

ENVIRONMENTAL PROTECTION DIVISION

April 3, 2023

MEMORANDUM

То:	Karen Hays, Air Branch Chief KH
Through:	James Boylan, Assistant Branch Chief
Through:	DeAnna Oser, Ambient Monitoring Program Manager
From:	Jaime Gore, Operations 1 Unit Manager
RE:	Covington – May 5 – May 29, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of May 5 – May 29, 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 "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 (µg/m ³)
C2	05/05/2022		0.19
C2	05/17/2022	2	0.32
C2	05/29/2022		0.36
C2 QA	05/05/2022		0.20
C3 SA	05/17/2022		0.13

If you have any questions, please let me know.

JCG

Richard E. Dunn, Director

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

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

LABORATORY REPORT

				Date Collected:	5/5/	2022		
				Time Collected:	0:00	C		
				Sample Collector:	J. B	RYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Chlorination:				
4244 International Pkwy Ste 12				Sample Type:				
Atlanta, GA 30354				Received By:	KL			
				Date Received:	5/13	3/2022		
Sample ID: AK99120				Time Received:	10:3	37 AM		
Facility Name: COBB S2-QA Site ID: S2-QA				Project:	DA	TA STUDY		
Location ID: QCCAN				Reporting Date:		2022		
Location Descr:				Received Temperatu				
PARA	IETER EPA			QUALIFIER	ŀ	NALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	S RL AI	ALYS	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	96636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5571	ppbV		ΗZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.2592	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.362	ug/m3		ΗZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.4672	ug/m3	0.0418	ΗZ	5/17/2022		

ug/L: micrograms/liter mg/L: milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification 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:	5/1	1/2022		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	orina			Canister Number:	11	4353		
4244 International Pkwy Ste				Canister Cleaned:	4/1	18/2022		
Atlanta, GA 30354				Received By:	KL			
				Date Received:	5/1	3/2022		
Sample ID: AK99121				Time Received:	10	:37 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	All	२		
Location ID:				Reporting Date:	8/4	/2022		
Location Descr:				Received Temperate	ure: 19.	7 °C		
PAF	AMETER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE	CODE NOTE METHOD	RESULT	UNIT	rs rl a	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batc	h 196636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3430	ppbV		HZ	5/17/2022	8 to	1
Ethylene Oxide	EPA TO-15	0.1507	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.8306	ug/m3		HZ	5/17/2022	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.2716	ug/m3	0.0418	ΗZ	5/17/2022		

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LABORATORY REPORT

				Date Collected:	5/1	7/2022		
				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:	5/2	6/2022		
Sample ID: AK99122				Time Received:		6 AM		
Facility Name: COVINGTON C2						-		
Site ID: C2				Project:		TA STUDY		
Location ID:				Reporting Date:		/2022		
Location Descr:				Received Temperate	ure: 23.	1 ⁰C		
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 1967	763							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8634	ppbV		KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1799	ppbV	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.553	ug/m3		KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3243	ug/m3	0.0418	KL	6/1/2022		

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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LABORATORY REPORT

			1						
				Date Collec	ted:	5/1	7/2022		
				Time Collect	ted:	0:0	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		KL			
				Date Recei	ved:	5/2	26/2022		
Sample ID: AK99123				Time Recei	ved:	9:5	56 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:		DA	TA STUDY		
Location ID:				Reporting [Date:	8/4	1/2022		
Location Descr:				Received T		ture: 23	1 °C		
PARAM	IETER EPA			QUALIFI	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI			ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	96763								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7113	ppbV			KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0727	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.465	ug/m3			KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.131	ug/m3	SQ	0.0418	KL	6/1/2022		

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 Collec	ted:	5/*	17/2022		
				Time Collect	cted:	0:0	00		
				Sample Co	lector:	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		KL	-		
				Date Recei	ved:	5/2	26/2022		
Sample ID: AK99125				Time Recei	ved:	9:5	56 AM		
Facility Name: COBB S2 Site ID: S2				Project:		DA	ATA STUDY		
Location ID:				Reporting D	Date:	8/4	4/2022		
Location Descr:				Received T					
PARAME	TER EPA		•	QUALIFIE	R		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNI			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 196	763								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6767	ppbV			KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0636	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2175	ug/m3			KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1146	ug/m3	SQ	0.0418	KL	6/1/2022		

