

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

December 6, 2022

MEMORANDUM

То:	Karen Hays, Air Branch Chief 47
Through:	James Boylan, Assistant Branch Chief
From:	DeAnna Oser, Ambient Monitoring Program Manager
RE:	South DeKalb December 2021, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were taken at our South DeKalb monitoring station during the month of December 2021. Samples were collected on the pressurized ATEC system. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. The Qualifier codes of "1" and "6" were added to data because the pressurized system samplers used for collection had not been verified against an ethylene oxide standard prior to sampling. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit.

Location	Date	Qualifier	EtO Concentration $(\mu g/m^3)$
South DeKalb ATEC	12/06/2021	1, 2, 6	0.29
South DeKalb ATEC	12/12/2021	1, 6, SQ	0.06
South DeKalb ATEC QA	12/12/2021	1, 2, 6, SQ	0.11
South DeKalb ATEC	12/18/2021	1, 2, 6, SQ	0.12
South DeKalb ATEC	12/24/2021	1, 6	0.23
South DeKalb ATEC	12/30/2021	1, 6, SQ	0.10

If you have any questions, please let me know.

DGO/do

5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

			1					
				Date Collected:	1:	2/6/2021		
				Time Collected:	0	:00		
				Sample Collector:	Н	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	orina			Canister Number:	1	10302		
4244 International Pkwy Ste				Canister Cleaned:	1	1/15/2021		
Atlanta, GA 30354				Received By:	Н	Z		
				Date Received:	1:	2/8/2021		
Sample ID: AK90671				Time Received:	1	1:35 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	А	IR		
Location ID: QCCAN				Reporting Date:	2/	/18/2022		
Location Descr:				Received Temperatu	re: 22	2.9 °C		
	RAMETER EPA			QUALIFIER		ANALYSIS	MCL	
ANALYTE	CODE NOTE METHOD	RESULT	UNI	rs rla	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batc	h 194261							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6350	ppbV		KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1617	ppbV	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.9193	ug/m3		KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2915	ug/m3	0.0418	KL	12/15/2021		

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

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) 248-7383

LABORATORY REPORT

				D / O "					
				Date Collec	ted:		2/12/2021		
				Time Collec	cted:	C	0:00		
				Sample Col	lector:	J	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorinatior	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		F	ΗZ		
				Date Receiv	ved:	1	2/21/2021		
Sample ID: AK90672				Time Recei	ved:	1	1:29 AM		
Facility Name: COBB S2 QA Site ID: S2-QA				Project:		0	DATA STUDY		
Location ID:				, Reporting D	Date:	2	2/18/2022		
Location Descr:				Received T			21.5 °C		
PARAM	ETER EPA		•	QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI			ANAL	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	4339								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9168	ppbV			KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0427	ppbV	SQ	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.782	ug/m3			KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.077	ug/m3	SQ	0.0418	KL	12/21/2021		

COMMENTS: \$ETO received in the lab at 3.5 in Hg.

mg/L: milligrams/liter MCL: mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million USPO ppb: parts per million TIE:	is than Maximum Contaminant Level Reporting Limit Cresult less than lower specification Cresult greater than upper specification Tentatively Identified or Estimated 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) 248-7383

LABORATORY REPORT

				Date Collec	ted:	1	2/12/2021		
				Time Collect	cted:	C	0:00		
				Sample Co	lector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination	ו:				
4244 International Pkwy Ste 12				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	F	łΖ		
				Date Recei	ved:	1	2/21/2021		
Sample ID: AK90673				Time Recei	ved:	1	1:29 AM		
Facility Name: COBB S2 Site ID: S2				Project:		0	DATA STUDY		
Location ID:				Reporting D	Date:	2	2/18/2022		
Location Descr:				Received T		ture: 2	1.4 °C		
PARAN	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	94339								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6984	ppbV			KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0377	ppbV	SQ	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.3728	ug/m3			KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.068	ug/m3	SQ	0.0418	KL	12/21/2021		

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 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)	Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709
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LABORATORY REPORT

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	Not Analyzed Not Analyzed Not Analyzed	ppbV ppbV ug/m3	0.0232 k	(L 12/22/2021) (L 12/22/2021) (L 12/22/2021)	8 to 57.22 to	
	CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIER IS RL ANA	ANALYSIS ALYST DATE	MCL QC R	
Sample ID: AK90674 Facility Name: COVINGTON C2 QA Site ID: C2-QA Location ID: Location Descr:					Date Received: Time Received: Project: Reporting Date: Received Temperature:	12/21/2021 11:29 AM DATA STUDY 2/18/2022 20.4 °C		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit 4244 International Pkwy Ste Atlanta, GA 30354					Date Collected: Time Collected: Sample Collector: Chlorination: Sample Type: Received By:	12/12/2021 0:00 J. BRYANT HZ		

COMMENTS: \$ETO received in the lab at 9.5 in Hg. Sample not analyzed; canister did not have enough pressure to analyze 500ml.

