Sample Collector:	J. E	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			
				Date Received:	7/1	2/2022		
Sample ID: AL03117				Time Received:	12:	08 PM		
Facility Name: FULTON F2-QA Site ID: F2-QA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu	re: 24.3	3 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rla	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1975	73							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6230	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1557	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.8334	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2807	ug/m3	0.0418	KL	7/14/2022		

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)	Inorganics: Metals: Organics: GC Mass Spec:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

				Date Collected:	7/	4/2022		
				Time Collected:	0:	00		
				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:	H	Z		
				Date Received:	7/	12/2022		
Sample ID: AL03118				Time Received:	12	2:07 PM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	9/	26/2022		
Location Descr:				Received Temperatu	ure: 24	l.5 ∘C		
PARAME	FER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLA	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1975	573							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6156	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1153	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.7805	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2078	ug/m3	0.0418	KL	7/14/2022		

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 Tol Inorganics: Carmen Metals: Shene Jo Organics: Mary Bov GC Mass Spec: Ralph Sc Microbiology: Mary Bov	Pyles 470-524-0629 mes 470-524-0544 vman 470-524-0639 hulz 470-524-0684	
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# LABORATORY REPORT

				Date Collected:	7/1	0/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	110	)349		
4244 International Pkwy Ste 120				Canister Cleaned:	6/1	3/2022		
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	7/1:	2/2022		
Sample ID: AL03119				Time Received:	12:	08 PM		
Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002				Project:	AIR	2		
Location ID:				Reporting Date:		6/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA		•	QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RLA	NALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 197	573							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4101	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1074	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.3106	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1936	ug/m3	0.0418	KL	7/14/2022		

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 Tolbe: Inorganics: Carmen Py Metals: Shene Jone Organics: Mary Bowm GC Mass Spec: Ralph Schu Microbiology: Mary Bowm	les 470-524-0629 es 470-524-0544 han 470-524-0639 lz 470-524-0684	
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# LABORATORY REPORT

					Date Collec Time Collec			/4/2022 :00		
					Sample Col		-			
TO: Ga EPD Air Program EPD Air Prot Ambient Moni	toring				Chlorination		Ū			
4244 International Pkwy Sto					Sample Typ					
Atlanta, GA 30354					Received B		Н	IZ		
					Date Receiv		7	/8/2022		
Sample ID: AL03120					Time Receiv	/ed:	1	2:43 PM		
Facility Name: General Coffee Site ID: 013-069-0002					Project:		D	ATA STUDY		
Site ID: 013-069-0002 Location ID:					Reporting D	ate:		/26/2022		
Location Descr:					Received Te			1.6 °C		
PA	RAMETI CODE	ER EPA NOTE METHOD	RESULT		QUALIFIE		ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Bate	ch 19750	)5								
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	10.3221	ppbV			KL	7/12/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0458	ppbV	SQ 2	0.0232	KL	7/12/2022		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	73.8341	ug/m3			KL	7/12/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0826	ug/m3	SQ 2	0.0418	6 KL	7/12/2022		

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)	Laboratory Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

				Date Collect	ted:	7/	16/2022		
				Time Collec	ted:	0:	00		
				Sample Col	ector:	C.	KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ing			Chlorination	:				
4244 International Pkwy Ste 1				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	H	Z		
				Date Receiv	ved:	7/	25/2022		
Sample ID: AL04051				Time Receiv	/ed:	10	):28 AM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	9/	26/2022		
Location Descr:				Received Te		ture: 21	.6 °C		
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DDE NOTE METHOD	RESULT	UNIT	ſS	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	197793								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0574	ppbV			KL	7/26/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0463	ppbV	SQ 2	0.0232	KL	7/26/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.7877	ug/m3			KL	7/26/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0835	ug/m3	SQ 2	0.0418	KL	7/26/2022		

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)	Laboratory Contacts: Lab Director: Mark Tolbert Inorganics: Carmen Pyle Metals: Shene Jones Organics: Mary Bowma GC Mass Spec: Ralph Schulz Microbiology: Mary Bowma	470-524-0544 n 470-524-0639 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:	7/*	16/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorinatior	n:				
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	HZ	2		
				Date Receiv	/ed:	8/	1/2022		
Sample ID: AL04052				Time Recei	ved:	11	:12 AM		
Facility Name: COBB S2 Site ID: S2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	ate:	9/2	26/2022		
Location Descr:				Received T		ture: 19	.8 °C		
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNI	ſS	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97922								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2424	ppbV			KL	8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0447	ppbV	SQ	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.111	ug/m3			KL	8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0806	ug/m3	SQ	0.0418	KL	8/2/2022		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collected:	7/16/2022		
				Time Collected:	0:00		
				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		
				Date Received:	8/1/2022		
Sample ID: AL04053				Time Received:	11:12 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:	DATA STUDY		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperatur			
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl an	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1979	22						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1904	ppbV		KL 8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0762	ppbV	0.0232	KL 8/2/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.739	ug/m3		KL 8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1374	ug/m3	0.0418	KL 8/2/2022		

