

ENVIRONMENTAL PROTECTION DIVISION

**Richard E. Dunn, Director** 

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

# February 28, 2023

# **MEMORANDUM**

To:	Karen Hays, Air Branch Chief <del>K</del> 7
Through:	James Boylan, Assistant Branch Chief
Through:	DeAnna Oser, Ambient Monitoring Program Manager
From:	Jaime Gore, Operations 1 Unit Manager
RE:	Covington – March 6 – March 30, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of March 6 – March 30, 2022, by the Ambient Monitoring Program in the Covington 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 "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. Please note that the Ambient Monitoring Program lost access to site C7-SA in December 2021. Therefore, site C3 SA will be used for the spatial comparison going forward.

Location	Date	Qualifier	EtO Concentration $(\mu g/m^3)$
C2	03/06/2022	SQ	0.05
C2	03/18/2022	SQ	0.08
C2	03/30/2022	2	0.14
C2 QA	03/06/2022	2	0.08
C3 SA	03/18/2022	2	0.06

If you have any questions, please let me know.

JCG

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

# LABORATORY REPORT

									1
				Date Collec	ted:	3/	6/2022		
				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:	H	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK94712				Time Recei	ved:	10	):14 AM		
Facility Name: COBB S2 Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	)ate:	5/	24/2022		
Location Descr:				Received T					
PARAMET	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7924	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0355	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.0452	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.064	ug/m3	SQ	0.0418	KL	3/16/2022		

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:	3/	6/2022		
				Time Collec	cted:	0:	00		
				Sample Col	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:	H	Z		
				Date Receiv	ved:	3/	15/2022		
Sample ID: AK94713				Time Recei	ved:	1(	D:14 AM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 20	).3 °C		
PARAME	TER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5009	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0449	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.96	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0809	ug/m3	SQ	0.0418	KL	3/16/2022		

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:	3/6/2022		٦
				Time Collected:	0:00		
TO: Ga EPD Air Program				Sample Collector:	J. BRYAN1	Г	
EPD Air Prot Ambient Monitoring				Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	3/15/2022		
Sample ID: AK94714				Time Received:	10:14 AM		
Facility Name: FULTON F2-QA Site ID: F2-QA				Project:	DATA STU	IDY	
Location ID:				Reporting Date:	5/24/2022		
Location Descr:				Received Temperatur		C	
PARAME	TER EPA			QUALIFIER	ANALY	SIS MCL or	r
ANALYTE CODE	NOTE METHOD	RESULT	UNI		NALYST DATE	QC Rang	je
ETO by EPA Method TO-15 QC Batch 1954	27						_
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3632	ppbV		KL 3/16/20	022 8 to	12
Ethylene Oxide	EPA TO-15	0.1871	ppbV	0.0232	KL 3/16/20	022	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.9751	ug/m3		KL 3/16/20	022 57.22 to 85	5.84
Ethylene Oxide	EPA TO-15	0.3373	ug/m3	0.0418	KL 3/16/20	)22	

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

TO: Ga EPD Air Program				Date Collec Time Collec Sample Col	ted:	0:	6/2022 00 BRYANT		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354				Chlorination Sample Typ Received B	be:	H	Z		
Sample ID: AK94715 Facility Name: FULTON F2				Date Receiv Time Recei			(15/2022 ):14 AM		
Site ID: F2 Location ID: Location Descr:				Project: Reporting D Received T		5/	ATA STUDY 24/2022 3.7 °C		
PARAMI ANALYTE COD	ETER EPA E NOTE METHOD	RESULT	UNIT	QUALIFIE IS		ANALY	ANALYSIS ST DATE	<b>MCL</b> QC R	
ETO by EPA Method TO-15 QC Batch 19	5427								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5898	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0671	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.596	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.121	ug/m3	SQ	0.0418	KL	3/16/2022		

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 Collect	ted:	3/	6/2022		
				Time Collec	ted:	0:	00		
				Sample Coll	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	/:	H	Z		
				Date Receiv	ved:	3/	11/2022		
Sample ID: AK94719				Time Receiv	/ed:	8:	04 AM		
Facility Name: DOUGLAS - GENERAL CO Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	5/	24/2022		
Location Descr:				Received Te		ture: 20	).3 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	S	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5358								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6114	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0336	ppbV	SQ 2	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.7505	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0606	ug/m3	SQ 2	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 21.4 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter<: 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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# LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monito 4244 International Pkwy Ste Atlanta, GA 30354				Date Collec Time Collec Sample Col Canister Nu Canister Cle Received B	ted: lector: imber: eaned:	0:0 H. 114	STREET 4353 7/2022		
Sample ID: AK94720 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:				Date Receiv Time Receiv Project: Reporting D Received To	ved: vate: emperat	11: Alf 5/2 ture: 19.	24/2022 9 °C		
	AMETER EPA CODE NOTE METHOD	RESULT	UNIT	QUALIFIE IS			ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15	195310 EPA TO-15 EPA TO-15	9.0065 0.0474	ppbV ppbV	SQ	0.0232	KL KL	3/9/2022 3/9/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15 EPA TO-15	64.4236 0.0854	ug/m3 ug/m3	SQ	0.0418	KL KL	3/9/2022 3/9/2022	57.22 to	85.84