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LABORATORY REPORT

			Ī					
				Date Collected:	12	2/12/2021		
				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:	н	Z		
				Date Received:	1:	2/21/2021		
Sample ID: AK90675				Time Received:		1:29 AM		
Facility Name: COVINGTON C2				Project:		ATA STUDY		
Site ID: C2				-				
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperatu	ire: 19	9.6 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rla	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	339							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4023	ppbV		KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1093	ppbV	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.2548	ug/m3		KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.197	ug/m3	0.0418	KL	12/21/2021		

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

mg/L: milligrams/liter MCL: mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million USPO ppb: parts per million TIE:	is than Maximum Contaminant Level Reporting Limit Cresult less than lower specification Cresult greater than upper specification Tentatively Identified or Estimated 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 Colle	cted:	1	2/12/2021		
				Time Colle	cted:	0	:00		
				Sample Co	llector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ina			Chlorinatio	n:				
4244 International Pkwy Ste 1				Sample Ty	pe:				
Atlanta, GA 30354				Received E	-	F	ΙZ		
				Date Rece	ived:	1	2/21/2021		
Sample ID: AK90676				Time Rece	ived:	1	1:29 AM		
Facility Name: FULTON F2 Site ID: F2				Project:		C	DATA STUDY		
Location ID:				Reporting	Date:	2	/18/2022		
Location Descr:				Received 1			1.5 °C		
PARA	METER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT	UNI	ГS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	194339								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6877	ppbV			KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.5366	ppbV	2	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2962	ug/m3			KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.9673	ug/m3	2	0.0418	KL	12/21/2021		

COMMENTS: \$ETO received in the lab at 0.4 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 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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LABORATORY REPORT

				Date Collected:	1:	2/12/2021		
				Time Collected:	0	:00		
				Sample Collector:	J.	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	oring			Chlorination:				
4244 International Pkwy Ste				Sample Type:				
Atlanta, GA 30354				Received By:	н	Z		
				Date Received:	1:	2/21/2021		
Sample ID: AK90677				Time Received:	1	1:29 AM		
Facility Name: FULTON F2 QA				Project:	П	ATA STUDY		
Site ID: F2-QA Location ID:				-		/18/2022		
Location Descr:				Reporting Date: Received Temperate		0.9 °C		
PAR	AMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE METHOD	RESULT			NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batcl	n 194339							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7707	ppbV		KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.2422	ppbV	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8899	ug/m3		KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.4366	ug/m3	0.0418	KL	12/21/2021		

COMMENTS: \$ETO received in the lab at 9 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated org/L: organisms/liter	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles nene 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) 248-7383

LABORATORY REPORT

				Date Collect	ted:		2/12/2021		
				Time Collec	ted:	C):00		
				Sample Coll	ector:	C	C. CULBERT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received By		F	ΗZ		
				Date Receiv			2/17/2021		
Sample ID: AK90678				Time Receiv			3:36 AM		
Facility Name: DOUGLAS - GENERAL COF	FEE				/eu.				
Site ID: 013-069-0002				Project:		L	DATA STUDY		
Location ID:				Reporting D			2/18/2022		
Location Descr:				Received Te	emperat	ture: 2	0.0 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		rs	RL .	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1943	39								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8584	ppbV			KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0278	ppbV	SQ 2	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.5173	ug/m3			KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0501	ug/m3	SQ 2	0.0418	KL	12/21/2021		

COMMENTS: \$ETO received in the lab at 21 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