COMMENTS: \$ETO received in the lab at 6.5 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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collected:	7/1	6/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. I	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	rina			Chlorination:				
4244 International Pkwy Ste				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	8/1	/2022		
Sample ID: AL04054				Time Received:	11:	12 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu	ire: 20.	5 °C		
PAR	AMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT	UNI	rs rl a	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	197922							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4189	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1440	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.3735	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2596	ug/m3	0.0418	KL	8/2/2022		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1				-
				Date Collected:	7/16/2022		
				Time Collected:	0:00		
				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		
				Date Received:	8/1/2022		
Sample ID: AL04055				Time Received:	11:12 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DATA STU	DY	
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperatur	e: 23.4 °C	;	
PARAME	TER EPA			QUALIFIER	ANALYS	SIS MCL o	)r
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl an	ALYST DATE	QC Rang	ge
ETO by EPA Method TO-15 QC Batch 197	922						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3091	ppbV		KL 8/2/20	22 8 to	12
Ethylene Oxide	EPA TO-15	0.0950	ppbV	0.0232	KL 8/2/20	22	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.5881	ug/m3		KL 8/2/20	22 57.22 to 8	5.84
Ethylene Oxide	EPA TO-15	0.1712	ug/m3	0.0418	KL 8/2/20	22	

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 million 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)	Inorganics: Metals: Organics: GC Mass Spec:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

				Date Collected:	7/1	6/2022		
				Time Collected:	0:0			
				Sample Collector:	J. E	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			
				Date Received:	8/1	/2022		
Sample ID: AL04056				Time Received:	11:	13 AM		
Facility Name: COBB S7-SA Site ID: S7-SA				Project:	DA	TA STUDY		
Site ID: S7-SA Location ID:				Reporting Date:		6/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI		NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	922							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2823	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1181	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.3964	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2129	ug/m3	0.0418	KL	8/2/2022		

COMMENTS: \$ETO received in the lab at 6.5 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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

				Date Collected:	7/1	6/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	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			
				Date Received:	8/1	/2022		
Sample ID: AL04057				Time Received:	11:	13 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu				
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	7922							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4308	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1632	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.4586	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2942	ug/m3	0.0418	KL	8/2/2022		

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

			I						
				Date Collec	ted:	7/2	16/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	HZ	2		
				Date Receiv	ved:	8/*	1/2022		
Sample ID: AL04058				Time Recei	ved:	11	:12 AM		
Facility Name: COVINGTON C3-SA Site ID: C3-SA				Project:		DA	ATA STUDY		
Location ID:				Reporting D	Date:	9/2	26/2022		
Location Descr:				Received T		ure: 21	.4 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1979	22								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2160	ppbV			KL	8/2/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0702	ppbV	SQ	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.9222	ug/m3			KL	8/2/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1265	ug/m3	SQ	0.0418	KL	8/2/2022		

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

				Date Collected:	7,	/16/2022		
				Time Collected:	0	:00		
				Sample Collector:	н	. STREET		
TO: Ga EPD Air Program				Canister Number:	1	14350		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cleaned:		/27/2022		
Atlanta, GA 30354					-			
,				Received By:	Н	_		
Sample ID: AL 04060				Date Received:	7/	/19/2022		
Sample ID: AL04060 Facility Name: SOUTH DEKALB QA				Time Received:	1:	2:16 PM		
Site ID: 013-089-0002				Project:	А	IR		
Location ID:				Reporting Date:	9	/26/2022		
Location Descr:				Received Temperat		3.4 °C		
PARAME				QUALIFIER		ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1977	'17							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5733	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0923	ppbV	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.4779	ug/m3		KL	7/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1664	ug/m3	0.0418	KL	7/21/2022		
ETO NATTS QA Replicate Precision								
Ethylene Oxide	EPA TO-15	8.00	%RPD		KL	7/21/2022		25
ETO QA Replicate Result								
ETO QA Replicate Result Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7068	ppbV		KL	7/21/2022	8 to	12

COMMENTS: \$ETO received in the lab at 0.5 in Hg.

