

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 20, 2022

MEMORANDUM

- To: Karen Hays, Air Branch Chief KH
- Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: South DeKalb June 2022 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were taken at our South DeKalb monitoring station during the month of June 2022 Samples were collected on the pressurized ATEC system. 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 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 "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised.

Location	Date	Qualifier	EtO Concentration (µg/m ³)
South DeKalb ATEC	06/04/2022	1, 6, SQ	0.11
South DeKalb ATEC	06/10/2022	1, 2, 6	0.19
South DeKalb ATEC QA	06/10/2022	1, 6	0.14
South DeKalb ATEC	06/16/2022	1, 6	0.22
South DeKalb ATEC	06/22/2022	1, 6	0.23
South DeKalb ATEC	06/28/2022	1, 6	0.24

If you have any questions, please let me know.

DGO/do

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

LABORATORY REPORT

			Date Collected:	6/1	0/2022		
			Time Collected:	0:0	0		
			Sample Collector:	J. E	BRYANT		
itorina			Chlorination:				
			Sample Type:				
			Received By:	HZ			
			Date Received:	6/2	1/2022		
			Time Received:	10:	33 AM		
			Project:	DA	TA STUDY		
			-	8/2	6/2022		
				ire: 22.9	9°C		
RAMETER EP	A		QUALIFIER		ANALYSIS	MCL	or
CODE NOTE METH	IOD RESULT	UNIT	S RLA	NALYS	T DATE	QC R	lange
ch 197220							
	15 9.6901	ppbV		KL	6/23/2022	8 to	12
EPA TO-1	15 0.1396	ppbV	0.0232	KL	6/23/2022		
i							
EPA TO-1	15 69.3134	ug/m3		KL	6/23/2022	57.22 to	85.84
EPA TO-1	15 0.2516	ug/m3	0.0418	KL	6/23/2022		
	CODE NOTE METH ch 197220 EPA TO- EPA TO- EPA TO-	RAMETER EPA CODE NOTE METHOD RESULT ch 197220 EPA TO-15 9.6901 EPA TO-15 0.1396 EPA TO-15 69.3134	itoring le 120 RAMETER EPA CODE NOTE METHOD RESULT UNIT Ch 197220 EPA TO-15 9.6901 ppbV EPA TO-15 0.1396 ppbV EPA TO-15 69.3134 ug/m3	Sample Type: Received By: Date Received: Time Received: Project: Reporting Date: Received Temperatu VRAMETER EPA QUALIFIER CODE NOTE METHOD RESULT UNITS RL A CODE NOTE METHOD RESULT UNITS RL A Ch 197220 EPA TO-15 9.6901 ppbV EPA TO-15 0.1396 ppbV 0.0232 EPA TO-15 69.3134 ug/m3	Time Collected: 0:00 Sample Collector: J. E Chlorination: Sample Type: Received By: HZ Date Received: 6/2 Time Received: 10: Project: DA Reporting Date: 8/2 Received Temperature: 22.5 RAMETER EPA QUALIFIER / CODE NOTE METHOD RESULT UNITS RL ANALYS Ch 197220 EPA TO-15 9.6901 ppbV KL EPA TO-15 0.1396 ppbV 0.0232 KL EPA TO-15 69.3134 ug/m3 KL	Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 6/21/2022 Time Received: 10:33 AM Project: DATA STUDY Reporting Date: 8/26/2022 Received Temperature: 22.9 °C SRAMETER EPA CODE NOTE METHOD RESULT EPA TO-15 9.6901 ppbV EPA TO-15 0.1396 ppbV EPA TO-15 69.3134 ug/m3 KL 6/23/2022	Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 6/21/2022 Time Received: 10:33 AM Project: DATA STUDY Reporting Date: 8/26/2022 Received Temperature: 22.9 °C RAMETER EPA EPA RESULT UNITS RL ANALYST DATE QC R CODE NOTE METHOD RESULT UNITS RL ANALYST DATE QC R Ch 197220 EPA TO-15 9.6901 ppbV KL 6/23/2022 8 to EPA TO-15 0.1396 ppbV 0.0232 KL 6/23/2022 8 to EPA TO-15 69.3134 ug/m3 KL 6/23/2022 57.22 to