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

				Date Collected:	5/5	5/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	rina			Chlorination:				
4244 International Pkwy Ste 1				Sample Type:				
Atlanta, GA 30354				Received By:	KL	-		
				Date Received:	5/1	13/2022		
Sample ID: AK99128				Time Received:	10	:37 AM		
Facility Name: COBB S2 Site ID: S2				Project:	DA	ATA STUDY		
Location ID: QCCAN				Reporting Date:	8/4	1/2022		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE C	ODE NOTE METHOD	RESULT	UNIT	S RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	196636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3828	ppbV		HZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1396	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.1153	ug/m3		HZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2516	ug/m3	0.0418	HZ	5/17/2022		

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 Collected:	5/	5/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ina			Chlorination:				
4244 International Pkwy Ste 1	5			Sample Type:				
Atlanta, GA 30354				Received By:	KI	L		
				Date Received:	5/	13/2022		
Sample ID: AK99129				Time Received:	10):37 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:		4/2022		
Location Descr:				Received Temperate				
	METER EPA			QUALIFIER		ANALYSIS	MCL	
ANALYTE C	ODE NOTE METHOD	RESULT	UNI	rs RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	196636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0362	ppbV		HZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1075	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.636	ug/m3		HZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1938	ug/m3	0.0418	HZ	5/17/2022		

ug/L: micrograms/liter mg/L: milligrams/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification 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 Colle	cted:	5/	5/2022		
				Time Colle	cted:	0:	00		
				Sample Co	llector:	С	. KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorinatio	n:				
4244 International Pkwy Ste 12				Sample Ty	pe:				
Atlanta, GA 30354				Received E	-	K	L		
				Date Rece	ived:	5/	/13/2022		
Sample ID: AK99130				Time Rece	ived:	1:	27 PM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID:				Reporting	Date:		4/2022		
Location Descr:				Received 1			5.9 °C		
PARA	IETER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT		ГS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	96636								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2866	ppbV			HZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0976	ppbV	2	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.4272	ug/m3			HZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1759	ug/m3	2	0.0418	HZ	5/17/2022		

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 mg/kg: milligrams/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 Tolbert470-524-0Inorganics:Carmen Pyles470-524-0Metals:Shene Jones470-524-0Organics:Mary Bowman470-524-0GC Mass Spec:Ralph Schulz470-524-0Microbiology:Mary Bowman470-524-0	629 544 639 684
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LABORATORY REPORT

			1					
				Date Collected:	5/5	5/2022		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	orina			Canister Number:	11	4378		
4244 International Pkwy Ste				Canister Cleaned:	4/1	18/2022		
Atlanta, GA 30354				Received By:	KL			
				Date Received:	5/9	9/2022		
Sample ID: AK99131				Time Received:	12	:43 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	All	२		
Location ID:				Reporting Date:	8/4	1/2022		
Location Descr:				Received Temperatu				
PAF	RAMETER 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 Batc	h 196380							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4622	ppbV		KL	5/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1291	ppbV	0.0232	KL	5/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.6832	ug/m3		KL	5/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2327	ug/m3	0.0418	KL	5/11/2022		

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) 248-7384

LABORATORY REPORT

			1					
				Date Collected:	5/	5/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitor	ina			Chlorination:				
4244 International Pkwy Ste 1	5			Sample Type:				
Atlanta, GA 30354				Received By:	KI	L		
				Date Received:	5/	13/2022		
Sample ID: AK99132				Time Received:	10	D:37 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	8/	4/2022		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE C	ODE NOTE METHOD	RESULT	UNI	rs RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	196636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5664	ppbV		ΗZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1268	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.4286	ug/m3		HZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2286	ug/m3	0.0418	HZ	5/17/2022		

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 Collected:	5/5	5/2022		
				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:	5/1	3/2022		
Sample ID: AK99133				Time Received:	10	:37 AM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	8/4	/2022		
Location Descr:				Received Temperatu				
PARAMI	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	rs rl a	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5861	ppbV		ΗZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1110	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.5695	ug/m3		ΗZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2001	ug/m3	0.0418	ΗZ	5/17/2022		

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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LABORATORY REPORT