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 Monitoring				Date Collec Time Collec Sample Col Chlorination	ted: lector:	0:	/6/2022 :00 . BRYANT		
4244 International Pkwy Ste 120 Atlanta, GA 30354				Sample Typ Received B		Н	Z		
Sample ID: AK94722 Facility Name: COBB S2-QA				Date Receiv Time Recei			/15/2022 0:14 AM		
Site ID: S2-QA Location ID:				Project: Reporting D		5/	ATA STUDY /24/2022		
Location Descr: PARAME	TER EPA			Received T	•	ure: 24	4.6 °C	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4168	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0399	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.3585	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0719	ug/m3	SQ	0.0418	KL	3/16/2022		

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# LABORATORY REPORT

				Date Collec	ted:	3/	6/2022		
				Time Collec	ted:	0:	00		
				Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		H.	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK94723				Time Recei	ved:	1(	0:49 AM		
Facility Name: COVINGTON C2				Project:		D	ATA STUDY		
Site ID: C2 Location ID:				Reporting E	)ato:		24/2022		
Location Descr:				Received T			).14 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	S	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5427								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4299	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0275	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.4522	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0496	ug/m3	SQ	0.0418	KL	3/16/2022		

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:	3/	18/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Canister Nu	umber:	11	4352		
4244 International Pkwy Ste 120				Canister Cl	eaned:	2/	21/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	22/2022		
Sample ID: AK95692				Time Recei	ved:	11	I:51 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID: QCCAN				Reporting D	)ate:	5/	24/2022		
Location Descr:				Received T					
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	ſS	RL A	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 19	5515								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1961	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0385	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.7798	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0694	ug/m3	SQ	0.0418	KL	3/22/2022		

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:	3/	18/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		HZ	Z		
				Date Receiv	ved:	4/	1/2022		
Sample ID: AK95693				Time Recei	ved:	11	:18 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:		D	ATA STUDY		
Location ID:				, Reporting D	Date:		24/2022		
Location Descr:				Received T					
PARAME	FER 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 1956	398								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8879	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0284	ppbV	SQ	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.7283	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0512	ug/m3	SQ	0.0418	KL	4/5/2022		

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 Tolb Inorganics: Carmen P Metals: Shene Jor Organics: Mary Bow GC Mass Spec: Ralph Sch Microbiology: Mary Bow	yles 470-524-0629 les 470-524-0544 man 470-524-0639 ulz 470-524-0684	
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# LABORATORY REPORT

				Date Collected:	3/1	8/2022		
				Time Collected:	0:0			
				Sample Collector:		S BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:	0			
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	4/1	/2022		
Sample ID: AK95694				Time Received:		18 AM		
Facility Name: COBB S6-SA				Project:		TA STUDY		
Site ID: S6-SA Location ID:				Reporting Date:		4/2022		
Location Descr:				Received Temperature				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT			IALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1950	598							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6270	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.7929	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.862	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	1.4292	ug/m3	0.0418	KL	4/5/2022		

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			18/2022 00		
				Sample Co		-	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination					
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		HZ	Z		
				Date Recei	ved:	4/	1/2022		
Sample ID: AK95695				Time Recei	ved:	11	:18 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	)ate:	5/2	24/2022		
Location Descr:				Received T		ture: 19	.0 °C		
PARAME ANALYTE CODE	TER EPA NOTE METHOD	RFSUI T	UNI	QUALIFIE		ANAI YS	ANALYSIS	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1950	-		Chin						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6013	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0443	ppbV	SQ	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.6782	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0799	ug/m3	SQ	0.0418	KL	4/5/2022		

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:	3/	12/2022		
				Time Collec	cted:	0:	00		
				Sample Co	llector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a			Canister Nu	umber:	11	0307		
4244 International Pkwy Ste 120				Canister Cl	eaned:	2/	21/2022		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK95696				Time Recei	ved:	10	):14 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 20	0.6 °C		
PARAM	IETER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5427								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6258	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0472	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.8535	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0851	uq/m3	SQ	0.0418	KL	3/16/2022		

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

ug/L: micrograms/liter mg/L: milligrams/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: Time Collected:	3/1 0:0	8/2022 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:	4/1	/2022		
Sample ID: AK95697				Time Received:	11:	18 AM		
Facility Name: COBB S7-SA Site ID: S7-SA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	5/2	4/2022		
Location Descr:				Received Temperatu	re: 19.4	1 °C		
PARAME ANALYTE CODE	TER EPA NOTE METHOD	RESULT	UNI	QUALIFIER TS RL A	-	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1956	98							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6993	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1061	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.3792	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1913	ug/m3	0.0418	KL	4/5/2022		