				Date Collec	ted.	1	2/12/2021		
				Time Collec):00		
				Sample Collect		-	I. STREET		
TO: Ga EPD Air Program	_			Canister Nu			11216		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cl			1/15/2021		
Atlanta, GA 30354				Received B			HZ		
					•				
Sample ID: AK90679				Date Recei	ved:		2/15/2021		
Facility Name: SOUTH DEKALB				Time Recei	ved:	1	1:12 AM		
Site ID: 013-089-0002				Project:		A	AIR		
Location ID: QCCAN				Reporting D	Date:	2	2/18/2022		
Location Descr:				Received T		ture: 2	0.0 °C		
PARAM ANALYTE COD			UNI	QUALIFIE		ΔΝΔΙ Υ	ANALYSIS	MCL QC R	
ETO by EPA Method TO-15 QC Batch 19	-		ON						unge
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1015	ppbV			KL	12/21/2021	8 to	1
Ethylene Oxide	EPA TO-15	0.0345	ppbV	SQ	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.2561	ug/m3			KL	12/21/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.0622	ug/m3	SQ	0.0418	KL	12/21/2021		

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

5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

			I						
				Date Collec	ted:	1	2/12/2021		
				Time Collec	ted:	0	:00		
				Sample Col	lector:	Н	I. STREET		
TO: Ga EPD Air Program				Canister Nu	ımber:	1	10256		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cl		-	1/15/2021		
Atlanta, GA 30354						-			
				Received B	y:	H	IZ		
				Date Receiv	ved:	1	2/15/2021		
Sample ID: AK90681				Time Recei	ved:	1	1:12 AM		
Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002				Project:		А	IR		
Location ID:				Reporting D	lato:		/18/2022		
Location Descr:				Received T			0.0 °C		
Location Desci.				Received I	emperat		0.0		
PARAMET				QUALIFIE			ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL A	ANALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1943	39								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4182	ppbV			KL	12/21/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0588	ppbV	SQ	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.3685	ug/m3			KL	12/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.106	ug/m3	SQ	0.0418	KL	12/21/2021		
ETO NATTS QA Replicate Precision									
Ethylene Oxide	EPA TO-15	2.02	%RPD			KL	12/22/2021		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4408	ppbV			KL	12/21/2021	8 to	12
	LIA IO-13	3.4400	hhn r				12/21/2021	0.0	
Ethylene Oxide	EPA TO-15	0.0600	ppb v ppbV	SQ	0.0232	KL	12/21/2021	010	

COMMENTS: \$ETO received in the labb at 4.4 psi.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts:Lab Director:Mark 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) 248-7383

LABORATORY REPORT

				Date Collec	ted.	1	2/18/2021		
				Time Collec):00		
				Sample Co		-	I. STREET		
TO: Ga EPD Air Program				Canister Nu			14358		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cl			1/29/2021		
Atlanta, GA 30354				Received B			HZ		
					•				
Sample ID: AK91184				Date Recei			2/21/2021		
Facility Name: SOUTH DEKALB				Time Recei	ved:	1	1:29 AM		
Site ID: 013-089-0002				Project:		A	AIR		
Location ID: QCCAN				Reporting D	Date:	2	2/18/2022		
Location Descr:				Received T	empera	ture: 2	3.6 °C		
PARAME				QUALIFIE				MCL	
ANALYTE CODI	E NOTE METHOD	RESULT	UNI	ſS	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	339								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2667	ppbV			KL	12/21/2021	8 to	1
Ethylene Oxide	EPA TO-15	0.0677	ppbV	SQ	0.0232	KL	12/21/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.2848	ug/m3			KL	12/21/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.122	ug/m3	SQ	0.0418	KL	12/21/2021		

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

ug/L: micrograms/liter mg/L; milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification ppb: parts per billion org/L: organisms/literug/kg: micrograms/gram ppm: parts per billion org/L: organisms/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit USPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 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) 248-7383

LABORATORY REPORT

			1					
				Date Collected:	12	/24/2021		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ina			Chlorination:				
4244 International Pkwy Ste 1				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	2		
				Date Received:	1/5	5/2022		
Sample ID: AK91185				Time Received:	11	:37 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:		18/2022		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DDE NOTE METHOD	RESULT	UNIT		ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 2	194450							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	11.0252	ppbV		KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1164	ppbV	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	78.8634	ug/m3		KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2098	ug/m3	0.0418	KL	1/7/2022		