mg/kg: milligrams/kilogramRL: Reporting LimitIIug/kg: micrograms/kilogramLSPC: result less than lower specificationMug/g: micrograms/gramUSPC: result greater than upper specificationMppm: parts per millionTIE: Tentatively Identified or EstimatedG	Inorganics: Metals: Organics: GC Mass Spec:	Carmen Pyles Shene Jones Mary Bowman Ralph Schulz	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

			I				
				Date Collected:	7/22/2022		
				Time Collected:	0:00		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a			Canister Number:	111215		
4244 International Pkwy Ste 120				Canister Cleaned:	6/27/2022		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	7/26/2022		
Sample ID: AL04061				Time Received:	1:26 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperature:	23.5 °C		
PARAM	ETER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs rl ana	LYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	7846						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3684	ppbV	ĸ	CL 7/28/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0841	ppbV	0.0232 K	CL 7/28/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.0123	ug/m3	ĸ	CL 7/28/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1516	ug/m3	0.0418 K	L 7/28/2022		

COMMENTS: \$ETO received in the lab at 0 psi.

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

		Date Collected:	7/2	22/2022		
		Time Collected:	0:0	00		
		Sample Collector:	Н.	STREET		
		-	11	0336		
		Received By:	H	2		
		Date Received:	7/2	26/2022		
		Time Received:	1::	26 PM		
		Proiect:	AI	R		
		,				
		Received Temperatu	e. 20	.5 -0		
		QUALIFIER		ANALYSIS	MCL	or
RESULT	UNI	TS RL AI	VALYS	ST DATE	QC Ra	ange
9.1838	ppbV		KL	7/28/2022	8 to	12
0.0923	ppbV	0.0232	KL	7/28/2022		
65.6918	ug/m3		KL	7/28/2022	57.22 to	85.84
0.1664	ug/m3	0.0418	KL	7/28/2022		
9.49	%RPD		KL	7/28/2022		25
9.1243	ppbV		KL	7/28/2022	8 to	12
	0.0923 65.6918 0.1664	9.1838 ppbV 0.0923 ppbV 65.6918 ug/m3 0.1664 ug/m3	Time Collected:         Sample Collector:         Canister Number:         Canister Cleaned:         Received By:         Date Received:         Time Received:         Project:         Reporting Date:         Received Temperature         9.1838       ppbV         0.0923       ppbV         0.0923       ppbV         0.0232         65.6918       ug/m3         0.1664       ug/m3	Time Collected:       0:         Sample Collector:       H.         Canister Number:       11         Canister Cleaned:       6/         Received By:       H2         Date Received:       7//         Time Received:       1:         Project:       Al         Reporting Date:       9//         Received Temperature:       26         QUALIFIER       RL         ANALYS         9.1838       ppbV         ppbV       0.0232         KL       0.0232         0.0923       ppbV         0.0232       KL         65.6918       ug/m3       0.0418         0.1664       ug/m3       0.0418	Fine ConcordNumberTime Collected:0:00Sample Collector:H. STREETCanister Number:110336Canister Cleaned:6/27/2022Received By:HZDate Received:7/26/2022Time Received:1:26 PMProject:AIRReporting Date:9/26/2022Received Temperature:26.5 °CQUALIFIERANALYSISRESULTNumber9.1838ppbV0.0232KL7/28/20220.0923ppbV0.0232KL7/28/202265.6918ug/m30.0418KL7/28/2022	Time Collected:       0:00         Sample Collector:       H. STREET         Canister Number:       110336         Canister Cleaned:       6/27/2022         Received By:       HZ         Date Received:       7/26/2022         Time Received:       1:26 PM         Project:       AIR         Reporting Date:       9/26/2022         Received Temperature:       26.5 °C         QUALIFIER         ANALYSIS       MCL         QC Rate       QC Rate         9.1838       ppbV       KL       7/28/2022       8 to         0.0923       ppbV       0.0232       KL       7/28/2022       8 to         0.0923       ppbV       0.0418       KL       7/28/2022       57.22 to

COMMENTS: \$ETO received in the lab at 0 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)	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles hene Jones ary Bowman alph Schulz	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
org/L: organisms/liter	VIOL: Violation (result exceeds MCL)	Microbiology: Ma	ary Bowman	470-524-0709	

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# LABORATORY REPORT

				Date Collected:	7/1	6/2022		
				Time Collected:	0:0	0		
				Sample Collector:	Н. 3	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ina			Canister Number:	114	4321		
4244 International Pkwy Ste 1				Canister Cleaned:	6/2	27/2022		
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	7/1	9/2022		
Sample ID: AL04063				Time Received:	12:	16 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIF	र		
Location ID:				Reporting Date:		6/2022		
Location Descr:				Received Temperatu				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	ODE NOTE METHOD	RESULT	UNIT	S RLA	NALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch	197717							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3725	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0853	ppbV	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.0416	ug/m3		KL	7/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1538	ug/m3	0.0418	KL	7/21/2022		