			I					
				Date Collected:	5/	5/2022		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program				Canister Number:	11	4339		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Canister Cleaned:		18/2022		
Atlanta, GA 30354								
				Received By:	KL			
Sample ID: AK99134				Date Received:	5/9	9/2022		
Sample ID: AK99134 Facility Name: SOUTH DEKALB QA				Time Received:	12	2:43 PM		
Site ID: 013-089-0002				Project:	AI	R		
Location ID:				Reporting Date:	8/	4/2022		
Location Descr:				Received Temperatu				
PARAMET				QUALIFIER		ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs rla	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19638	30							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6338	ppbV		KL	5/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1151	ppbV	0.0232	KL	5/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.9107	ug/m3		KL	5/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2075	ug/m3	0.0418	KL	5/11/2022		
ETO NATTS QA Replicate Precision								
Ethylene Oxide	EPA TO-15	18.7	%RPD		KL	5/12/2022		25
ETO QA Replicate Result								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6675	ppbV		KL	5/11/2022	8 to	12
Ethylene Oxide								

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: SI Organics: M GC Mass Spec: R	lark Tolbert armen Pyles hene Jones lary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

			1					
				Date Collected:	5/	5/2022		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	orina			Chlorination:				
4244 International Pkwy Ste	0			Sample Type:				
Atlanta, GA 30354				Received By:	KI	L		
				Date Received:	5/	13/2022		
Sample ID: AK99135				Time Received:	10	D:37 AM		
Facility Name: FULTON F2-QA Site ID: F2-QA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	8/	4/2022		
Location Descr:				Received Temperat	ure: 21	.6 °C		
PAR	AMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE METHOD	RESULT	UNI	rs RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch	n 196636							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6530	ppbV		ΗZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1244	ppbV	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.048	ug/m3		ΗZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2242	ug/m3	0.0418	ΗZ	5/17/2022		

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) 248-7384

LABORATORY REPORT

				Date Collected:	5/17	/2022		
				Time Collected:	0:00			
				Sample Collector:	J. BF	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:	5/26	/2022		
Sample ID: AL00077				Time Received:	9:56	AM		
Facility Name: COVINGTON C3-SA Site ID: C3-SA				Project:	DAT	A STUDY		
Location ID: QCCAN				Reporting Date:	8/4/2			
Location Descr:				Received Temperatu		°C		
PARAMET	ER EPA			QUALIFIER	Α	NALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs RL AI	NALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19676	33							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0540	ppbV		KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0746	ppbV	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.9164	ug/m3		KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1345	ug/m3	0.0418	KL	6/1/2022		

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) 248-7384

LABORATORY REPORT

				Date Collected:	5/1	17/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	7		
				Date Received:		26/2022		
Sample ID: AL00078						56 AM		
Facility Name: FULTON F2				Time Received:				
Site ID: F2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:		1/2022		
Location Descr:				Received Temperat	ure: 23.	.0 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RL /	ANALYS	T DATE	QC R	lange
ETO by EPA Method TO-15 QC Batch 196	763							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7321	ppbV		KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1134	ppbV	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.6138	ug/m3		KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2044	ug/m3	0.0418	KL	6/1/2022		

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) 248-7384

LABORATORY REPORT

				Date Collec	ted:	5/	/17/2022		
				Time Collect	cted:	0:	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	5/	26/2022		
Sample ID: AL00079				Time Recei	ved:	9:	56 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:		D,	ATA STUDY		
Location ID:				Reporting D	Date:	8/	4/2022		
Location Descr:				Received T		ure: 23	3.0 °C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 196	763								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2516	ppbV			KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0575	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.1768	ug/m3			KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1036	ug/m3	SQ	0.0418	KL	6/1/2022		

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) 248-7384

LABORATORY REPORT

				Date Collec	ted:	5/1	7/2022		
				Time Collec	cted:	0:0	00		
				Sample Co	llector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister N	umber:	11	0327		
4244 International Pkwy Ste 120				Canister Cl	eaned:	5/2	2/2022		
Atlanta, GA 30354				Received B		HZ			
				Date Recei	-	5/1	9/2022		
Sample ID: AL00081				Time Recei			:06 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		All	२		
Location ID: Location Descr:				Reporting I Received T			I/2022 6 °C		
PARAME ANALYTE COD		RESULT	UNI	QUALIFI			ANALYSIS	MCL QC R	
ETO by EPA Method TO-15 QC Batch 196	5763								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9710	ppbV			KL	6/1/2022	8 to	1
Ethylene Oxide	EPA TO-15	0.0680	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.3227	ug/m3			KL	6/1/2022	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.1226	ug/m3	SQ	0.0418	KL	6/1/2022		