COMMENTS: \$ETO received in the lab at 4.5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram 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: 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 524-0684 524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collec	tod.	11	2/21/2021		
				Time Collec		-	:00		
TO: Ga EPD Air Program				Sample Co	llector:	J.	BRYANT		
EPD Air Prot Ambient Monitoring				Chlorination	า:				
4244 International Pkwy Ste 120				Sample Typ	be:	Т			
Atlanta, GA 30354				Received B		H	Z		
				Date Recei	-	1/	/5/2022		
Sample ID: AK91186									
Facility Name: COBB S2 S6-SA S7-SA FB				Time Recei	ved:	T	1:37 AM		
Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	2/	/18/2022		
Location Descr:				Received T	emperat	ture: 21	1.0 °C		
PARAMETE	ER EPA			QUALIFIE	-R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19445	0								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8805	ppbV			KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.6753	ug/m3			KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	1/7/2022		

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

5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collected:	12	/24/2021		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	2		
				Date Received:	1/5	5/2022		
Sample ID: AK91187				Time Received:		:37 AM		
Facility Name: COBB S7-SA								
Site ID: S7-SA				Project:		ATA STUDY		
Location ID:				Reporting Date:		18/2022		
Location Descr:				Received Temperat	ure: 21	.0 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	4450							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.9596	ppbV		KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1660	ppbV	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	78.3941	ug/m3		KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2992	ug/m3	0.0418	KL	1/7/2022		

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

ug/L: micrograms/liter<: less than	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) 248-7383

LABORATORY REPORT

				Date Collected:	12	/24/2021		
				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:	HZ	7		
				Date Received:	1/5	5/2022		
Sample ID: AK91188				Time Received:	11	:37 AM		
Facility Name: COBB S2 Site ID: S2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:		18/2022		
Location Descr:				Received Temperat				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	E NOTE METHOD	RESULT	UNI		ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	450							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.5550	ppbV		KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1289	ppbV	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.5	ug/m3		KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2323	ug/m3	0.0418	KL	1/7/2022		

COMMENTS: \$ETO received in the lab at 2.5 in Hg.

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) 248-7383

LABORATORY REPORT

				Date Collec	ted:	12	/20/2021		
				Time Collec		0:0			
				Sample Col			BRYANT		
TO: Ga EPD Air Program				Chlorination		•			
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Sample Typ		т			
Atlanta, GA 30354				Received B		' HZ	7		
					,				
Sample ID: AK91189				Date Receiv	ved:	1/5	5/2022		
Sample ID: AK91189 Facility Name: COVINGTON C2 C3-SA FB				Time Recei	ved:	11	:36 AM		
Site ID: C2				Project:		DA	ATA STUDY		
Location ID:				Reporting D)ate:	2/*	18/2022		
Location Descr:				Received T					
PARAMETI	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19445	0								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8262	ppbV			KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.2869	ug/m3			KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	1/7/2022		

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: 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) 248-7383

LABORATORY REPORT

				Date Collected:	12/	/24/2021		
				Time Collected:	0:0	00		
				Sample Collector:	J. I	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	, -		
				Date Received:	1/5	5/2022		
Sample ID: AK91190				Time Received:	11:	:37 AM		
Facility Name: COVINGTON C2				Project:		TA STUDY		
Site ID: C2				-				
Location ID: Location Descr:				Reporting Date: Received Temperatu		8/2022 0 °C		
Location Desci.				Received Temperati	ile. 21.	0 -0		
PARAM				QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	rs rla	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	94450							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0110	ppbV		KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1478	ppbV	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.6088	ug/m3		KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2664	ug/m3	0.0418	KL	1/7/2022		

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

			1						
				Date Collec	ted:	12	2/24/2021		
				Time Collec	ted:	0:	00		
				Sample Co	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		H	Z		
				Date Received: 1/5/2022					
Sample ID: AK91191				Time Recei			1:37 AM		
Facility Name: COVINGTON C3-SA					veu.		-		
Site ID: C3-SA				Project:			ATA STUDY		
Location ID:				Reporting D			18/2022		
Location Descr:				Received T	emperat	ure: 21	.0 °C		
PARAME	TER 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 194	150								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9118	ppbV			KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0672	ppbV	SQ	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.8992	ug/m3			KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1211	ug/m3	SQ	0.0418	KL	1/7/2022		

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

ug/L: micrograms/liter<: less than	Laboratory Contacts: Lab Director: Mark Tolbe Inorganics: Carmen Py Metals: Shene Jon Organics: Mary Bowr GC Mass Spec: Ralph Schu Microbiology: Mary Bowr	es 470-524-0629 es 470-524-0544 an 470-524-0639 lz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