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

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

LABORATORY REPORT

			1					
				Date Collected:	6/	10/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	rina			Chlorination:				
4244 International Pkwy Ste				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	Z		
				Date Received:	6/2	21/2022		
Sample ID: AL01116				Time Received:	10:33 AM			
Facility Name: COBB S2-QA Site ID: S2-QA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	8/	26/2022		
Location Descr:				Received Temperat				
PAR	AMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT	UNIT	rs RL A	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	197220							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1850	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0896	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.8534	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1615	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 4.5 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	
--	---	--	--	--	--

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

LABORATORY REPORT

r								
				Date Collected:	6/1	0/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	,		
				Date Received:	6/2	21/2022		
Sample ID: AL01117	Sample ID: AL01117 Facility Name: COBB S2			Time Received:		:33 AM		
Site ID: S2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	8/2	26/2022		
Location Descr:				Received Temperate	ure: 22.	6 °C		
PARAM	IETER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs RL A	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	97220							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9067	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0751	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.8627	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1354	ug/m3	0.0418	KL	6/23/2022		

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	
--	--	--	--	--

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

LABORATORY REPORT

				Date Collec	ted:	6/4	/2022		
				Time Collec	cted:	0:0	00		
				Sample Co	llector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	rina			Canister No	umber:	11	4354		
4244 International Pkwy Ste	5			Canister Cl	eaned:	5/1	16/2022		
Atlanta, GA 30354				Received B	y:	HZ			
				Date Recei	ved:	6/7	/2022		
Sample ID: AL01118				Time Received: 11:26 AM			:26 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AIF	२		
Location ID:				Reporting D	Date:	8/2	26/2022		
Location Descr:				Received T					
PAR	AMETER EPA			QUALIFI	ER		ANALYSIS	MCL	. or
ANALYTE C	ODE NOTE METHOD	RESULT	UNIT	ſS	RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	196994								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8946	ppbV			KL	6/8/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0602	ppbV	SQ	0.0232	KL	6/8/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.7762	ug/m3			KL	6/8/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1085	ug/m3	SQ	0.0418	KL	6/8/2022		

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

mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion TIE: Te	than laximum Contaminant Level porting Limit result less than lower specification result greater than upper specification ntatively 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	
--	--	--	--	--	--

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

LABORATORY REPORT

			1					
				Date Collected:	6/1	10/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	7		
				Date Received:	6/2	21/2022		
Sample ID: AL01119				Time Received:	10	10:33 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:		26/2022		
Location Descr:				Received Temperatu				
PARA	METER EPA		U	QUALIFIER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNI	rs rl a	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97220							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2235	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0792	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.1288	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1428	ug/m3	0.0418	KL	6/23/2022		

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	
--	---	--	--	--	--

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

LABORATORY REPORT

			1					
				Date Collected:	6/	10/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ina			Chlorination:				
4244 International Pkwy Ste 1				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	<u>Z</u>		
<u> </u>				Date Received:	6/2	21/2022		
Sample ID: AL01120				Time Received:	10):33 AM		
Facility Name: FULTON F2				Project:	D	ATA STUDY		
Site ID: F2 Location ID:				•		26/2022		
Location Descr:				Reporting Date: Received Temperate				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT	UNI		NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	197220							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8584	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1083	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.5173	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1952	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 7.5 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
------------------------------------	---	--