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:	;	3/6/2022		
				Time Collec	ted:	(	0:00		
				Sample Col	lector:		H. STREET		
TO: Ga EPD Air Program	_			Canister Nu	ımber.		114322		
EPD Air Prot Ambient Monitorir 4244 International Pkwy Ste 12									
Atlanta, GA 30354	0			Canister Cle			2/21/2022		
				Received B	y:		HZ		
				Date Receiv	ved:		3/8/2022		
Sample ID: AK95698				Time Recei	ved:		11:24 AM		
Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002				Project:			AIR		
Location ID:				Reporting D	Noto:		5/24/2022		
Location Descr:				Received T			20.9 °C		
Location Desci.				Received I	empera	lure.	20.9 °C		
PARAM				QUALIFIE			ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	·c	RL	ANIAL	VOT DATE	00 0	
	-			3	NL	ANAL	YST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1	95310			3		ANAL	131 DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1 Bromofluorobenzene(Surrogate QC Std.)	95310 EPA TO-15	9.4758	ppbV	5	KL.	KL	3/9/2022	QC Ra	ange 12
-		9.4758 0.0651		<b>s</b>	0.0232	KL			0
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15		ppbV			KL	3/9/2022		0
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15		ppbV			KL	3/9/2022 3/9/2022		12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15	EPA TO-15 EPA TO-15	0.0651	ppbV ppbV			KL 2 KL KL	3/9/2022 3/9/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15 EPA TO-15 EPA TO-15	0.0651 67.7805	ppbV ppbV ug/m3	SQ	0.0232	KL 2 KL KL	3/9/2022 3/9/2022 3/9/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide	EPA TO-15 EPA TO-15 EPA TO-15	0.0651 67.7805	ppbV ppbV ug/m3	SQ	0.0232	KL 2 KL KL	3/9/2022 3/9/2022 3/9/2022	8 to	12
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO NATTS QA Replicate Precision	EPA TO-15 EPA TO-15 EPA TO-15 EPA TO-15	0.0651 67.7805 0.1173	ppbV ppbV ug/m3 ug/m3	SQ	0.0232	KL KL KL KL	3/9/2022 3/9/2022 3/9/2022 3/9/2022	8 to	12 85.84
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO NATTS QA Replicate Precision Ethylene Oxide	EPA TO-15 EPA TO-15 EPA TO-15 EPA TO-15	0.0651 67.7805 0.1173	ppbV ppbV ug/m3 ug/m3	SQ	0.0232	KL KL KL KL	3/9/2022 3/9/2022 3/9/2022 3/9/2022	8 to	12 85.84
Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO Results by EPA Method TO-15 Bromofluorobenzene(Surrogate QC Std.) Ethylene Oxide ETO NATTS QA Replicate Precision Ethylene Oxide ETO QA Replicate Result	EPA TO-15 EPA TO-15 EPA TO-15 EPA TO-15 EPA TO-15	0.0651 67.7805 0.1173 8.15	ppbV ppbV ug/m3 ug/m3 %RPD	SQ	0.0232	KL KL KL KL	3/9/2022 3/9/2022 3/9/2022 3/9/2022 3/10/2022	8 to 57.22 to	12 85.84 25

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

# LABORATORY REPORT

				1					
				Date Collec	cted:	3/	18/2022		
				Time Colle	cted:	0:	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:					
4244 International Pkwy Ste				Sample Ty	be:				
Atlanta, GA 30354				Received E	sy:	HZ	Z		
				Date Recei	ved:	4/	1/2022		
Sample ID: AK95699				Time Rece	ived:	11	I:18 AM		
Facility Name: COBB S2 Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting [	Date:	5/	24/2022		
Location Descr:				Received T	emperat	ure: 23	8.5 °C		
PAR	METER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT		ГS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	195698								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2786	ppbV			KL	4/6/2022	8 to	12
Ethylene Oxide	EPA TO-15	1.6274	ppbV	DI	0.0464	KL	4/6/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.3699	ug/m3			KL	4/6/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	2.9335	ug/m3	DI	0.0836	KL	4/6/2022		
COMMENTE: CTO reastured in the lab at	7 : 0 1 / 0								

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

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

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

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

# LABORATORY REPORT

				Date Collected:	3/1	8/2022		
				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:	ΗZ			
				Date Received:	4/1	/2022		
Sample ID: AK95704				Time Received:	11:	18 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	5/2	4/2022		
Location Descr:				Received Temperatur	e: 19.7	7 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	TS RL AN	ALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	698							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3734	ppbV		KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	1.0708	ppbV	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.048	ug/m3		KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	1.9302	ug/m3	0.0418	KL	4/5/2022		

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

# LABORATORY REPORT

						-			
				Date Collec	ted:		/18/2022		
				Time Collect	ted:	0:	:00		
				Sample Col	lector:	С	. KNOX		
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		Н	Z		
				Date Receiv	/ed:	3/	/25/2022		
Sample ID: AK95705				Time Recei			46 AM		
Facility Name: DOUGLAS - GENERAL COFF	FEE			Project:		П	ATA STUDY		
Site ID: 013-069-0002									
Location ID:				Reporting D			/24/2022		
Location Descr:				Received T	emperat	ure: 23	3.8 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19560	6								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7929	ppbV			KL	3/29/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0407	ppbV	SQ	0.0232	KL	3/29/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.0487	ug/m3			KL	3/29/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0734	ug/m3	SQ	0.0418	KL	3/29/2022		