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LABORATORY REPORT

	ER EPA			QUALIFIE	D		ANALYSIS	MCL	~ r
Facility Name: DOUGLAS - GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr: PARAMETER EPA				Project: Reporting Date: Received Temperature:		D/ 8/-	ATA STUDY 4/2022 8.5 °C		
Sample ID: AL00082				Date Receiv			25/2022 I:25 AM		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354				Sample Collector: Chlorination: Sample Type: Received By:		E.	. KNOX Z		
				Time Collec		-	00		

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

				Date Collec	ted:	5/2	29/2022			
				Time Collec		0:0				
				Sample Col			KNOX			
TO: Ga EPD Air Program				Chlorination		0.				
EPD Air Prot Ambient Monitorin 4244 International Pkwy Ste 12										
Atlanta, GA 30354	0			Sample Typ			_			
				Received B	y:	HZ	<u></u>			
				Date Receiv	ved:	6/3	3/2022			
Sample ID: AL00083 Facility Name: DOUGLAS - GENERAL C				Time Recei	ved:	2:0	2:09 PM			
Site ID: 013-069-0002	OFFEE			Project:		DA	ATA STUDY			
Location ID:				Reporting D	Date:	8/4	4/2022			
Location Descr:				Received T						
PARA	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or	
ANALYTE CO	DE NOTE METHOD	RESULT	UNI			ANALYS	ST DATE	QC R	ange	
ETO by EPA Method TO-15 QC Batch 19	96994									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2926	ppbV			KL	6/8/2022	8 to	12	
Ethylene Oxide	EPA TO-15	0.0669	ppbV	SQ	0.0232	KL	6/8/2022			
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.6231	ug/m3			KL	6/8/2022	57.22 to	85.84	
Ethylene Oxide	EPA TO-15	0.1206	ug/m3	SQ	0.0418	KL	6/8/2022			

ug/L: micrograms/liter <: less than mg/L: milligrams/liter MCL: Maximum Contaminant Level mg/kg: micrograms/kilogram RL: Reporting Limit ug/g: micrograms/gram LSPC: result less than lower specification ug/g: micrograms/gram USPC: result greater than upper specification ppm: parts per billion TIE: Tentatively Identified or Estimated org/L: organisms/liter VIOL: Violation (result exceeds MCL)	Laboratory Contacts:Lab Director:Mark Tolbert470-524-0Inorganics:Carmen Pyles470-524-0Metals:Shene Jones470-524-0Organics:Mary Bowman470-524-0GC Mass Spec:Ralph Schulz470-524-0Microbiology:Mary Bowman470-524-0	629 544 639 684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

			1						
				Date Collec	ted:	5/2	23/2022		
				Time Collec	cted:	0:0	00		
				Sample Collector: Canister Number:			STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	toring						114394		
4244 International Pkwy Ste				Canister Cl	eaned:	5/2	2/2022		
Atlanta, GA 30354				Received B	y:	HZ	<u></u>		
				Date Recei	ved:	5/2	26/2022		
Sample ID: AL00084				Time Recei	ved:	9:5	56 AM		
Facility Name: SOUTH DEKALB				Project:		All	3		
Site ID: 013-089-0002 Location ID:				Reporting E)ate:		1/2022		
Location Descr:				Received T					
PAI	RAMETER EPA			QUALIFIE	ER		ANALYSIS	MCL	. or
ANALYTE	CODE NOTE METHOD	RESULT	UNI			ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batc	:h 196763								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2491	ppbV			KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0569	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.3119	ug/m3			KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1026	ug/m3	SQ	0.0418	KL	6/1/2022		

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) 248-7384

LABORATORY REPORT

				Date Collected:	5/2	29/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J. I	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ing			Chlorination:				
4244 International Pkwy Ste 1				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	_		
				Date Received:	6/7	7/2022		
Sample ID: AL00085				Time Received:	11:	:26 AM		
Facility Name: COBB S2 Site ID: S2				Project:	DA	TA STUDY		
Location ID: QCCAN				Reporting Date:		1/2022		
Location Descr:				Received Temperati				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
	DDE NOTE METHOD	RESULT				T DATE	QC R	
ETO by EPA Method TO-15 QC Batch 2	197025							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9496	ppbV		KL	6/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0979	ppbV	0.0232	KL	6/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.1696	ug/m3		KL	6/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1765	ug/m3	0.0418	KL	6/14/2022		