COMMENTS: \$ETO received in the lab at 4.8 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 Tolbe Inorganics: Carmen Py Metals: Shene Jon Organics: Mary Bowr GC Mass Spec: Ralph Schu Microbiology: Mary Bowr	les 470-524-0629 es 470-524-0544 nan 470-524-0639 Jlz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collected:	7/2	2/2022		
				Time Collected:	0:0	0		
				Sample Collector:	Н. 3	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ina			Canister Number:	117	7224		
4244 International Pkwy Ste 12				Canister Cleaned:	6/2	7/2022		
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	7/2	6/2022		
Sample ID: AL04064				Time Received:	1:2	5 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIF	ξ		
Location ID:				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DDE NOTE METHOD	RESULT	UNIT	S RL A	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	197846							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5010	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0862	ppbV	0.0232	KL	7/28/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.9608	ug/m3		KL	7/28/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1554	ug/m3	0.0418	KL	7/28/2022		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			I						
				Date Collec	ted:	7/	16/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	H.	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	14309		
4244 International Pkwy Ste 120				Canister Cl	eaned:	6/	/27/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Receiv	ved:	7/	19/2022		
Sample ID: AL04065 Facility Name: SOUTH DEKALB				Time Recei	ved:	12	2:16 PM		
Site ID: 013-089-0002				Project:		AI	IR		
Location ID:				Reporting D	Date:	9/	26/2022		
Location Descr:				Received T	emperat	ure: 25	5.6 °C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	717								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5131	ppbV			KL	7/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0704	ppbV	SQ	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.0473	ug/m3			KL	7/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1269	ug/m3	SQ	0.0418	KL	7/21/2022		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1				— – – – – – – – – – – – – – – – – – – –
				Date Collected:	7/16/2022		
				Time Collected:	0:00		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	114332		
4244 International Pkwy Ste 120				Canister Cleaned:	6/27/2022		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	7/19/2022		
Sample ID: AL04066				Time Received:	12:16 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperature	e: 21.7 °C		
PARAME	TER EPA			QUALIFIER	ANALYSI	S MCI	L or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl an	ALYST DATE	QC F	Range
ETO by EPA Method TO-15 QC Batch 197	717						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9223	ppbV		KL 7/21/202	2 8 to	12
Ethylene Oxide	EPA TO-15	0.0838	ppbV	0.0232	KL 7/21/202	2	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.8213	ug/m3		KL 7/21/202	2 57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1511	ug/m3	0.0418	KL 7/21/202	2	

COMMENTS: \$ETO received in the lab at 0.5 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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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# LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Moni 4244 International Pkwy Ste Atlanta, GA 30354				Date Collec Time Collec Sample Col Canister Nu Canister Clo Received B	ted: lector: imber: eaned:	0: H. 11	26/2022 00 . STREET 14393 (11/2022 7		
Sample ID: AL05250 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:				Date Receiv Time Receiv Project: Reporting D Received T	ved: ved: vate:	11 Al 9/	26/2022		
PA ANALYTE	RAMETER EPA CODE NOTE METHOD	RESULT	UNIT	QUALIFIE IS		ANALY	ANALYSIS ST DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC Bate Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15	EPA TO-15 EPA TO-15	9.3502 0.0488	ppbV ppbV	SQ	0.0232	KL KL	8/2/2022 8/2/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15 EPA TO-15	66.8821 0.088	ug/m3 ug/m3	SQ	0.0418	KL KL	8/2/2022 8/2/2022	57.22 to	85.84

COMMENTS: \$ETO received in the lab at 5.8 psi. This is an ETO makeup sample for 7-10-2022.

ug/L: micrograms/liter mg/L: milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification ppb: parts per billion org/L: organisms/literug/L: micrograms/kilogram ug/g: micrograms/gram ppm: parts per billion org/L: organisms/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit USPC: 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- Inorganics: Carmen Pyles 470-524- Metals: Shene Jones 470-524- Organics: Mary Bowman 470-524- GC Mass Spec: Ralph Schulz 470-524- Microbiology: Mary Bowman 470-524-	-0629 -0544 -0639 -0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:	7/2	26/2022		
				Time Collec	cted:	0:0	00		
				Sample Col	lector:	H.	STREET		
TO: Ga EPD Air Program				Canister Nu	ımber.	11	4391		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cle			11/2022		
Atlanta, GA 30354									
<i>,</i>				Received B		HZ	-		
Sample ID: AL 05251				Date Receiv	ved:	7/2	29/2022		
Sample ID: AL05251 Facility Name: SOUTH DEKALB QA				Time Recei	ved:	11	:56 AM		
Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ato.	/۵	26/2022		
Location Descr:				Received T					
					empera				
PARAMET				QUALIFIE			ANALYSIS		
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1979	22								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3607	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0492	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.9572	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0887	ug/m3	SQ	0.0418	KL KL	8/3/2022		
ETO NATTS QA Replicate Precision									
Ethylene Oxide	EPA TO-15	14.9	%RPD			KL	8/3/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3520	ppbV			KL	8/3/2022	8 to	12

