

ENVIRONMENTAL PROTECTION DIVISION

May 4, 2023

# **MEMORANDUM**

To:	James Boylan, Air Branch Chief $\int B$
Through:	DeAnna Oser, Assistant Branch Chief
From:	Jaime Gore, Operations 1 Unit Manager
RE: Oxide	General Coffee – September 2 – September 26, 2022, Sampling Results for Ethylene

1

Samples of Ethylene Oxide (EtO) were collected during the period of September 2 – September 26, 2022, by the Ambient Monitoring Program at our General Coffee monitoring station to characterize the EtO concentration. Each of the samples were sent to the Georgia Environmental Protection Division Laboratory (EPD) for analysis. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised.

Location	Date	Qualifier	EtO Concentration $(\mu g/m^3)$
General Coffee	09/02/2022	SQ, 2	0.07
General Coffee	09/14/2022	SQ, 2	0.07
General Coffee	09/26/2022	SQ, 2	0.09

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 Collec	ted:	9/	2/2022		
				Time Collec	ted:	0:	00		
				Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	K	L		
				Date Recei	ved:	9/	20/2022		
Sample ID: AL08742				Time Recei	ved:	1:	24 PM		
Facility Name: COVINGTON C2 Site ID: C2				Project:		D.	ATA STUDY		
Location ID:				Reporting D	Date:	12	2/22/2022		
Location Descr:				Received T	emperat	ure: 18	3.4 °C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL /	ANALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 199	134								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6862	ppbV			KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0718	ppbV	SQ	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2855	ug/m3			KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1294	ug/m3	SQ	0.0418	KL	9/22/2022		

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 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:	9/2	2/2022		
				Time Collected:	0:0	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:	KL	-		
				Date Received:	9/2	20/2022		
Sample ID: AL08743 Facility Name: FULTON F2-QA				Time Received:	1:2	24 PM		
Site ID: F2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	12	/22/2022		
Location Descr:				Received Temperate	ure: 19.	.9 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RLA	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	134							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6495	ppbV		KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1265	ppbV	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.023	ug/m3		KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.228	ug/m3	0.0418	KL	9/22/2022		

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

ug/L: micrograms/liter<: less than	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

				Date Collected:	9/2	2/2022		
				Time Collected:	0:0	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:	KL	-		
				Date Received:	9/2	20/2022		
Sample ID: AL08744				Time Received:	1:2	26 PM		
Facility Name: COBB S2-QA Site ID: S2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	12	/22/2022		
Location Descr:				Received Temperate	ure: 20.	.6 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RLA	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	134							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6861	ppbV		KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1317	ppbV	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2848	ug/m3		KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2374	ug/m3	0.0418	KL	9/22/2022		

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 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

				Date Collected:	9/2	/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:	KL			
				Date Received:	9/2	0/2022		
Sample ID: AL08745 Facility Name: FULTON F2				Time Received:	1:2	6 PM		
Site ID: F2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	12/	22/2022		
Location Descr:				Received Temperatur	e: 18.7	l ∘C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl Ai	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199 <sup>.</sup>	134							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6236	ppbV		KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1199	ppbV	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.8377	ug/m3		KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2161	ug/m3	0.0418	KL	9/22/2022		

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 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:	9/2	/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:	KL			
				Date Received:	9/2	0/2022		
Sample ID: AL08747				Time Received:	1:2	6 PM		
Facility Name: COVINGTON C2- QA Site ID: C2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	12/	22/2022		
Location Descr:				Received Temperatu	re: 17.9	9 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	S RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1991	34							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7147	ppbV		KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0792	ppbV	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.4894	ug/m3		KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1428	ug/m3	0.0418	KL	9/22/2022		