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	ted:	5/	/25/2022		
				Time Colle	cted:	0:	:00		
				Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Mon	itorina			Chlorinatio	า:				
4244 International Pkwy St				Sample Typ	be:				
Atlanta, GA 30354				Received E		Н	Z		
				Date Recei	•	6/	7/2022		
Sample ID: AL00086				Time Recei			1:26 AM		
Facility Name: COBB S2 FB					veu.		ATA STUDY		
Site ID: S2				Project:					
Location ID:				Reporting [Date:	8/	/4/2022		
Location Descr:				Received T	emperat	ure: 20).5 °C		
PA	RAMETER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE METHO	DD RESULT	UNI			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Bate	ch 197025								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3414	ppbV			KL	6/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	6/14/2022		
ETO Results by EPA Method TO-15	i								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.9722	ug/m3			KL	6/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	6/14/2022		

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LABORATORY REPORT

			1					
				Date Collected:	5/2	29/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	<u> </u>		
				Date Received:	6/7	7/2022		
Sample ID: AL00087				Time Received:		:26 AM		
Facility Name: FULTON F2								
Site ID: F2				Project:		ATA STUDY		
Location ID:				Reporting Date:		4/2022		
Location Descr:				Received Temperatu	ure: 21	.6 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	_ or
ANALYTE CODI	E NOTE METHOD	RESULT	UNI	rs rla	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	025							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0367	ppbV		KL	6/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1846	ppbV	0.0232	KL	6/14/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.7926	ug/m3		KL	6/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3328	ug/m3	0.0418	KL	6/14/2022		

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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LABORATORY REPORT

				Date Collec	ted:	5/	25/2022		
				Time Collect	cted:	0:	00		
				Sample Co	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	ו:				
4244 International Pkwy Ste 120		Sample Type:		Т					
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	6/	7/2022		
Sample ID: AL00088				Time Recei	ved:	1	1:26 AM		
Facility Name: FULTON F2 FB Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D)ate:	8/	4/2022		
Location Descr:				Received T).9 °C		
PARAME	TER EPA			QUALIFI	R		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 197	025								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3110	ppbV			KL	6/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	6/14/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.7547	ug/m3			KL	6/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	6/14/2022		

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LABORATORY REPORT

				Date Collec	ted:	5,	/24/2022		
				Time Collect	ted:	0	:00		
				Sample Co	lector:	J.	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		н	Z		
				Date Recei	•	6	/7/2022		
Sample ID: AL00089				Time Recei			1:26 AM		
Facility Name: COVINGTON C2 FB				Project:	vou.		ATA STUDY		
Site ID: C2				•					
Location ID:				Reporting I			/4/2022		
Location Descr:				Received T	emperat	ure: 2	1.7 °C		
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	97025								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3880	ppbV			KL	6/14/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	6/14/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.3055	ug/m3			KL	6/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	6/14/2022		

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

LABORATORY REPORT

			Date Collected:	5/2	9/2022		
			Time Collected:	0:0	00		
			Sample Collector:	J. I	BRYANT		
			Chlorination:				
			Sample Type:				
				ΗZ			
			•	6/7	/2022		
					-		
			Project:				
			Reporting Date:	8/4	/2022		
			Received Temperatu	re: 22.	1 °C		
ETER EPA			QUALIFIER		ANALYSIS	MCL	or
E NOTE METHOD	RESULT	UNIT		NALYS	T DATE	QC R	ange
/025							
EPA TO-15	9.9614	ppbV		KL	6/14/2022	8 to	12
EPA TO-15	0.1999	ppbV	0.0232	KL	6/14/2022		
EPA TO-15	71.254	ug/m3		KL	6/14/2022	57.22 to	85.84
EPA TO-15	0.3603	ug/m3	0.0418	KL	6/14/2022		
	E NOTE METHOD 2025 EPA TO-15 EPA TO-15 EPA TO-15	E NOTE METHOD RESULT 2025 EPA TO-15 9.9614 EPA TO-15 0.1999 EPA TO-15 71.254	E NOTE METHOD RESULT UNIT 7025 EPA TO-15 9.9614 ppbV EPA TO-15 0.1999 ppbV EPA TO-15 71.254 ug/m3	Time Collected: Sample Collector: Chlorination: Sample Type: Received By: Date Received: Time Received: Time Received: Project: Reporting Date: Received Temperature TO25 EPA TO-15 9.9614 ppbV EPA TO-15 0.1999 ppbV 0.0232 EPA TO-15 71.254 ug/m3	Time Collected: 0.0 Sample Collector: J. I Chlorination: Sample Type: Received By: HZ Date Received: 6/7 Time Received: 111 Project: DA Reporting Date: 8/4 Received Temperature: 22. TO25 EPA TO-15 9.9614 ppbV KL EPA TO-15 0.1999 ppbV 0.0232 KL EPA TO-15 71.254 ug/m3 KL	Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 6/7/2022 Time Received: 11:26 AM Project: DATA STUDY Reporting Date: 8/4/2022 Received Temperature: 22.1 °C TO25 EPA TO-15 9.9614 ppbV 0.0232 KL 6/14/2022 EPA TO-15 71.254 ug/m3 KL 6/14/2022	Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 6/7/2022 Time Received: 6/7/2022 Time Received: 11:26 AM Project: DATA STUDY Reporting Date: 8/4/2022 Received Temperature: 22.1 °C ETER EPA ENOTE METHOD RESULT VINITS RL ANALYST DATE QC R V025 EPA T0-15 9.9614 ppbV KL 6/14/2022 8 to EPA T0-15 0.1999 ppbV 0.0232 KL 6/14/2022 8 to EPA T0-15 71.254 ug/m3 KL 6/14/2022 57.22 to