COMMENTS: \$ETO received in the lab at 5.2 psi. This is an ETO makeup sample for 7-10-2022.

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

# LABORATORY REPORT

				Date Collec	ted:	7/:	28/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorinatior	ı:				
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received B		HZ	2		
				Date Receiv	/ed:	8/	5/2022		
Sample ID: AL05252				Time Recei	ved:	11	:26 AM		
Facility Name: COBB S2 Site ID: S2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	ate:	9/2	26/2022		
Location Descr:				Received T		ture: 21	.4 °C		
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	rs	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	98047								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1504	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0482	ppbV	SQ	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.4529	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0869	ug/m3	SQ	0.0418	KL	8/9/2022		

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 million 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)	Inorganics: Metals: Organics: GC Mass Spec:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1				
				Date Collected:	7/22/2022		
				Time Collected:	0:00		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Canister Number:	110259		
4244 International Pkwy Ste 120				Canister Cleaned:	7/11/2022		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	7/26/2022		
Sample ID: AL05253				Time Received:	1:26 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR		
Location ID:				Reporting Date:	9/26/2022		
Location Descr:				Received Temperature	: 24.9 °C		
PARAM	ETER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RL AN/	ALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	7846						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7705	ppbV	ł	<pre><l 2022<="" 28="" 7="" pre=""></l></pre>	8 to	12
Ethylene Oxide	EPA TO-15	0.0880	ppbV	0.0232 k	KL 7/28/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8885	ug/m3	ł	KL 7/28/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1586	ug/m3	0.0418 k	<pre>KL 7/28/2022</pre>		

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

				Date Collec	ted:	7/:	27/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	a			Chlorinatior	n:				
4244 International Pkwy Ste 12				Sample Typ	e:	Tr	ip Blank		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Receiv	/ed:	8/	5/2022		
Sample ID: AL05254				Time Recei	ved:	11	I:26 AM		
Facility Name: COBB S2 FB Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	9/2	26/2022		
Location Descr:				Received T	empera	ture: 21	.6 °C		
PARA	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	rs	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	98047								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9073	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	2 KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.867	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	B KL	8/9/2022		

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 Tolber Inorganics: Carmen Pyle Metals: Shene Jone Organics: Mary Bowm GC Mass Spec: Ralph Schul Microbiology: Mary Bowm	es 470-524-0629 s 470-524-0544 an 470-524-0639 z 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:	7/2	28/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	HZ	2		
				Date Receiv	ved:	8/5	5/2022		
Sample ID: AL05255				Time Recei	ved:	11	:26 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	Date:	9/2	26/2022		
Location Descr:				Received T		ure: 20.	.1 °C		
PARAME	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1980	47								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2166	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0640	ppbV	SQ	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.9264	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1154	ug/m3	SQ	0.0418	KL	8/9/2022		

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

# LABORATORY REPORT

							/		
				Date Collec	ted:		26/2022		
				Time Collect	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:	Tri	p Blank		
Atlanta, GA 30354				Received B	y:	HZ	2		
				Date Receiv	ved:	8/5	5/2022		
Sample ID: AL05256				Time Recei	ved:	11	:26 AM		
Facility Name: COVINGTON C2 FB Site ID: C2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	)ate:		26/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1980	47								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7783	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.9443	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	8/9/2022		

COMMENTS: \$ETO received in the lab at 28 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 Tolber Inorganics: Carmen Pyle Metals: Shene Jone Organics: Mary Bowma GC Mass Spec: Ralph Schul Microbiology: Mary Bowma	es 470-524-0629 s 470-524-0544 an 470-524-0639 z 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1						
				Date Collec	ted:	7/2	27/2022		
				Time Collec	ted:	0:0	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	HZ	<u>,</u>		
				Date Recei	ved:	8/5	5/2022		
Sample ID: AL05257 Facility Name: FULTON F2 FB				Time Recei	ved:	11	:26 AM		
Site ID: F2				Project:		DA	TA STUDY		
Location ID:				Reporting D	Date:	9/2	26/2022		
Location Descr:				Received T	empera	ture: 22.	6 °C		
PARAME	TER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs	RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 198	047								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8780	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.6574	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	8/9/2022		