COMMENTS: \$ETO received in the lab at 22.6 psi.

ug/L: micrograms/liter<: less than	ver specification Metals: upper specification Organics: or Estimated 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

				Date Collec Time Collec			18/2022 00		
TO: Ga EPD Air Program				Sample Col	lector:	J.	BRYANT		
EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	/ed:	4/	1/2022		
Sample ID: AK95706 Facility Name: COVINGTON C3-SA				Time Recei	ved:	11	:18 AM		
Site ID: C3-SA				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	5/	24/2022		
Location Descr:				Received T	empera	ture: 24	.5 °C		
PARAME" ANALYTE CODE	FER EPA NOTE METHOD	RESULT		QUALIFIE		ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1956	698								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4884	ppbV			KL	4/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0313	ppbV	SQ	0.0232	KL	4/5/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.8706	ug/m3			KL	4/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0564	ug/m3	SQ	0.0418	KL	4/5/2022		

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 Collec	ted:	3/	10/2022		
				Time Collec	ted:	13	3:15		
				Sample Co	lector:	H.	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	14344		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	/2/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK96177				Time Recei	ved:	10	D:14 AM		
Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002				Project:		AI	IR		
Location ID: QCCAN				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 20	).4 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9019	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0335	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.6754	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0604	ug/m3	SQ	0.0418	KL	3/16/2022		

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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# LABORATORY REPORT

i			1						
				Date Collec	ted:	3/	10/2022		
				Time Collec	cted:	13	3:15		
				Sample Co	llector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	4375		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	2/2022		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK96178				Time Recei	ved:	10	):14 AM		
Facility Name: SOUTH DEKALB QA timer Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:		24/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.8417	ppbV			KL	3/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0459	ppbV	SQ	0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.2448	ug/m3			KL	3/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0827	ug/m3	SQ	0.0418	KL	3/16/2022		

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:	3/	10/2022		
				Time Collec	cted:	13	3:15		
				Sample Co	llector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	4320		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	2/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Recei	ved:	3/	15/2022		
Sample ID: AK96179				Time Recei	ved:	10	):14 AM		
Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:		24/2022		
Location Descr:				Received T					
PARAME	FER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1954	27								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3024	ppbV			KL	3/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0688	ppbV	SQ	0.0232	KL	3/17/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.5402	ug/m3			KL	3/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.124	ug/m3	SQ	0.0418	KL	3/17/2022		

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: Carm Metals: Shene Organics: Mary GC Mass Spec: Ralph	Tolbert         470-524-0577           ten Pyles         470-524-0629           e Jones         470-524-0544           Bowman         470-524-0639           n Schulz         470-524-0684           Bowman         470-524-0679	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collected:	3/10/2022		
				Time Collected:	13:15		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	114310		
4244 International Pkwy Ste 120				Canister Cleaned:	3/2/2022		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	3/15/2022		
Sample ID: AK96180				Time Received:	10:14 AM		
Facility Name: SOUTH DEKALB QA no time Site ID: 013-089-0002	er			Project:	AIR		
Location ID:				Reporting Date:	5/24/2022		
Location Descr:				Received Temperature	: 20.1 °C		
PARAMET	ER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl ana	ALYST DATE	QC R	lange
ETO by EPA Method TO-15 QC Batch 1954	27						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2902	ppbV	k	KL 3/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0768	ppbV	0.0232 k	KL 3/17/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.4529	ug/m3	k	KL 3/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1384	ug/m3	0.0418 k	CL 3/17/2022		

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

# LABORATORY REPORT

				Date Collec	ted:	3/	14/2022		
				Time Collec	cted:	11	1:45		
				Sample Col	llector:	H.	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	14341		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	/2/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	16/2022		
Sample ID: AK96181				Time Recei	ved:	11	1:02 AM		
Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002				Project:		A	IR		
Location ID:				, Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 19	9.6 °C		
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL A	ANALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1954	82								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6820	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0296	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2555	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0534	ug/m3	SQ	0.0418	KL	3/18/2022		

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

			1						
				Date Collec	ted:	3/	14/2022		
				Time Collec	cted:	11	1:45		
				Sample Co	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	0337		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	2/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Recei	ved:	3/	16/2022		
Sample ID: AK96182				Time Recei	ved:	11	I:02 AM		
Facility Name: SOUTH DEKALB QA timer Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:		24/2022		
Location Descr:				Received T					
PARAME	TER EPA		•	QUALIFIE	ER		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	482								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4626	ppbV			KL	3/18/2022	8 to	1
Ethylene Oxide	EPA TO-15	0.0673	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.6861	ug/m3			KL	3/18/2022	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.1213	ug/m3	SQ	0.0418	KL	3/18/2022		

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

			1						
				Date Collec	ted:	3/	14/2022		
				Time Collec	ted:	11	1:45		
				Sample Co	lector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	4392		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	2/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Recei	ved:	3/	16/2022		
Sample ID: AK96183				Time Recei	ved:	11	I:02 AM		
Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:	5/	24/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1954	82								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0448	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0409	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.6976	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0737	ug/m3	SQ	0.0418	KL	3/18/2022		