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

LABORATORY REPORT

			1						
				Date Collec	ted:	6	/10/2022		
				Time Collec	ted:	0	:00		
				Sample Col	lector:	С	. KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B		н	Z		
				Date Receiv	•	6	/17/2022		
Sample ID: AL01121				Time Recei		-	:01 PM		
Facility Name: douglas - general coffee					veu.		-		
Site ID: 013-069-0002				Project:			ATA STUDY		
Location ID:				Reporting D			/26/2022		
Location Descr:				Received T	emperat	ure: 24	4.4 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1972	20								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9146	ppbV			KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0687	ppbV	SQ	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.9192	ug/m3			KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1238	ug/m3	SQ	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 21.8 psi.

mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion TIE: Te	than laximum Contaminant Level borting Limit result less than lower specification result greater than upper specification ntatively Identified or Estimated /iolation (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	
--	--	--	--	--	--

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

LABORATORY REPORT

				Date Collec	ted:	6/	/10/2022		
				Time Collec	ted:	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	e:				
Atlanta, GA 30354				Received B	y:	Н	Z		
				Date Receiv	/ed:	6/	/21/2022		
Sample ID: AL01122				Time Recei	ved:	1	0:33 AM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:		D	ATA STUDY		
Location ID:				Reporting D			/26/2022		
Location Descr:				Received T	emperat	ture: 2	1.4 °C		
ANALYTE CODE	ER EPA NOTE METHOD	RESULT		QUALIFIE IS		ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1972	20								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3787	ppbV			KL	6/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0605	ppbV	SQ	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.239	ug/m3			KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1091	ug/m3	SQ	0.0418	KL	6/23/2022		

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	
--	--	--	--	--

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

LABORATORY REPORT

			1					
				Date Collected:	6/1	0/2022		
				Time Collected:	0:0	0		
				Sample Collector:	Н. 3	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	orina			Canister Number:	114	1320		
4244 International Pkwy Ste				Canister Cleaned:	5/1	6/2022		
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	6/1	4/2022		
Sample ID: AL01123				Time Received:	10:	26 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIF	R		
Location ID: QCCAN				Reporting Date:	8/2	6/2022		
Location Descr:				Received Temperatu	ire: 24.4	4 °C		
PAR	AMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE METHOD	RESULT	UNIT	S RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	n 197082							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6745	ppbV		KL	6/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1040	ppbV	0.0232	KL	6/16/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2018	ug/m3		KL	6/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1875	ug/m3	0.0418	KL	6/16/2022		

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
------------------------------------	---	--

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

LABORATORY REPORT

			1					
				Date Collected:	6/	/10/2022		
				Time Collected:	0	00		
				Sample Collector:	Н	. STREET		
TO: Ga EPD Air Program				Canister Number:	1	14322		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cleaned:		/16/2022		
Atlanta, GA 30354								
				Received By:	Н			
Sample ID: AL01129				Date Received:	6/	/14/2022		
Sample ID: AL01129 Facility Name: SOUTH DEKALB QA				Time Received:	10	0:26 AM		
Site ID: 013-089-0002				Project:	А	IR		
Location ID:				Reporting Date:	8	/26/2022		
Location Descr:				Received Temperatu		1.4 °C		
					uio. –			
PARAME				QUALIFIER		ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs rla	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	082							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8634	ppbV		KL	6/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0786	ppbV	0.0232	KL	6/16/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.553	ug/m3		KL	6/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1417	ug/m3	0.0418	KL	6/16/2022		
ETO NATTS QA Replicate Precision								
Ethylene Oxide	EPA TO-15	13.5	%RPD		KL	6/17/2022		25
ETO QA Replicate Result								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8614	ppbV		KL	6/16/2022	8 to	12