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 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:	9/2	2/2022		
				Time Collected:	0:0	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:	KL			
				Date Received:	9/2	20/2022		
Sample ID: AL08748 Facility Name: COBB S2				Time Received:	1:2	26 PM		
Site ID: S2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	12	/22/2022		
Location Descr:				Received Temperate	ure: 20.	0 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		rs RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	134							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9617	ppbV		KL	9/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0856	ppbV	0.0232	KL	9/22/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.2562	ug/m3		KL	9/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1543	ug/m3	0.0418	KL	9/22/2022		

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 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

			Date Collec	ted:	9/2	2/2022		
			Time Collec	ted:	0:	00		
			Sample Col	lector:	Н.	STREET		
			•		11	0325		
					KL	-		
			Date Receiv	ved:	9/	7/2022		
			Time Recei	ved:	10	):59 AM		
			Proiect:		AI	R		
				)ato:	10	0/22/2022		
			Received 1	empera	ure. 20	.0 0		
			QUALIFIE			ANALYSIS	MCL	or
NOTE METHOD	RESULT	UNIT	ſS	RL	ANALYS	ST DATE	QC Ra	ange
653								
EPA TO-15	9.0897	ppbV			KL	9/7/2022	8 to	12
EPA TO-15	0.0672	ppbV	SQ	0.0232	KL	9/7/2022		
EPA TO-15	65.0187	ug/m3			KL	9/7/2022	57.22 to	85.84
EPA TO-15	0.1211	ug/m3	SQ	0.0418	KL	9/7/2022		
EPA TO-15	0.741	%RPD			KL	9/7/2022		25
EPA TO-15	9.1655	ppbV			KL	9/7/2022	8 to	12
	E NOTE METHOD 653 EPA TO-15 EPA TO-15 EPA TO-15 EPA TO-15	NOTE METHOD         RESULT           653         EPA TO-15         9.0897           EPA TO-15         0.0672           EPA TO-15         65.0187           EPA TO-15         0.1211	EPA TO-15         9.0897         ppbV           EPA TO-15         0.0672         ppbV           EPA TO-15         0.0672         ppbV           EPA TO-15         0.1211         ug/m3	Time Collect Sample Col Canister Nu Canister Nu Canister Clu Received B Date Received Time Received Project: Reporting D Received Ti Received Ti Received Ti TER EPA OUALIFIE NOTE METHOD RESULT UNITS	Reporting Date: Received Temperat         TER       EPA METHOD       QUALIFIER UNITS       RL         653         EPA TO-15       9.0897 0.0672       ppbV ppbV       SQ       0.0232         EPA TO-15       0.0672       ppbV       SQ       0.0232         EPA TO-15       65.0187       ug/m3 ug/m3       SQ       0.0418	Time Collected: 0:4 Sample Collector: H. Canister Number: 11 Canister Cleaned: 8/ Received By: KL Date Received: 9/ Time Received: 10 Project: AI Reporting Date: 12 Received Temperature: 23 TER EPA NOTE METHOD RESULT UNITS RL ANALYS 653 EPA TO-15 9.0897 ppbV KL EPA TO-15 0.0672 ppbV SQ 0.0232 KL EPA TO-15 65.0187 ug/m3 KL EPA TO-15 0.1211 ug/m3 SQ 0.0418 KL	Time Collected:       0:00         Sample Collector:       H. STREET         Canister Number:       110325         Canister Cleaned:       8/22/2022         Received By:       KL         Date Received:       9/7/2022         Time Received:       10:59 AM         Project:       AIR         Reporting Date:       12/22/2022         Received Temperature:       23.5 °C         Constance of the temperature:         ENOTE       METHOD         RESULT       QUALIFIER         ANALYSIS         EPA TO-15       9.0897         ppbV       SQ       0.0232         EPA TO-15       0.0672       ppbV         SQ       0.0232       KL       9/7/2022         EPA TO-15       0.1211       ug/m3       SQ       0.0418       KL       9/7/2022	Time Collected:0:00Sample Collector:H. STREETCanister Number:110325Canister Number:110325Canister Cleaned:8/22/2022Received By:KLDate Received:9/7/2022Time Received:10:59 AMProject:AIRReporting Date:12/22/2022Received Temperature:23.5eceived Temperature:23.5epa to-150.0672ppbVSQepa to-150.1211ug/m3SQepa to-150.1211ug/m3SQepa to-150.1211ug/m3SQepa to-150.1211ug/m3SQepa to-150.1211epa to-150.1211epa to-150.1211epa to-150.1211epa to-150.1211

COMMENTS: \$ETO received in the lab at 4.6 psi.