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:	3/	14/2022		
				Time Collec	ted:	11	1:45		
				Sample Col	lector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	14331		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	2/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	16/2022		
Sample ID: AK96184	-			Time Recei	ved:	11	I:02 AM		
Facility Name: SOUTH DEKALB QA no time Site ID: 013-089-0002	ſ			Project:		AI	R		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 24	.1 ⁰C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19548	32								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1250	ppbV			KL	3/18/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0526	ppbV	SQ	0.0232	KL	3/18/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.2712	ug/m3			KL	3/18/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0948	ug/m3	SQ	0.0418	KL	3/18/2022		

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 Tolbe Inorganics: Carmen Py Metals: Shene Jone Organics: Mary Bown GC Mass Spec: Ralph Schu Microbiology: Mary Bown	les 470-524-0629 es 470-524-0544 nan 470-524-0639 Ilz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:	3/	16/2022		
				Time Collec	cted:	9:	20		
				Sample Co	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	0325		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	8/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	3/	22/2022		
Sample ID: AK96295				Time Recei	ved:	11	I:51 AM		
Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	)ate:	5/	24/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1955	15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4678	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0398	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.7233	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0717	ug/m3	SQ	0.0418	KL	3/22/2022		

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 Tolb Inorganics: Carmen P Metals: Shene Jor Organics: Mary Bow GC Mass Spec: Ralph Sch Microbiology: Mary Bow	yles 470-524-0629 les 470-524-0544 man 470-524-0639 ulz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

				Date Collec	ted:		16/2022		
				Time Collect	ted:	9:	20		
				Sample Col	lector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	0255		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	8/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Receiv	ved:	3/	22/2022		
Sample ID: AK96296 Facility Name: SOUTH DEKALB QA timer				Time Recei	ved:	11	:51 AM		
Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T	emperat	ure: 20	.9 °C		
PARAME	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1955	15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4466	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0520	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.5716	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0937	ug/m3	SQ	0.0418	KL	3/22/2022		

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

			1						
				Date Collec	ted:	3/	16/2022		
				Time Collec	ted:	9:	20		
				Sample Col	lector:	Н.	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	10343		
4244 International Pkwy Ste 120				Canister Cle	eaned:	3/	/8/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	22/2022		
Sample ID: AK96297				Time Recei	ved:	11	1:51 AM		
Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002				Project:		AI	IR		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 21	.7 °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 1955	15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2010	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0434	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.8149	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0782	ug/m3	SQ	0.0418	KL	3/22/2022		

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:	3/	16/2022		
				Time Collec	cted:	9:	20		
				Sample Col	llector:	н	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	86	6335		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/	/8/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	22/2022		
Sample ID: AK96298				Time Recei	ved:	11	1:51 AM		
Facility Name: SOUTH DEKALB QA no time Site ID: 013-089-0002	r			Project:		A	IR		
Location ID:				Reporting D	)ate:		24/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	ER		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 1955	15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2713	ppbV			KL	3/22/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0579	ppbV	SQ	0.0232	KL	3/22/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.3177	ug/m3			KL	3/22/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1044	ug/m3	SQ	0.0418	KL	3/22/2022		

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:	3/	/29/2022		
				Time Collec	ted:	0:	:00		
<b>TO O TO O O O O O O O O O</b>				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		Н	Z		
				Date Receiv	ved:	4/	/13/2022		
Sample ID: AK96405				Time Recei	ved:	1	1:51 AM		
Facility Name: COBB S2 FB Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	5/	/24/2022		
Location Descr:				Received T	emperat	ure: 24	4.5 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9601	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.2447	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022		

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:	3/	30/2022		
				Time Collec	ted:	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:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	4/	13/2022		
Sample ID: AK96406				Time Recei	ved:	11	1:51 AM		
Facility Name: COBB S2 Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	5/	24/2022		
Location Descr:				Received T		ure: 22	2.9 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1959	20								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6095	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0358	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.7369	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0645	ug/m3	SQ	0.0418	KL	4/19/2022		

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:	3/	28/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior	):				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B		H	Z		
				Date Receiv	/ed:	4/	14/2022		
Sample ID: AK96407				Time Recei	ved:	11	1:50 AM		
Facility Name: COVINGTON C2 FB Site ID: C2				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	5/	24/2022		
Location Descr:				Received T	emperat	ture: 21	.6 °C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7457	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.7111	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022		

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

				Date Collected:	3/30	/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:	HZ			
				Date Received:	4/14	/2022		
Sample ID: AK96408				Time Received:	11:5	51 AM		
Facility Name: COVINGTON C2				Project:	DAT	A STUDY		
Site ID: C2 Location ID:				Reporting Date:		/2022		
Location Descr:				Received Temperatur				
PARAME	FER EPA			QUALIFIER	A	NALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl An	NALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1959	20							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1754	ppbV		KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0773	ppbV	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.6317	ug/m3		KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1393	ug/m3	0.0418	KL	4/19/2022		