					Date Collec	ted:	12	/24/2021		
					Time Collec	cted:	0:0	00		
					Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Mor	nitorina				Chlorination	า:				
4244 International Pkwy S	0				Sample Typ	be:				
Atlanta, GA 30354					Received B		HZ	2		
					Date Recei	ved:	1/5	5/2022		
Sample ID: AK91192					Time Recei	ved:	11	:37 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA					Project:		DA	TA STUDY		
Location ID: QCCAN					Reporting E)ate:		18/2022		
Location Descr:					Received T					
P <i>i</i>	ARAMETER	EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE M	ETHOD	RESULT	UNIT			ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Bat	ch 194450									
Bromofluorobenzene(Surrogate QC Std.)		TO-15	10.3340	ppbV			KL	1/7/2022	8 to	12
Ethylene Oxide	EPA	TO-15	0.0602	ppbV	SQ	0.0232	2 KL	1/7/2022		
ETO Results by EPA Method TO-1	5									
Bromofluorobenzene(Surrogate QC Std.)	EPA	TO-15	73.9192	ug/m3			KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA	TO-15	0.1085	ug/m3	SQ	0.0418	8 KL	1/7/2022		

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

mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion RL: Reporting LSPC: result I USPC: result I USPC: result I TIE: Tentative	n Contaminant Level Limit ess than lower specification y Identified or Estimated n (result exceeds MCL) 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) 248-7383

LABORATORY REPORT

		1						
			Date Collec	ted:	12	/21/2021		
			Time Collec	cted:	0:0	00		
			Sample Co	lector:	J.	BRYANT		
			Chlorination	ו:				
			Sample Typ	be:	т			
					HZ	7		
			Date Recei	ved:	1/5	5/2022		
			Time Recei	ved:	11	:37 AM		
			Proiect:		DA	ATA STUDY		
			•)ata:				
ER EPA				R		ANALYSIS	MCL	or
NOTE METHOD	RESULT	UNIT			ANALYS	T DATE	QC R	
50								
EPA TO-15	9.8525	ppbV			KL	1/7/2022	8 to	12
EPA TO-15	0	ppbV	ND	0.0232	KL	1/7/2022		
EPA TO-15	70.475	ug/m3			KL	1/7/2022	57.22 to	85.84
EPA TO-15	0	11a/m2	ND	0.0418	KL	1/7/2022		
	NOTE METHOD 50 EPA TO-15 EPA TO-15 EPA TO-15	NOTE METHOD RESULT 50 EPA TO-15 9.8525 EPA TO-15 0 EPA TO-15 70.475	NOTE METHOD RESULT UNIT 50 EPA TO-15 9.8525 ppbV EPA TO-15 0 ppbV EPA TO-15 70.475 ug/m3	Time Collect Sample Col Chlorination Sample Typ Received B Date Received Time Received Time Received Time Received Time Received Project: Reporting D Received T Time Received Project: Reporting D Received T So EPA TO-15 9.8525 ppbV EPA TO-15 0 ppbV ND EPA TO-15 70.475 ug/m3	ER EPA QUALIFIER NOTE METHOD RESULT UNITS RL 50 EPA TO-15 9.8525 ppbV ppbV EPA TO-15 0 ppbV ND 0.0232 EPA TO-15 70.475 ug/m3	Time Collected: 0:0 Sample Collector: J. Chlorination: Sample Type: T Received By: HZ Date Received: 1/5 Time Received: 11 Project: DA Reporting Date: 2/7 Received Temperature: 21 TER EPA METHOD RESULT UNITS RL ANALYS 50 EPA TO-15 9.8525 ppbV KL EPA TO-15 0 ppbV ND 0.0232 KL EPA TO-15 70.475 ug/m3 KL	Time Collected:0:00Sample Collector:J. BRYANTChlorination:Sample Type:Sample Type:TReceived By:HZDate Received:1/5/2022Time Received:11:37 AMProject:DATA STUDYReporting Date:2/18/2022Received Temperature:21.0 °CTER EPA METHOD RESULTUNITSRLANALYSTDATESoEPA TO-159.8525PpbVND0.0232KL1/7/2022EPA TO-150ppbVND0ND0ND0KL1/7/2022EPA TO-1570.475ug/m3KL1/7/2022	Time Collected:0:00Sample Collector:J. BRYANTChlorination:Sample Type:Sample Type:TReceived By:HZDate Received:1/5/2022Time Received:11:37 AMProject:DATA STUDYReporting Date:2/18/2022Received Temperature:21.0 °CTer PA METHOD RESULTQUALIFIERANALYSISMCLQC R50EPA TO-159.8525EPA TO-150ppbVND0.0232KL1/7/20228 toEPA TO-1570.475ug/m3KL1/7/202257.22 to