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

ug/L: micrograms/liter mg/kg: milligrams/liter mg/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: I	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	
--	--	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/1	6/2022		
				Time Collected:	0:0			
				Sample Collector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ring			Canister Number:		1215		
4244 International Pkwy Ste				Canister Cleaned:		31/2022		
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/2	1/2022		
Sample ID: AL02171				Time Received:		:33 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIF			
Location Descr:				Reporting Date: Received Temperatu	8/2	26/2022		
	AMETER EPA ODE NOTE METHOD	RESULT	UNIT	QUALIFIER IS RL A		ANALYSIS T DATE	MCL QC R	
TO by EPA Method TO-15 QC Batch	197220							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8513	ppbV		KL	6/23/2022	8 to	1
Ethylene Oxide	EPA TO-15	0.1200	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.4665	ug/m3		KL	6/23/2022	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.2163	ug/m3	0.0418	KL	6/23/2022		

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

mg/L: milligrams/liter M mg/kg: milligrams/kilogram F ug/kg: micrograms/kilogram L ug/g: micrograms/gram L ppm: parts per million T ppb: parts per billion T	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit _SPC: result less than lower specification JSPC: result greater than upper specification FIE: Tentatively Identified or Estimated /IOL: 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	
--	--	--	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/2	22/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	r			Chlorination:				
4244 International Pkwy Ste 120	5			Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	30/2022		
Sample ID: AL02172				Time Received:	9:3	32 AM		
Facility Name: COBB S2 Site ID: S2				Project:	DA	TA STUDY		
Site ID: S2 Location ID:				Reporting Date:		26/2022		
Location Descr:				Received Temperat				
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COE	DE NOTE METHOD	RESULT	UNI		ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	7354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8777	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1753	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.6553	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.316	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 6 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	
------------------------------------	---	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/2	22/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorination:				
4244 International Pkwy Ste 12	0			Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	30/2022		
Sample ID: AL02173				Time Received:	9:3	32 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:		26/2022		
Location Descr:				Received Temperat				
PARAI	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNI	rs RL A	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7538	ppbV		KL	7/5/2022	8 to	1.
Ethylene Oxide	EPA TO-15	0.1563	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.769	ug/m3		KL	7/5/2022	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.2817	ug/m3	0.0418	KL	7/5/2022		

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

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

LABORATORY REPORT

			I						
				Date Colle	cted:	6/2	22/2022		
				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	-	KL			
				Date Recei	ived:	6/3	30/2022		
Sample ID: AL02174				Time Rece	ived:		32 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:		DA	ATA STUDY		
Location ID:				Reporting I	Date:		26/2022		
Location Descr:				Received 1					
PARAMI	ETER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	7354								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9684	ppbV			KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1031	ppbV	2	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.3041	ug/m3			KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1858	ug/m3	2	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 3.5 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
--	--	--

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

LABORATORY REPORT

			Date Collect Time Collect		6/2 0:0	21/2022		
			Time Collec	ted.	0.0	0		
					0.0			
			Sample Col	lector:	J. I	BRYANT		
			Chlorinatior	1:				
			Sample Typ	e:	т			
					KL			
					6/3	80/2022		
			•	ata.				
			Received 1	emperat	JIE. 24.	5 °C		
R EPA			QUALIFIE	R		ANALYSIS	MCL	. or
NOTE METHOD	RESULT	UNIT	ſS	RL A	NALYS	T DATE	QC R	ange
EPA TO-15	10.3740	ppbV			KL	7/7/2022	8 to	12
EPA TO-15	0	ppbV	ND	0.0232	KL	7/7/2022		
EPA TO-15	74.2053	ug/m3			KL	7/7/2022	57.22 to	85.84
EPA TO-15	0	ug/m3	ND	0.0418	KL	7/7/2022		
	EPA TO-15 EPA TO-15 EPA TO-15	EPA TO-15 10.3740 EPA TO-15 0 EPA TO-15 74.2053	EPA TO-15 10.3740 ppbV EPA TO-15 0 ppbV EPA TO-15 0 ug/m3	Sample Typ Received By Date Received Project: Reporting D Received To Roote METHOD RESULT EPA TO-15 10.3740 ppbV EPA TO-15 0 ppbV ND EPA TO-15 74.2053 ug/m3	Reporting Date: Received Temperature ROTE METHOD RESULT UNITS RL A EPA TO-15 10.3740 ppbV EPA TO-15 0 ppbV ND 0.0232 EPA TO-15 74.2053 ug/m3	Sample Type: T Received By: KL Date Received: 6/3 Time Received: 9:3 Project: DA Reporting Date: 8/2 Received Temperature: 24. Rote METHOD RESULT UNITS RL ANALYS EPA TO-15 10.3740 ppbV KL EPA TO-15 0 ppbV ND 0.0232 KL EPA TO-15 74.2053 ug/m3 KL	Sample Type: T Received By: KL Date Received: 6/30/2022 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 8/26/2022 Received Temperature: 24.5 °C R EPA TO-15 10.3740 ppbV KL 7/7/2022 EPA TO-15 10.3740 ppbV ND 0.0232 KL 7/7/2022 EPA TO-15 74.2053 ug/m3 KL 7/7/2022	Sample Type: T Received By: KL Date Received: 6/30/2022 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 8/26/2022 Received Temperature: 24.5 °C R EPA TO-15 10.3740 ppbV KL 7/7/2022 8 to EPA TO-15 0 ppbV ND 0.0232 KL 7/7/2022 8 to EPA TO-15 74.2053 ug/m3 KL 7/7/2022 57.22 to