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

# LABORATORY REPORT

				Date Collect			28/2022		
				Time Collec	ted:	0:0	00		
TO: Co EBD Air Brogrom				Sample Col	ector:	С	KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received By		HZ	2		
				Date Receiv	ved:	8/8	3/2022		
Sample ID: AL05258				Time Receiv	/ed:	3:3	35 PM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		DA	ATA STUDY		
Location ID: QCCAN				Reporting D	ato.		26/2022		
Location Descr:				Received Te					
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 198	047								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9930	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0486	ppbV	SQ 2	0.0232	2 KL	8/9/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.327	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0876	ug/m3	SQ 2	0.0418	8 KL	8/9/2022		

COMMENTS: \$ETO received in the lab at 19.6 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter<: less than	Laboratory Contacts: Lab Director: Mark Tolbert Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

						= 10			
				Date Collec			28/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	q			Canister Nu	umber:	11	4389		
4244 International Pkwy Ste 12				Canister Cl	eaned:	7/2	1/2022		
Atlanta, GA 30354				Received B	y:	HZ			
				Date Receiv	ved:	8/1	/2022		
Sample ID: AL05260 Facility Name: SOUTH DEKALB			Time Received:			11:13 AM			
Site ID: 013-089-0002				Project:		All	२		
Location ID:				Reporting D	)ate:	9/2	26/2022		
Location Descr:				Received T	empera	ture: 21.	0 °C		
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	rs	RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	97922								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1856	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0491	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.7047	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0885	ug/m3	SQ	0.0418	KL KL	8/3/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			I						
				Date Collec	ted:	7/2	8/2022		
				Time Collec	ted:	0:0	0		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Canister Nu	umber:	114	4322		
4244 International Pkwy Ste 12				Canister Cl	eaned:	7/1	1/2022		
Atlanta, GA 30354				Received B	y:	HZ			
				Date Receiv	ved:	8/1	/2022		
Sample ID: AL05261 Facility Name: SOUTH DEKALB			Time Received:			11:12 AM			
Site ID: 013-089-0002				Project:		AIF	र		
Location ID:				Reporting D	Date:	9/2	6/2022		
Location Descr:				Received T		ture: 21.	7 °C		
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNIT	S	RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97922								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1790	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0488	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.6575	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.088	ug/m3	SQ	0.0418	KL	8/3/2022		

COMMENTS: \$ETO received in the lab at 1 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 Tol Inorganics: Carmen Metals: Shene Jo Organics: Mary Bov GC Mass Spec: Ralph Sc Microbiology: Mary Bov	Pyles 470-524-0629 mes 470-524-0544 vman 470-524-0639 hulz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collected:	7/2	8/2022		
				Time Collected:	0:0	0		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Sample Collector:	J. E	BRYANT		
				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	8/5	/2022		
Sample ID: AL05262				Time Received:	11:	26 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	9/2	6/2022		
Location Descr:				Received Temperatu	re: 20.	1 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	NOTE METHOD	RESULT	UNI	TS RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 198	047							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4133	ppbV		KL	8/9/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1439	ppbV	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.3334	ug/m3		KL	8/9/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2594	ug/m3	0.0418	KL	8/9/2022		

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

# LABORATORY REPORT

				Date Collec	ted:	7/2	28/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program				Canister Nu	ımber:	11	4379		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cl			11/2022		
Atlanta, GA 30354									
				Received B		HZ			
Sample ID: AL05263				Date Receiv	ved:	8/*	1/2022		
Sample ID: AL05263 Facility Name: south dekalb ga				Time Recei	ved:	11	:13 AM		
Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:	9/:	26/2022		
Location Descr:				Received T					
					emperat	uro			
PARAMET				QUALIFIE			ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1979	22								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7100	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0560	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.4557	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1009	ug/m3	SQ	0.0418	KL	8/3/2022		
ETO NATTS QA Replicate Precision									
Ethylene Oxide	EPA TO-15	6.40	%RPD			KL	8/3/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7431	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0597	ppbV	SQ	0.0232	KL	8/3/2022		

COMMENTS: \$ETO received in the lab at 1 in Hg.