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

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

# LABORATORY REPORT

				Date Collected:	9/14/2022		
				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:	KL		
				Date Received:	9/29/2022		
Sample ID: AL10719				Time Received:	11:36 AM		
Facility Name: COVINGTON C3-SA Site ID: C3-SA				Project:			
Location ID:				Reporting Date:	12/22/2022		
Location Descr:				Received Temperature	e: 23.9 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rlan	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1993	340						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7797	ppbV		KL 9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0815	ppbV	0.0232	KL 9/30/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.9543	ug/m3		KL 9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1469	ug/m3	0.0418	KL 9/30/2022		

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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# LABORATORY REPORT

				Date Collec	ted:	9/	14/2022		
				Time Collec	cted:	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:	KI	_		
				Date Recei	ved:	9/	29/2022		
Sample ID: AL10720				Time Recei	ved:	11	I:35 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:					
Location ID:				Reporting D	Date:	12	2/22/2022		
Location Descr:				Received T		ture: 19	0.9 °C		
PARAME	TER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNIT	ſS	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	340								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1284	ppbV			KL	9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0685	ppbV	SQ	0.0232	KL	9/30/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.4486	ug/m3			KL	9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1235	ug/m3	SQ	0.0418	KL	9/30/2022		

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 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

				Date Collec	ted:	9/	14/2022		
				Time Collec	ted:	0:	00		
				Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		KI	L		
				Date Recei	ved:	9/	29/2022		
Sample ID: AL10721				Time Recei	ved:	11	1:36 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:					
Location ID:				, Reporting D	Date:	12	2/22/2022		
Location Descr:				Received T		ure: 23	8.5 °C		
PARAME	TER EPA			QUALIFIE	ER		ANALYSIS	MCL	. or
ANALYTE CODI	E NOTE METHOD	RESULT	UNIT			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	340								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9467	ppbV			KL	9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0571	ppbV	SQ	0.0232	KL	9/30/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.1489	ug/m3			KL	9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1029	ug/m3	SQ	0.0418	KL	9/30/2022		

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 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:	9/	8/2022		
				Time Collec	cted:	0:	00		
				Sample Col	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Canister Nu	umber:	11	4385		
4244 International Pkwy Ste 12				Canister Cl	eaned:	8/	22/2022		
Atlanta, GA 30354				Received B	y:	KI	_		
				Date Receiv	ved:	9/	12/2022		
Sample ID: AL10722				Time Recei	ved:	10	):04 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:		2/22/2022		
Location Descr:				Received T					
PARAM	IETER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	98885								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3855	ppbV			KL	9/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0567	ppbV	SQ	0.0232	KL	9/14/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.1346	ug/m3			KL	9/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1022	ug/m3	SQ	0.0418	KL	9/14/2022		

COMMENTS: \$ETO received in the lab at 5.8 psi.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark 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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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collect	ted:	9/	2/2022		
				Time Collec	ted:	0:	00		
				Sample Col	ector:	C.	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	/:	KI	_		
				Date Receiv	ed:	9/	12/2022		
Sample ID: AL10723				Time Receiv	/ed:	1:	30 PM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID:				, Reporting D	ate:	12	2/22/2022		
Location Descr:				Received Te					
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	ſS	RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 198	3885								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1325	ppbV			KL	9/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0370	ppbV	SQ 2	0.0232	KL	9/14/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.3249	ug/m3			KL	9/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0667	ug/m3	SQ 2	0.0418	KL	9/14/2022		