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

ug/L: micrograms/liter mg/k: 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 TolbertInorganics:Carmen PylesMetals:Shene JonesOrganics:Mary BowmanGC Mass Spec:Ralph SchulzMicrobiology:Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709
--	---	--

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

LABORATORY REPORT

				Date Collected:	6/2	22/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J. I	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	30/2022		
Sample ID: AL02176				Time Received:	9:3	32 AM		
Facility Name: COVINGTON C3-SA Site ID: C3-SA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	8/2	26/2022		
Location Descr:				Received Temperat	ure: 24.	1 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RL /	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7704	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1774	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8878	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3198	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 8 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	
--	--	--	--	--

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

LABORATORY REPORT

				Date Collec	ted.	6/3	21/2022		
				Time Collec		0:0			
				Sample Co			BRYANT		
TO: Ga EPD Air Program				•		J.	DRTANT		
EPD Air Prot Ambient Monitoring				Chlorination	า:				
4244 International Pkwy Ste 120 Atlanta, GA 30354				Sample Typ	be:	Т			
Allania, GA 30354				Received B	sy:	KL			
				Date Recei	ved:	6/3	30/2022		
Sample ID: AL02177				Time Recei	ved:	9:3	32 AM		
Facility Name: COBB S2, S6-SA, S7-SA FB Site ID: S2				Project:		DA	ATA STUDY		
Location ID:				Reporting D)ate:	8/2	26/2022		
Location Descr:				Received T					
PARAMETE	R EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI			ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19740	5								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2610	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	7/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.3971	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	7/7/2022		

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

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

LABORATORY REPORT

			1					
				Date Collected:	6/2	22/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	าต			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	30/2022		
Sample ID: AL02178				Time Received:	9:3	32 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	ATA DTUDY		
Location ID:				Reporting Date:	8/2	26/2022		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNI		ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7272	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.2634	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.5788	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.4748	ug/m3	0.0418	KL	7/5/2022		

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

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

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

LABORATORY REPORT

			Ĩ					
				Date Collected:	6/2	2/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	0/2022		
Sample ID: AL02179				Time Received:	9:3	2 AM		
Facility Name: COBB S7-SA				Project:	DA	TA STUDY		
Site ID: S7-SA Location ID: QCCAN				Reporting Date:		6/2022		
Location Descr:				Received Temperatu				
	METER EPA			QUALIFIER	-		MCL	
ANALYTE CC	DE NOTE METHOD	RESULT		rs rla	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8128	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1020	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.1911	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1839	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 6 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	
--	--	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/2	22/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J. I	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	a			Chlorination:				
4244 International Pkwy Ste 12	0			Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/3	30/2022		
Sample ID: AL02180				Time Received:	9:3	32 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	8/2	26/2022		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI		ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	97354							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7835	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1587	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.9815	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2861	ug/m3	0.0418	KL	7/5/2022		