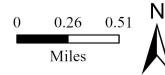
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated	Inorganics: Metals: Organics:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0639	
ppm: parts per million ppb: parts per billion org/L: organisms/liter	TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	GC Mass Spec:		470-524-0039 470-524-0684 470-524-0709	

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

# LABORATORY REPORT

Ethylene Oxide COMMENTS: \$ETO received in ti	no lab at 5 6 pc	EPA TO-15	0.1491	ug/m3	0.0418	KL	8/2/2022		
Bromofluorobenzene(Surrogate QC	Std.)	EPA TO-15	70.6467	ug/m3		KL	8/2/2022	57.22 to	85.84
ETO Results by EPA Method T									
Ethylene Oxide		EPA TO-15	0.0827	ppbV	0.0232	KL	8/2/2022		
ETO by EPA Method TO-15 QC Bromofluorobenzene(Surrogate QC		EPA TO-15	9.8765	ppbV		KL	8/2/2022	8 to	1:
ANALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIER IS RL A	NALY	ANALYSIS ST DATE	MCL QC R	
Location Descr:					Received Temperatu	ire: 19	.9 °C		
Location ID:					Reporting Date:	9/	26/2022		
Site ID: 013-089-0002	-				Project:	AI	R		
Facility Name: SOUTH DEKAL	В				Time Received:	11	:12 AM		
Sample ID: AL05264				Date Received:		1/2022			
					Received By:	H	Z		
4244 International Pkv Atlanta, GA 30354	wy Ste 120	20			Canister Cleaned:		11/2022		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring					•		114378		
							STREET		
					Time Collected:		00		
					Date Collected:		28/2022		





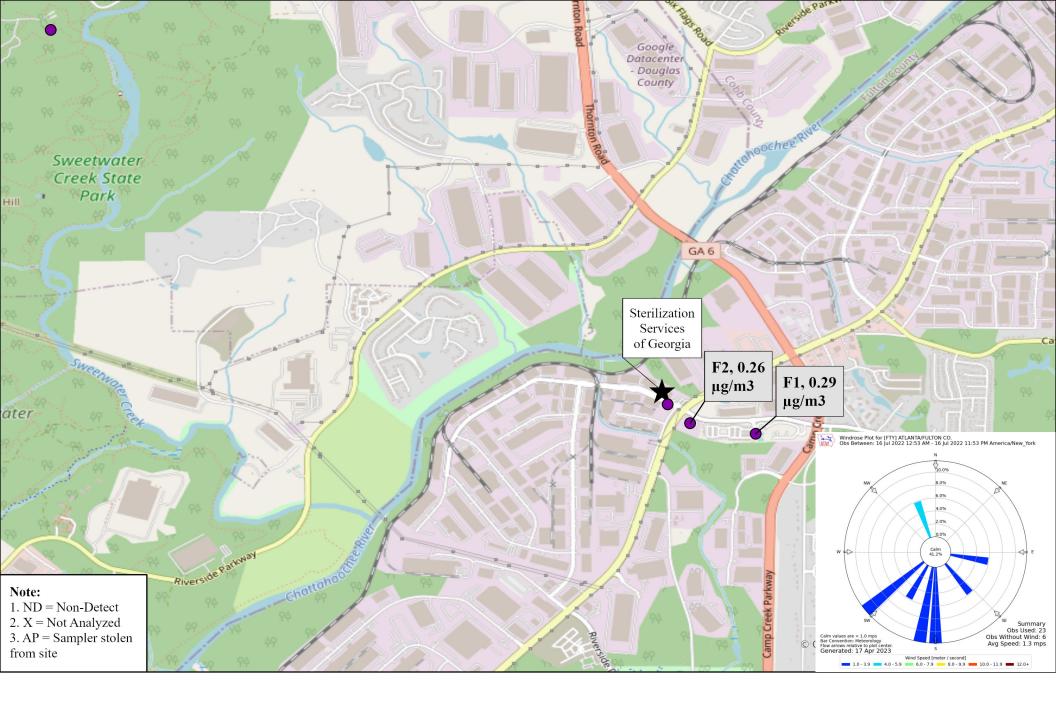
Site ID, Concentration (µg/m3)

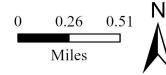
Ethylene Oxide Sampling Fulton County, GA