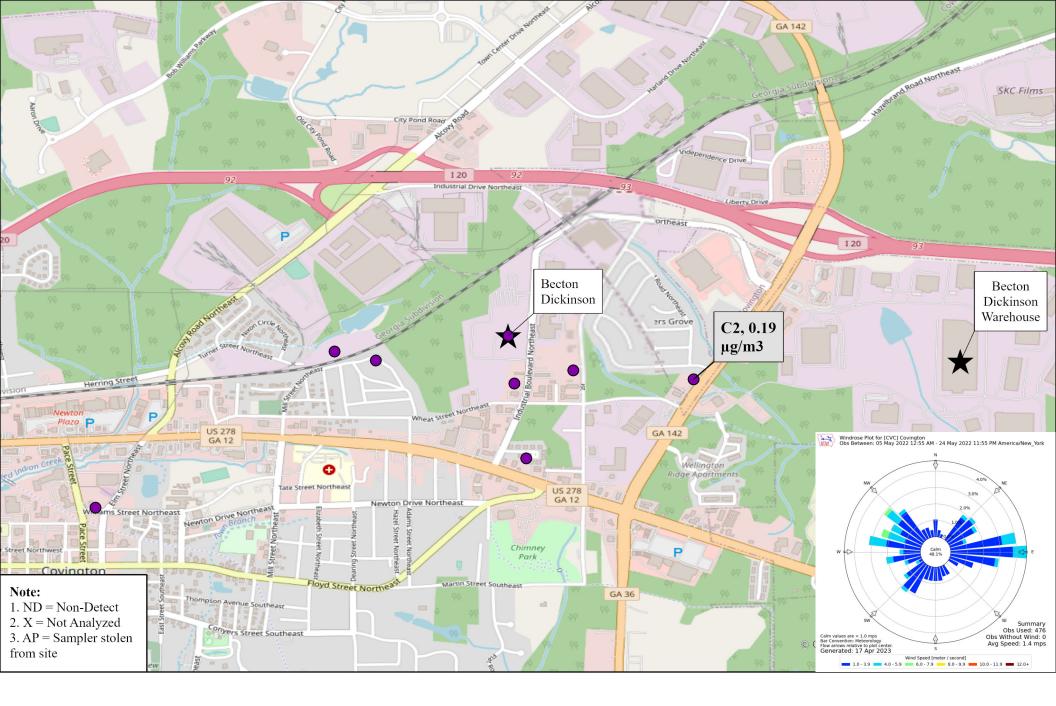
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	 <: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: 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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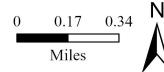
5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

				Date Collec	ted:	5/2	29/2022		
				Time Collec	cted:	0:0	00		
				Sample Col	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	4324		
4244 International Pkwy Ste 120			Canister Cleaned:		5/2	2/2022			
Atlanta, GA 30354				Received By:			2		
				Date Receiv	ved:	6/*	1/2022		
Sample ID: AL00091				Time Recei	ved:	11	:43 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	Date:	8/4	1/2022		
Location Descr:				Received T					
PARAMET ANALYTE CODE	TER EPA NOTE METHOD	RESULT	UNI	QUALIFIE			ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1967	/63								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0994	ppbV			KL	6/1/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0673	ppbV	SQ	0.0232	KL	6/1/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.2411	ug/m3			KL	6/1/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1213	ug/m3	SQ	0.0418	KL	6/1/2022		
COMMENTS: \$ETO received in the lab at 5.4 p	si.								