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

# LABORATORY REPORT

				Date Collec	ted:	3/	/30/2022		
				Time Collec	ted:	0:	:00		
<b>TO 0 TO 0</b>				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B		Н	Z		
				Date Receiv	ved:	4/	/14/2022		
Sample ID: AK96409				Time Recei	ved:	11	1:51 AM		
Facility Name: FULTON F2 Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D	)ate:		/24/2022		
Location Descr:				Received T			1.9 °C		
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4586	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0565	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.6575	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1018	ug/m3	SQ	0.0418	KL	4/19/2022		

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

# LABORATORY REPORT

				Date Collec	ted:	3/	29/2022		
				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:	H.	Z		
				Date Receiv	ved:	4/	14/2022		
Sample ID: AK96410 Facility Name: FULTON F2 FB				Time Recei	ved:	11	1:51 AM		
Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	5/	24/2022		
Location Descr:				Received T	empera	ture: 19	0.6 °C		
PARAM	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	95920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7338	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.626	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022		

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 Collect	ted:	0:0	-		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	۰.			Sample Coll Chlorination		C.	KNOX		
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	HZ			
				Date Receiv	ed:	4/8	3/2022		
Sample ID: AK96411				Time Receiv	ved:	7:5	51 AM		
Facility Name: douglas - general coffee Site ID: 013-069-0002				Project:		DA	TA STUDY		
Location ID: Location Descr:				Reporting D Received Te			24/2022 3 ∘C		
PARAM ANALYTE COL	ETER EPA DE NOTE METHOD	RESULT	UNIT	QUALIFIE IS		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 19	5785								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8688	ppbV			KL	4/8/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0391	ppbV	SQ 2	0.0232	2 KL	4/8/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.5916	ug/m3			KL	4/8/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0705	ug/m3	SQ 2	0.0418	8 KL	4/8/2022		

COMMENTS: \$ETO received in the lab at 20.8 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

# LABORATORY REPORT

				Date Collec	ted:	3/2	24/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ina			Canister Nu	umber:	11	0259		
4244 International Pkwy Ste 1				Canister Cl	eaned:	3/	7/2022		
Atlanta, GA 30354				Received B	y:	HZ	2		
				Date Receiv	ved:	3/2	28/2022		
Sample ID: AK96412				Time Recei	ved:	10	:57 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID: QCCAN				Reporting D	)ate:		24/2022		
Location Descr:				Received T					
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DDE NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 2	195606								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8340	ppbV			KL	3/29/2022	8 to	1:
Ethylene Oxide	EPA TO-15	0.0458	ppbV	SQ	0.0232	KL	3/29/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.3427	ug/m3			KL	3/29/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0826	ug/m3	SQ	0.0418	KL	3/29/2022		

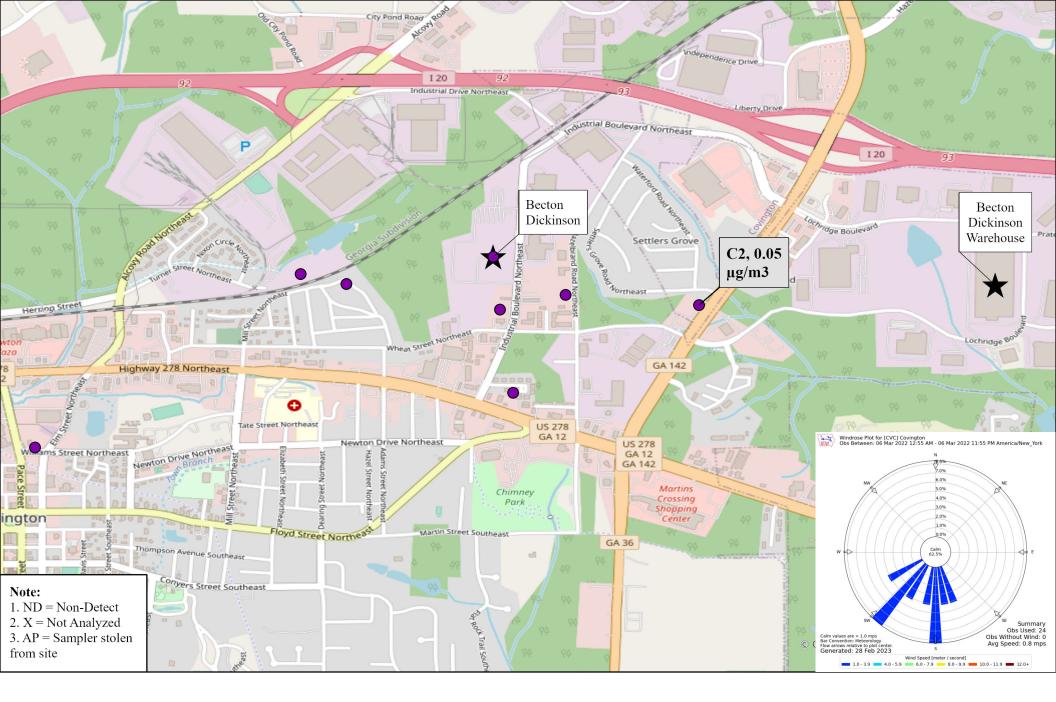
ug/L: micrograms/liter       <: less than       L         mg/L: milligrams/liter       MCL: Maximum Contaminant Level       MCL: Maximum Contaminant Level         mg/kg: milligrams/kilogram       ug/kg: micrograms/kilogram       LSPC: result less than lower specification         ug/g: micrograms/gram       USPC: result greater than upper specification         ppm: parts per million       TIE: Tentatively Identified or Estimated         org/L: organisms/liter       VIOL: Violation (result exceeds MCL)	Inorganics: Carmen Pyles 470-5 Metals: Shene Jones 470-5 Organics: Mary Bowman 470-5 GC Mass Spec: Ralph Schulz 470-5	524-0577 524-0629 524-0544 524-0639 524-0684 524-0684 524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