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	
--	---	--	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/28/2	022		
				Time Collected:	0:00			
				Sample Collector:	J. BRY	'ANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	11437	5		
4244 International Pkwy Ste 120				Canister Cleaned:	5/31/2	022		
Atlanta, GA 30354				Received By:	KL			
				Date Received:	6/30/2	022		
Sample ID: AL02181				Time Received:	9:32 A	Μ		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR			
Location ID:				Reporting Date:	8/26/2	022		
Location Descr:				Received Temperature	e: 24.2	٥C		
PARAME	ETER EPA			QUALIFIER	AN	ALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl an	ALYST D	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	7405							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8298	ppbV		KL 7	7/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1327	ppbV	0.0232	KL 7	7/7/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.3127	ug/m3		KL 7	7/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2392	ug/m3	0.0418	KL 7	7/7/2022		

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
--	--	--

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

LABORATORY REPORT

				Date Colle	cted:	6/2	22/2022		
				Time Colle	cted:	0:	00		
				Sample Co	llector:	С	KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatio	n:				
4244 International Pkwy Ste 120				Sample Ty	pe:				
Atlanta, GA 30354				Received E	-	KL	_		
				Date Rece	,	7/	5/2022		
Sample ID: AL02184				Time Rece			:52 AM		
Facility Name: General Coffee				Project:	ivea.		ATA STUDY		
Site ID: 013-069-0002					Data				
Location ID: Location Descr:				Reporting I Received 1			26/2022 .9 °C		
PARAME ANALYTE COD	TER EPA E NOTE METHOD	RESULT	UNI	QUALIFI		ANALYS	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 197	405								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5186	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0919	ppbV	2	0.0232	KL	7/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.0867	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1657	ug/m3	2	0.0418	KL	7/7/2022		

COMMENTS: \$ETO received in the lab at 20.4 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

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

LABORATORY REPORT

			1						
				Date Collec	ted:	6/2	21/2022		
				Time Collec	cted:	0:0	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	า:				
4244 International Pkwy Ste 120				Sample Typ	be:	т			
Atlanta, GA 30354				Received B	y:	KL	-		
				Date Recei	ved:	6/3	30/2022		
Sample ID: AL02185				Time Recei		9:3	32 AM		
Facility Name: FULTON F2, F1-SA FB Site ID: F2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	Date:	8/2	26/2022		
Location Descr:				Received T					
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI			ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1974	05								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3723	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	7/7/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.1932	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	7/7/2022		

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	
---	--	--	--	--	--

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

LABORATORY REPORT

				Date Collected:	6/	/22/2022		
				Time Collected:	0:	:00		
				Sample Collector:	Н	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	1	14311		
4244 International Pkwy Ste 120				Canister Cleaned:	5,	/31/2022		
Atlanta, GA 30354				Received By:	K	L		
				Date Received:	6/	/24/2022		
Sample ID: AL02186				Time Received:	9:	:06 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	А	IR		
Location ID:				Reporting Date:		/26/2022		
Location Descr:				Received Temperatu		4.9 °C		
PARAMET ANALYTE CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIER IS RL A	NALY	ANALYSIS ST DATE	MCL QC R	· • ·
ETO by EPA Method TO-15 QC Batch 1973	09							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1599	ppbV		HZ	6/28/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.13	ppbV	0.0232	ΗZ	6/28/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.6739	ug/m3		ΗZ	6/28/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2343	ug/m3	0.0418	ΗZ	6/28/2022		
COMMENTS: \$ETO received in the lab at 5.4 p	si.							

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