ug/L: micrograms/liter <: less than L: mg/L: milligrams/liter MCL: Maximum Contaminant Level MCL: Maximum Contaminant Level mg/kg: micrograms/kilogram RL: Reporting Limit LSPC: result less than lower specification ug/g: micrograms/kilogram USPC: result greater than upper specification USPC: result greater than upper specification ppb: parts per billion 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
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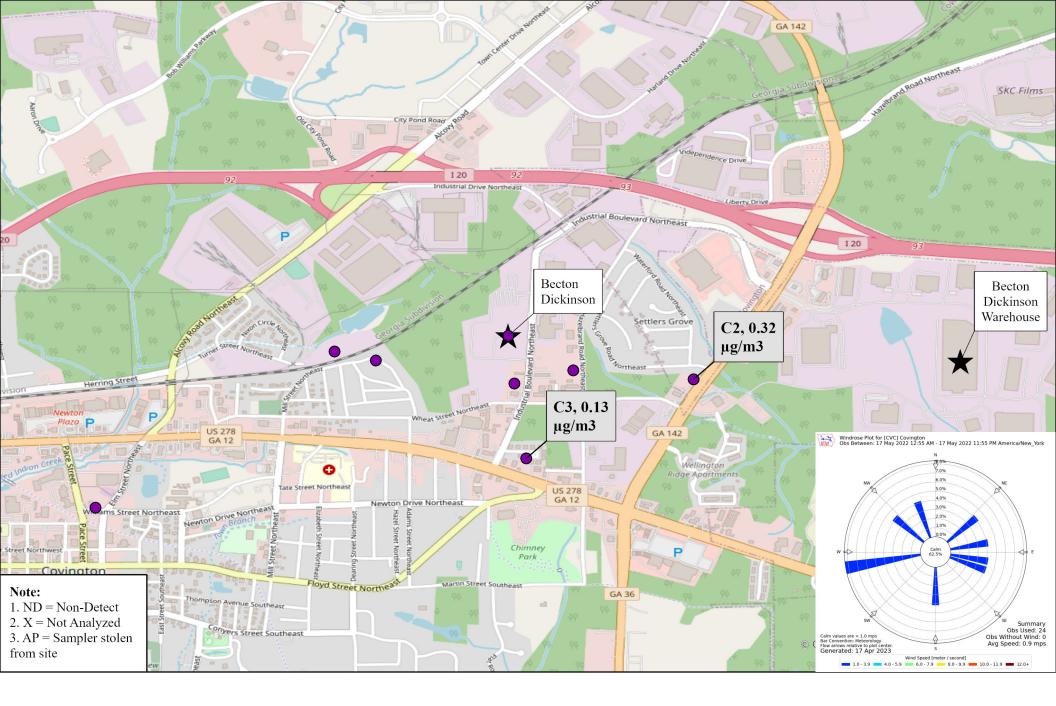
Site ID, Concentration (µg/m3)