COMMENTS: \$ETO received in the lab at 20.2 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/kilogram ug/s: micrograms/kilogram pp: parts per million pp: 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: Carmen Pyles 470 Metals: Shene Jones 470 Organics: Mary Bowman 470 GC Mass Spec: Ralph Schulz 470	)-524-0577 )-524-0629 )-524-0544 )-524-0639 )-524-0684 )-524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

1								
				Date Collected:	9/	/14/2022		
				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:	K	L		
				Date Received:	9/	/29/2022		
Sample ID: AL10724				Time Received:	1	1:35 AM		
Facility Name: COBB S2 Site ID: S2				Project:				
Location ID:				Reporting Date:	1:	2/22/2022		
Location Descr:				Received Temperatu	ure: 2'	I.6 ⁰C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 199	340							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8618	ppbV		KL	9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0759	ppbV	0.0232	KL	9/30/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.5416	ug/m3		KL	9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1368	ug/m3	0.0418	KL	9/30/2022		

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 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 Collected:	9/14	/2022		
				Time Collected:	0:00	)		
				Sample Collector:	J. B	RYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	9/29	/2022		
Sample ID: AL10725				Time Received:	11:3	5 AM		
Facility Name: COBB S7-SA Site ID: S7-SA				Project:				
Location ID:				Reporting Date:	12/2	2/2022		
Location Descr:				Received Temperatur				
PARAME	FER EPA			QUALIFIER	А	NALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl Ai	NALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1993	340							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0628	ppbV		KL	9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0740	ppbV	0.0232	KL	9/30/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.9793	ug/m3		KL	9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1334	ug/m3	0.0418	KL	9/30/2022		

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 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:	9/2	2/2022		
				Time Collec	ted:	0:0	0		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Canister Nu	umber:	114	4337		
4244 International Pkwy Ste 120				Canister Cl	eaned:	8/2	22/2022		
Atlanta, GA 30354				Received B	y:	KL			
				Date Receiv	ved:	9/7	/2022		
Sample ID: AL10726				Time Recei	ved:	10:	59 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AIF	र		
Location ID: QCCAN				Reporting D	)ate:		/22/2022		
Location Descr:				Received T					
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNIT			ANALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 19	98653								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2729	ppbV			KL	9/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0552	ppbV	SQ	0.0232	KL	9/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.3292	ug/m3			KL	9/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0995	uq/m3	SQ	0.0418	KL	9/7/2022		

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

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

# LABORATORY REPORT

				Data Oalla stad		14 4 /0000		
				Date Collected:	-	/14/2022		
				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:	ĸ	۲L		
				Date Received:	9	/29/2022		
Sample ID: AL10727				Time Received:	1	1:36 AM		
Facility Name: FULTON F2 Site ID: F2				Project:				
Location ID:				Reporting Date:	1	2/22/2022		
Location Descr:				Received Temperatu	re: 2	1.3 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT			NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1993	40							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8128	ppbV		KL	9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0898	ppbV	0.0232	KL	9/30/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.1911	ug/m3		KL	9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1619	ug/m3	0.0418	KL	9/30/2022		

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 To Inorganics: Carmen Metals: Shene J Organics: Mary Bo GC Mass Spec: Ralph S Microbiology: Mary Bo	Pyles470-524-0629lones470-524-0544wman470-524-0639chulz470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1				
				Date Collected:	9/14/2022		
				Time Collected:	0:00		
				Sample Collector:	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a			Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	KL		
				Date Received:	9/29/2022		
Sample ID: AL10728				Time Received:	11:36 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:			
Location ID:				Reporting Date:	12/22/2022		
Location Descr:				Received Temperatur	e: 19.0 °C		
PARAM	ETER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE COL	DE NOTE METHOD	RESULT	UNI	rs rl an	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	9340						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8713	ppbV		KL 9/30/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1158	ppbV	0.0232	KL 9/30/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.6095	ug/m3		KL 9/30/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2087	ug/m3	0.0418	KL 9/30/2022		