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: C Metals: S Organics: M GC Mass Spec: F	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) 248-7383

LABORATORY REPORT

				Date Colle	cted:	12	/24/2021		
				Time Colle	cted:	0:0	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorinatio	n:				
4244 International Pkwy Ste 120				Sample Ty	pe:				
Atlanta, GA 30354				Received E	-	HZ	<u>Z</u>		
				Date Rece	ived:	1/5	5/2022		
Sample ID: AK91194				Time Rece	ived:	11	:37 AM		
Facility Name: FULTON F2				Project:		D4	ATA STUDY		
Site ID: F2				-	- .				
Location ID:				Reporting I			18/2022		
Location Descr:				Received T	empera	ure: 21	.0 °C		
PARAMI	ETER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	4450								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.7457	ppbV			KL	1/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.2904	ppbV	2	0.0232	KL	1/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.8641	ug/m3			KL	1/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.5235	ug/m3	2	0.0418	KL	1/7/2022		

COMMENTS: \$ETO received in the lab at 0.5 in Hg. Pressure difference of >3 in Hg between receipt from field and receipt in lab.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/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)	Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: 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) 248-7383

LABORATORY REPORT

				Date Collected:		/24/2021		
				Time Collected:	0:0	00		
				Sample Collector:	C.	CULBERT		
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:	1/5	5/2022		
Sample ID: AK91195				Time Received:	7:5	54 AM		
Facility Name: douglas - general coffee Site ID: 013-069-0002				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	2/1	8/2022		
Location Descr:				Received Temperatu				
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI		NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1944	17							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1173	ppbV		KL	1/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0740	ppbV	0.0232	KL	1/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.3692	ug/m3		KL	1/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1334	ug/m3	0.0418	KL	1/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated org/L: organisms/liter	Laboratory Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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LABORATORY REPORT

				Date Collected:	10	/24/2021		
				Time Collected:	0:0	-		
TO: Ga EPD Air Program				Sample Collector:	Н.	STREET		
EPD Air Prot Ambient Monitoring				Canister Number:	11	0325		
4244 International Pkwy Ste 120				Canister Cleaned:	11	/29/2021		
Atlanta, GA 30354				Received By:	ΗZ			
				Date Received:	12	/29/2021		
Sample ID: AK91196				Time Received:	11	:40 AM		
Facility Name: south dekalb Site ID: 013-089-0002				Project:	AIF	२		
Location ID:				Reporting Date:		8/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNI		NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	417							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8187	ppbV		KL	1/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1269	ppbV	0.0232	KL	1/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.2333	ug/m3		KL	1/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2287	ug/m3	0.0418	KL	1/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram 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)	Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: 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) 248-7383

LABORATORY REPORT

				Date Collec	ted:	1:	2/30/2021		
				Time Collec	cted:	0:	00		
				Sample Collector:		Н	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Number: Canister Cleaned:		1	114348		
						1:	12/14/2021		
Atlanta, GA 30354				Received By:		н	Z		
				Date Receiv	ved:	1/	4/2022		
Sample ID: AK92591				Time Recei	ved:	1():43 AM		
Facility Name: SOUTH DEKALB				Project:		Δ	IR		
Site ID: 013-089-0002 Location ID:				-)oto:		18/2022		
Location Descr:				Reporting D Received T		_,			
							-		
	AMETER EPA ODE NOTE METHOD	RESULT	UNIT	QUALIFIE IS		ANALY	ANALYSIS ST DATE	MCL QC R	· • ·
ETO by EPA Method TO-15 QC Batch	194417								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	11.0022	ppbV			KL	1/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0547	ppbV	SQ	0.0232	2 KL	1/5/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	78.6989	ug/m3			KL	1/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0986	ug/m3	SQ	0.0418	8 KL	1/5/2022		
COMMENTS: \$ETO received in the lab at	5.2 psi.								

ug/L: micrograms/liter<: less than	
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