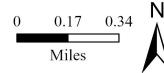
Ethylene Oxide Sampling Covington, GA

05/05/2022

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







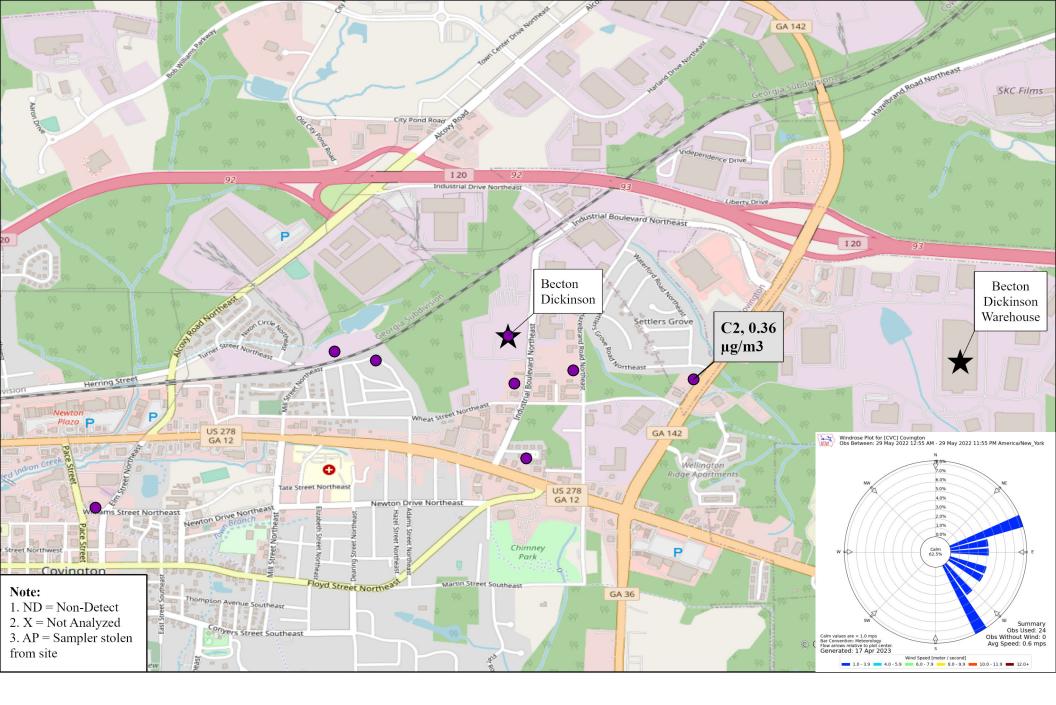
Site ID, Concentration (µg/m3)

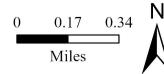
Ethylene Oxide Sampling Covington, GA

05/17/2022

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







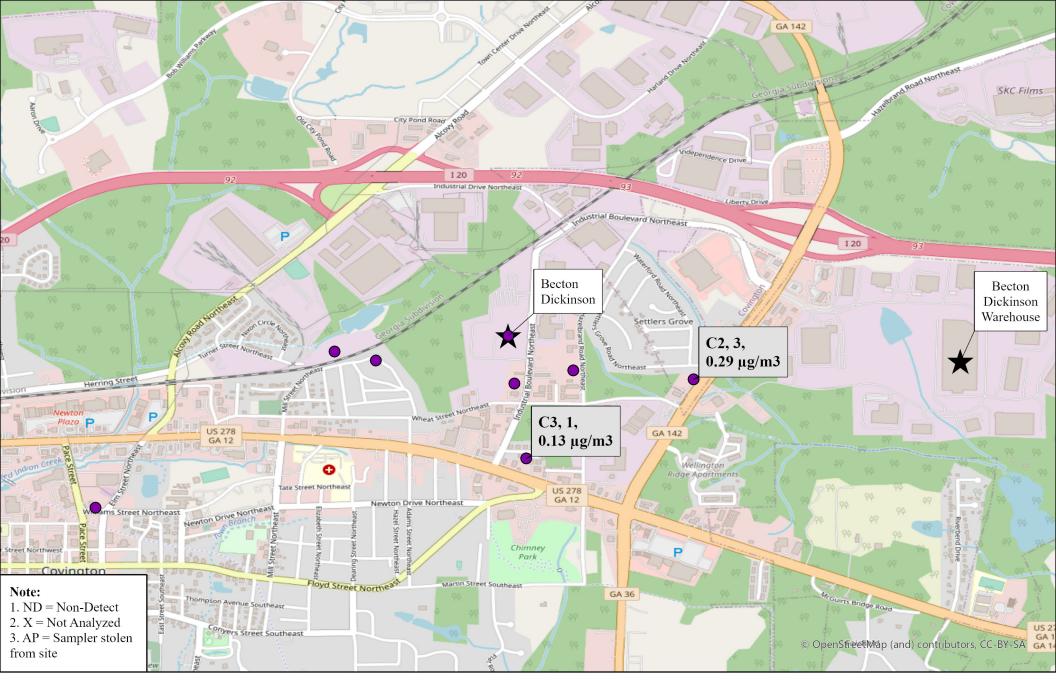
Site ID, Concentration (µg/m3)

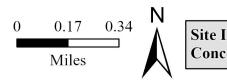
Ethylene Oxide Sampling Covington, GA

05/29/2022

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







Site ID, Number of Samples, Concentration (µg/m3) Ethylene Oxide Sampling Covington, GA

May 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