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 To Inorganics: Carmen Metals: Shene J Organics: Mary Bo GC Mass Spec: Ralph S Microbiology: Mary Bo	Pyles470-524-0629lones470-524-0544wman470-524-0639chulz470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collect Time Collect Sample Coll	ted:	0:0	14/2022 00 KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ng			Chlorination					
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	KL	-		
				Date Receiv	ed:	9/2	26/2022		
Sample ID: AL10729				Time Receiv	ved:	10	):55 AM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		DA	ATA STUDY		
Location ID: Location Descr:				Reporting D Received Te			2/22/2022 .5 °C		
	METER EPA DDE NOTE METHOD	RESULT	UNIT	QUALIFIE IS		ANALYS	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1	99316								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6803	ppbV			KL	9/29/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0415	ppbV	SQ 2	0.0232	KL	9/29/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2433	ug/m3			KL	9/29/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0748	ug/m3	SQ 2	0.0418	KL	9/29/2022		

COMMENTS: \$ETO received in the lab at 21.2 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: micrograms/kilogram ug/kg: 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 Tolbert470-524-0577Inorganics:Carmen Pyles470-524-0629Metals:Shene Jones470-524-0544Organics:Mary Bowman470-524-0639GC Mass Spec:Ralph Schulz470-524-0684Microbiology:Mary Bowman470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Moni 4244 International Pkwy Ste Atlanta, GA 30354				Date Collected: Time Collected: Sample Collector: Canister Number: Canister Cleaned: Received By:	0:0 H. 11	STREET 4394 22/2022		
Sample ID: AL10732 Facility Name: S. DEKALB Site ID: 013-089-0002 Location ID: Location Descr:				Date Received: Time Received: Project: Reporting Date: Received Temperatu	2:4 Alf 12	/22/2022		
PA	RAMETER EPA CODE NOTE METHOD	RESULT	UNI	QUALIFIER rs rl a		ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15	EPA TO-15 EPA TO-15	AL AL	ppbV ppbV	0.0232	KL KL	9/23/2022 9/23/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15 EPA TO-15	AL AL	ug/m3 ug/m3		KL KL	9/23/2022 9/23/2022	57.22 to	85.84

COMMENTS: \$ETO received in the lab at 5.2 psi. VOID; ATEC time incorrect.

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 Collec	ted:	9/	14/2022		
				Time Collec	ted:	0:	00		
				Sample Co	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Canister Nu	umber:	11	0309		
4244 International Pkwy Ste 12				Canister Cl	eaned:	8/	22/2022		
Atlanta, GA 30354				Received B	y:	KI	_		
				Date Recei	ved:	9/	16/2022		
Sample ID: AL10733				Time Recei	ved:	10	):37 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:	12	2/22/2022		
Location Descr:				Received T					
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	99055								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3742	ppbV			KL	9/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0709	ppbV	SQ	0.0232	KL	9/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.0538	ug/m3			KL	9/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1278	ug/m3	SQ	0.0418	KL	9/20/2022		

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

ug/L: micrograms/liter<: less than	Inorganics:Carmen Pyles470-524-0629ificationMetals:Shene Jones470-524-0544pecificationOrganics:Mary Bowman470-524-0639natedGC Mass Spec:Ralph Schulz470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:	9	9/21/2022		
				Time Collec	ted:	C	0:00		
				Sample Col	lector:	J	I. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:	Т	rip Blank		
Atlanta, GA 30354				Received B	y:	F	ΗZ		
				Date Receiv	/ed:	1	0/18/2022		
Sample ID: AL12748				Time Recei	ved:	1	:06 PM		
Facility Name: COBB S2 FB Site ID: S2				Project:		C	DATA STUDY		
Location ID: QCCAN				Reporting D	ate:	1	2/22/2022		
Location Descr:				Received T			2.9 °C		
PARAMET	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1997	'41								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1267	ppbV			KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.4364	ug/m3			KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	10/20/2022		