# LABORATORY REPORT

COMMENTS: \$ETO received in t	ha lah at E nai		-			-			
thylene Oxide		EPA TO-15	0.1363	ug/m3	0.0418	KL	4/1/2022		
Bromofluorobenzene(Surrogate QC	Std.)	EPA TO-15	68.0838	ug/m3		KL	4/1/2022	57.22 to	85.8
ETO Results by EPA Method 1	O-15								
Ethylene Oxide		EPA TO-15	0.0756	ppbV	0.0232	KL	4/1/2022		
TO by EPA Method TO-15 QC Bromofluorobenzene(Surrogate QC		52 EPA TO-15	9.5182	ppbV		KL	4/1/2022	8 to	1
NALYTE	PARAMET CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIER IS RL AN	AN IALYST I	ALYSIS DATE	MCL QC R	
Location Descr:					Received Temperatur	e: 20.5	٥C		
Location ID:					Reporting Date:	5/24/2			
Site ID: 013-089-0002					Project:	AIR			
Facility Name: SOUTH DEKAL	В				Time Received:	11:18	AM		
Sample ID: AK96413					Date Received:	4/1/20			
			Received By:	HZ					
4244 International Pk Atlanta, GA 30354	wy Ste 120				Canister Cleaned:	3/7/20	)22		
EPD Air Prot Ambient					Canister Number:	11031	-		
TO: Ga EPD Air Program					Sample Collector:	H. ST			
					Time Collected:	0:00			
					Date Collected:	3/30/2	2022		

ug/L: micrograms/liter       <: less than	aboratory 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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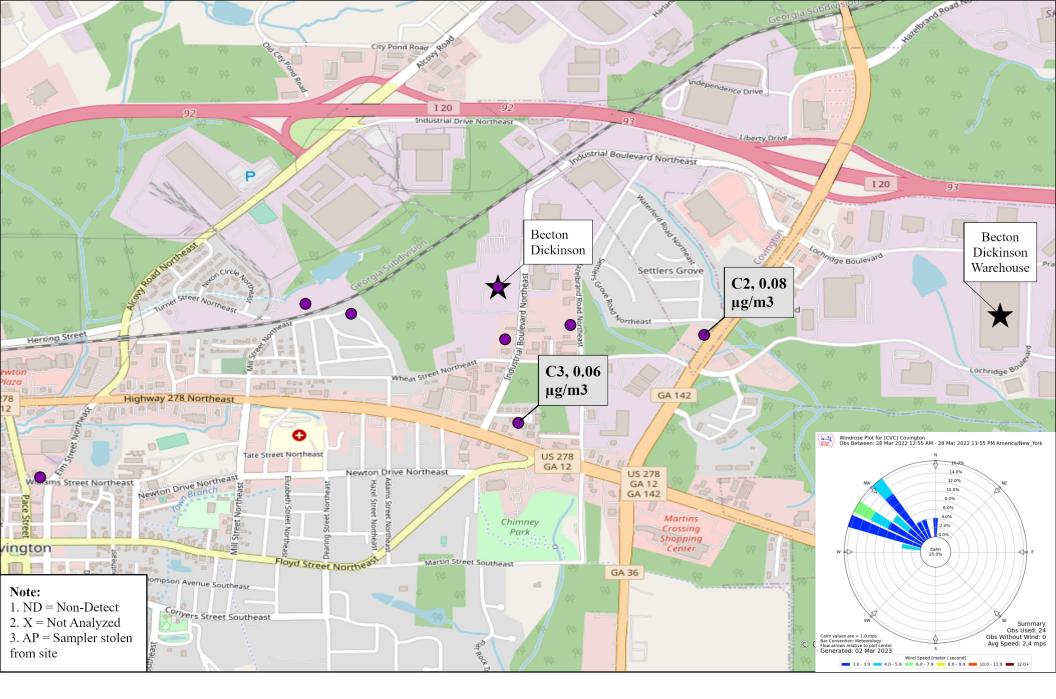