07/04/2022

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







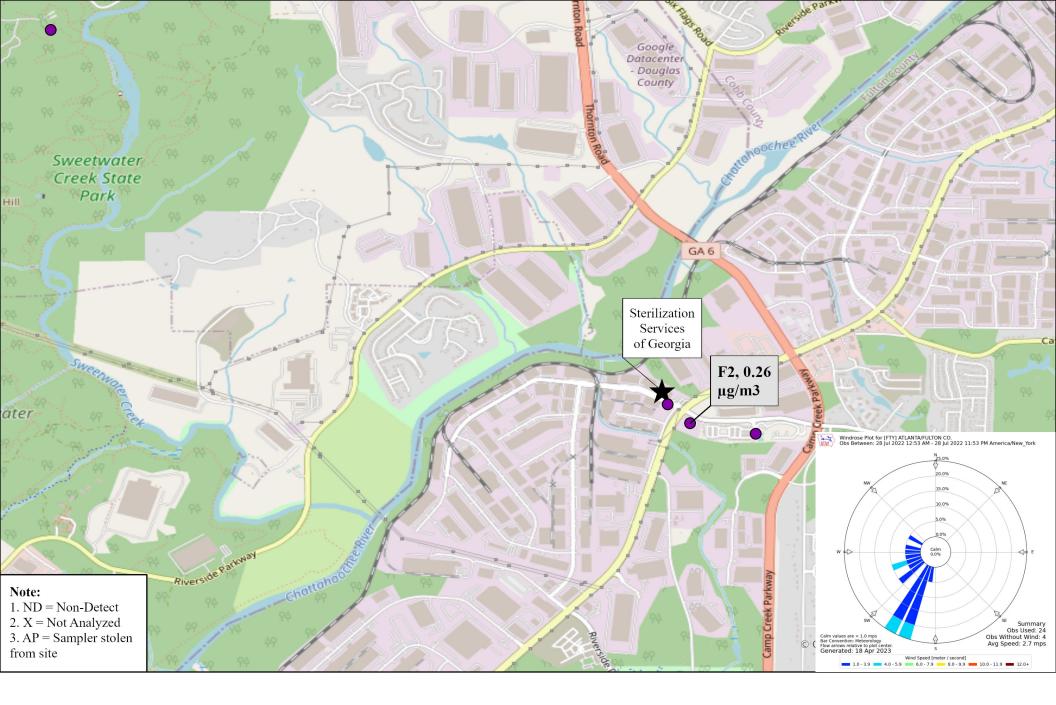
Site ID, Concentration (µg/m3)

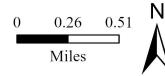
Ethylene Oxide Sampling Fulton County, GA

07/16/2022

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







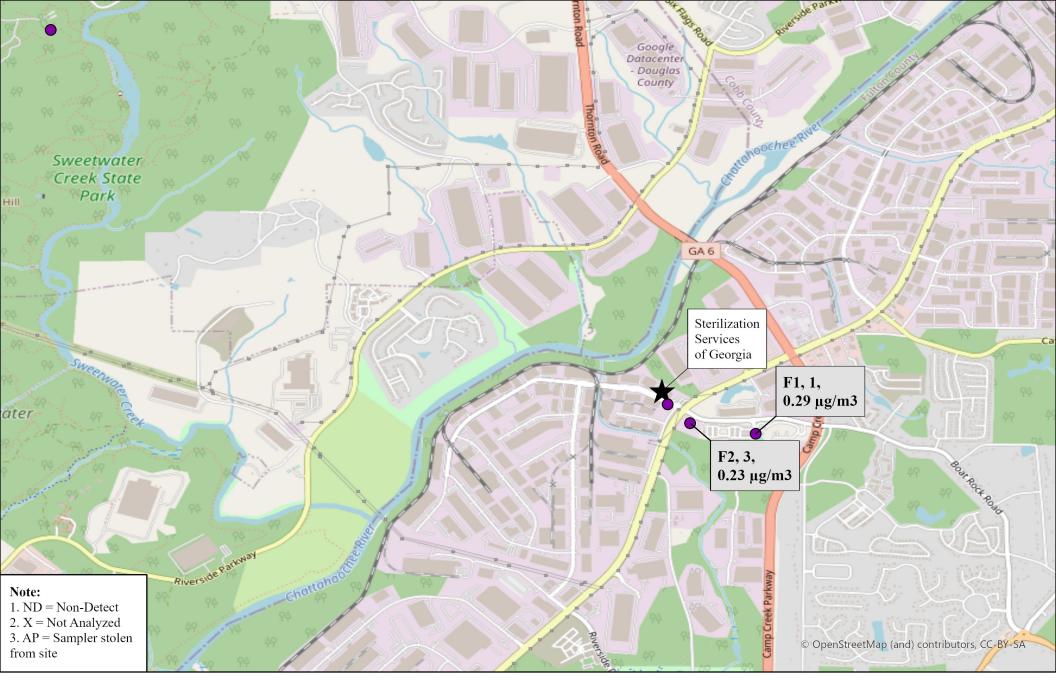
Site ID, Concentration (µg/m3)

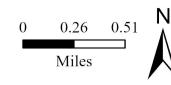
Ethylene Oxide Sampling Fulton County, GA

07/28/2022

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

July 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