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)	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles aene Jones ary 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 Collec Time Collec			9/20/2022 D: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:	٦	Trip Blank		
Atlanta, GA 30354				Received B	y:	ŀ	ΗZ		
				Date Receiv	/ed:	1	10/18/2022		
Sample ID: AL12749 Facility Name: COVINGTON C2 FB				Time Recei	ved:	1	1:06 PM		
Site ID: C2				Project:		[	DATA STUDY		
Location ID:				Reporting D	ate:	1	12/22/2022		
Location Descr:				Received T	emperat	ure: 2	20.1 °C		
PARAME ANALYTE CODE	TER EPA NOTE METHOD	RESULT	UNI	QUALIFIE IS		ANAL	ANALYSIS YST DATE	<b>MCL</b> QC R	· • ·
ETO by EPA Method TO-15 QC Batch 199	741								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2181	ppbV			KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.0902	ug/m3			KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	10/20/2022		

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)	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles aene Jones ary 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 Collect Time Collect			26/2022 00		
TO: Ga EPD Air Program				Sample Coll	ector:	C	KNOX		
EPD Air Prot Ambient Monitoring				Chlorination	:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	H.	Z		
				Date Receiv	ed:	9/	29/2022		
Sample ID: AL12750				Time Receiv	/ed:	10	):16 AM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID: Location Descr:				Reporting D Received Te			2/22/2022 ).9 °C		
PARAM	ETER EPA			QUALIFIE	-	uio. 20	ANALYSIS	MCL	. or
ANALYTE COL	DE NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	9316								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2716	ppbV			KL	9/29/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.050	ppbV	SQ 2	0.0232	KL	9/29/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.4729	ug/m3			KL	9/29/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0901	ug/m3	SQ 2	0.0418	KL	9/29/2022		

COMMENTS: \$ETO received in the lab at 20.4 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

TO: Ga EPD Air Program EPD Air Prot Ambient Monitor 4244 International Pkwy Ste 1 Atlanta, GA 30354				Date Collec Time Collec Sample Col Chlorinatior Sample Typ Received B	eted: lector: n: pe:	0 H	/28/2022 :00 I. STREET IZ		
Sample ID: AL12751 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:				Date Receiv Time Receiv Project: Reporting D Received To	ved: ved: ved:	1	/29/2022 1:36 AM 2/22/2022 2.4 °C		
	AMETER EPA ODE NOTE METHOD	RESULT	υΝΙΤ	QUALIFIE 'S		ANALY	ANALYSIS ST DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC Batch Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15	EPA TO-15 EPA TO-15	10.0138 0.0357	ppbV ppbV	SQ	0.0232		9/30/2022 9/30/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15 EPA TO-15	71.6288 0.0644	ug/m3 ug/m3	SQ	0.0418	KL KL	9/30/2022 9/30/2022	57.22 to	85.84

COMMENTS: \$ETO received in the lab at 6.4 psi. This is an ETO makeup sample for 9-20-2022.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/kilogram ug/s: micrograms/kilogram pp: parts per million pp: 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: Carmen Pyles 470 Metals: Shene Jones 470 Organics: Mary Bowman 470 GC Mass Spec: Ralph Schulz 470	)-524-0577 )-524-0629 )-524-0544 )-524-0639 )-524-0684 )-524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

			1					
				Date Collected:	9/2	26/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	<u>Z</u>		
				Date Received:	10	)/18/2022		
Sample ID: AL12752				Time Received:	1:0	06 PM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	12	2/22/2022		
Location Descr:				Received Temperatu	re: 21	.5 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs rl a	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	9741							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0482	ppbV		KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0867	ppbV	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.8749	ug/m3		KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1563	ug/m3	0.0418	KL	10/20/2022		