Ethylene Oxide Sampling Covington, GA

03/06/2022

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





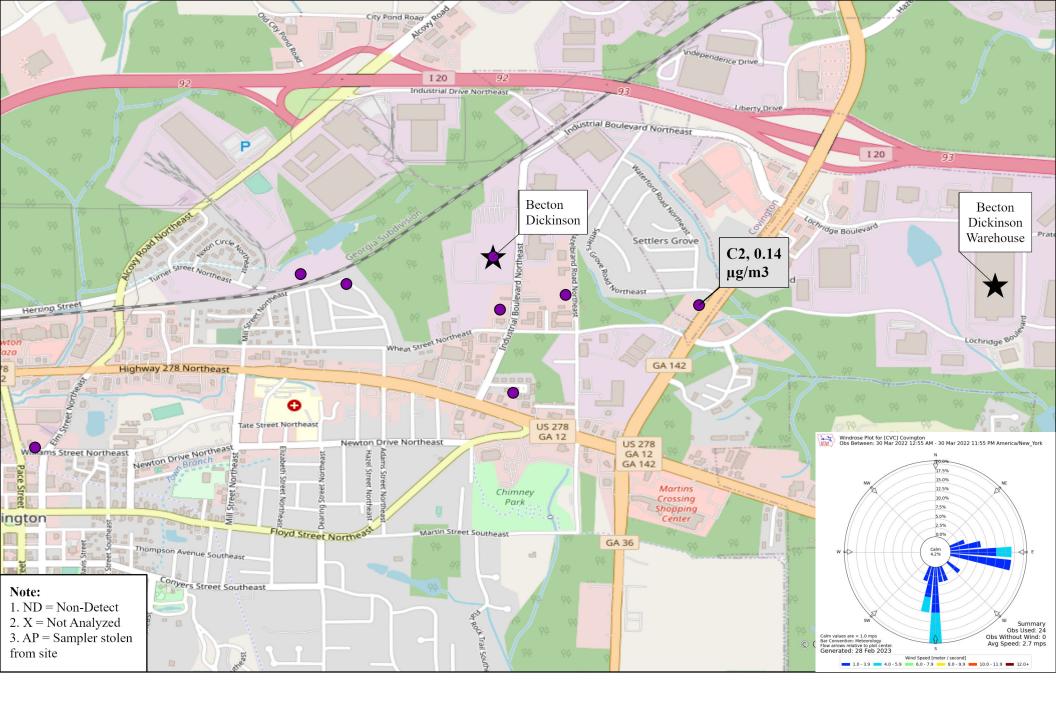


Ethylene Oxide Sampling Covington, GA

03/18/2022

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





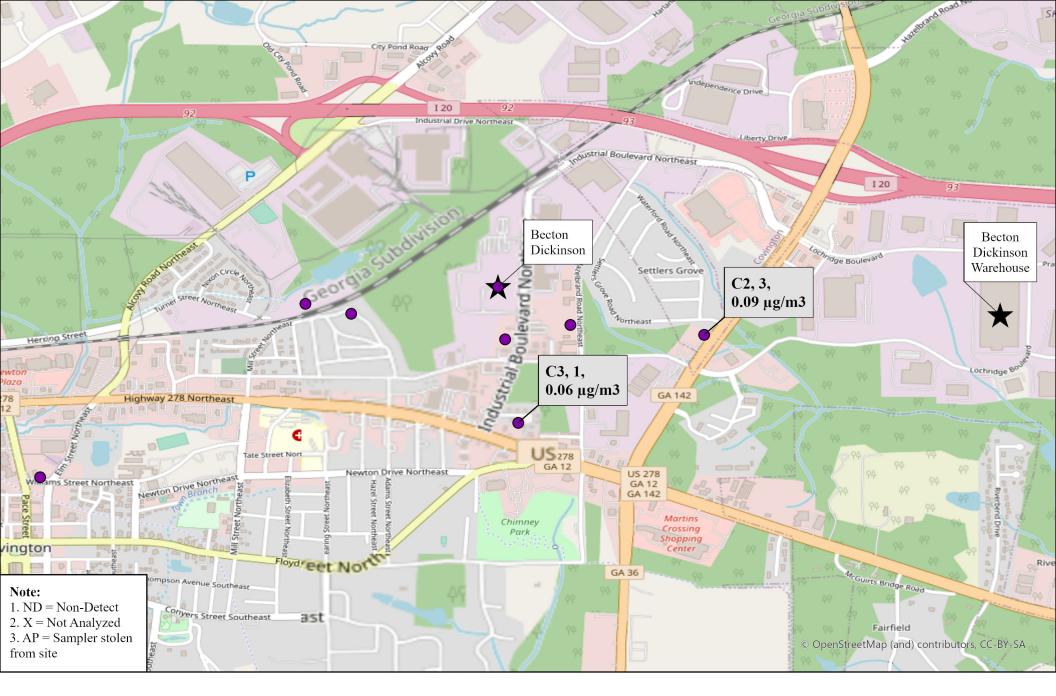


Ethylene Oxide Sampling Covington County, GA

03/30/2022

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







Ethylene Oxide Sampling Covington, GA

March 2022 Site Average Values Note: Not detectable values were included in average calculations as a value of 0.

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