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 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 Collec	ted:	ć	9/21/2022		
				Time Collec	ted:	(	00:00		
				Sample Col	lector:		J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:	-	Trip Blank		
Atlanta, GA 30354				Received B	y:	ł	ΗZ		
				Date Receiv	/ed:		10/18/2022		
Sample ID: AL12753				Time Recei	ved:		1:06 PM		
Facility Name: FULTON F2 FB Site ID: F2				Project:		[	DATA STUDY		
Location ID:				Reporting D	ate:		12/22/2022		
Location Descr:				Received T		ure: ´	19.6 °C		
PARAN	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs	RL /	ANAL	YST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	99741								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2885	ppbV			KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.5938	ug/m3			KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	10/20/2022		

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)	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles aene Jones ary 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:	9	/26/2022		
				Time Collec	ted:	0	:00		
				Sample Col	lector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a a a a a a a a a a a a a a a a a a a			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	F	łΖ		
				Date Receiv	/ed:	1	0/18/2022		
Sample ID: AL12754				Time Recei	ved:	1	:06 PM		
Facility Name: FULTON F2 Site ID: F2				Project:		C	DATA STUDY		
Location ID:				Reporting D	ate:	1	2/22/2022		
Location Descr:				Received T		ture: 2	1.7 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	DE NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	9741								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9829	ppbV			KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0705	ppbV	SQ	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.4078	ug/m3			KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1271	ug/m3	SQ	0.0418	KL	10/20/2022		

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 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 Collec	ted:	9	)/26/2022		
				Time Collec	ted:	0	):00		
				Sample Col	lector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	F	ΗZ		
				Date Receiv	/ed:	1	0/18/2022		
Sample ID: AL12756				Time Recei	ved:	1	:06 PM		
Facility Name: COBB S2 Site ID: S2				Project:		C	DATA STUDY		
Location ID: QCCAN				Reporting D	ate:	1	2/22/2022		
Location Descr:				Received T		ure: 2	0.7 °C		
PARAN	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	. or
ANALYTE COI	DE NOTE METHOD	RESULT		ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	99741								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9350	ppbV			KL	10/20/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0662	ppbV	SQ	0.0232	KL	10/20/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.0652	ug/m3			KL	10/20/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1193	ug/m3	SQ	0.0418	KL	10/20/2022		

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)	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

COMMENTS: \$ETO received in t	he lab at 6 nsi									
thylene Oxide		EPA TO-15	0.1255	ug/m3	SQ	0.0418	KL	9/30/2022		
Bromofluorobenzene(Surrogate QC	Std.)	EPA TO-15	71.9114	ug/m3			KL	9/30/2022	57.22 to	85.8
TO Results by EPA Method 1	O-15									
thylene Oxide		EPA TO-15	0.0696	ppbV	SQ	0.0232	KL	9/30/2022		
TO by EPA Method TO-15 QC Bromofluorobenzene(Surrogate QC		<b>40</b> EPA TO-15	10.0533	ppbV			KL	9/30/2022	8 to	1
NALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIE IS		ANALY	ANALYSIS ST DATE	MCL QC R	•••
Location Descr:					Received T	empera	ture: 22	2.9 °C		
Location ID:					Reporting D			2/22/2022		
Site ID: 013-089-0002					Project:					
Facility Name: SOUTH DEKAL	B				Time Recei	ved:	1	1:35 AM		
Sample ID: AL12762					Date Receiv			/29/2022		
					Received B	•		HZ		
4244 International Pk Atlanta, GA 30354	wy Ste 120				Sample Typ			7		
EPD Air Prot Ambient					Chlorinatior					
TO: Ga EPD Air Program					Sample Col		н	. STREET		
					Time Collec					
					Date Collec			/26/2022 :00		

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