

ENVIRONMENTAL PROTECTION DIVISION

April 3, 2023

MEMORANDUM

To:	Karen Hays, Air Branch Chief
Through:	James Boylan, Air Branch Chief
Through:	DeAnna Oser, Assistant Air Branch Chief
From:	Jaime Gore, Operations 1 Unit Manager
RE:	Covington – April 11 – April 23, 2022, Sampling Results for Ethylene Oxide
Samples of E	thylene Oxide (EtO) were collected during the period of April 11 – April 23, 202

Samples of Ethylene Oxide (EtO) were collected during the period of April 11 – April 23, 2022, by the Ambient Monitoring Program in the Covington area to characterize the EtO concentration. Each of the samples were sent to the Georgia Environmental Protection Division Laboratory (EPD) for analysis. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. Please note that the Ambient Monitoring Program lost access to site C7-SA in December 2021. Therefore, site C3 SA will be used for the spatial comparison going forward.

Location	Date	Qualifier	EtO Concentration $(\mu g/m^3)$
C2	04/11/2022	SQ	0.12
C2	04/23/2022		0.19
C2 QA	04/11/2022	SQ, 2	0.11
C3 SA	04/23/2022		0.17

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

TO: Ga EPD Air Program				Date Collec Time Collec Sample Co	cted:	0:0	5/2022 00 STREET		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120				Chlorination					
Atlanta, GA 30354				Sample Typ Received B		HZ	7		
				Date Recei	-		- 7/2022		
Sample ID: AK96416				Time Recei			:52 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:					
Location ID: Location Descr:				Reporting D Received T			27/2022 .9 °C		
PARAMI ANALYTE COD	ETER EPA E NOTE METHOD	RESULT	UNI	QUALIFIE		ANALYS	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 19	5785								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6363	ppbV			KL	4/8/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0645	ppbV	SQ	0.0232	KL	4/8/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.9286	ug/m3			KL	4/8/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1163	ug/m3	SQ	0.0418	KL	4/8/2022		

ug/L: micrograms/liter <: less than mg/L: milligrams/liter MCL: Maximum Contaminant Level mg/kg: micrograms/kilogram MCL: Maximum Contaminant Level ug/kg: micrograms/kilogram RL: Reporting Limit ug/g: micrograms/kilogram LSPC: result less than lower specification ug/g: parts per million USPC: result greater than upper specification ppb: parts per billion TIE: Tentatively Identified or Estimated org/L: organisms/liter VIOL: Violation (result exceeds MCL)	Inorganics: Carmen Pyles 4 Metals: Shene Jones 4 Organics: Mary Bowman 4 GC Mass Spec: Ralph Schulz 4	70-524-0577 70-524-0629 70-524-0544 70-524-0639 70-524-0684 70-524-0709
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LABORATORY REPORT

				Date Collected:	4/11/2022		
				Time Collected:	0:00		
				Sample Collector:	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	4/19/2022		
Sample ID: AK97554				Time Received:	12:16 PM		
Facility Name: COBB S2-QA Site ID: S2-QA				Project:	DATA STUD	Y	
Location ID: QCCAN				Reporting Date:	6/27/2022		
Location Descr:				Received Temperatur			
PARAME				QUALIFIER	ANALYSI	S MCI	L or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rlan	IALYST DATE	QC F	Range
ETO by EPA Method TO-15 QC Batch 195	979						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2836	ppbV		KL 4/21/2022	2 8 to	12
Ethylene Oxide	EPA TO-15	0.0985	ppbV	0.0232	KL 4/21/2022	2	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.4057	ug/m3		KL 4/21/2022	2 57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1776	ug/m3	0.0418	KL 4/21/2022	2	

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/g: micrograms/kilogram ug/g: micrograms/kilogram ug/g: micrograms/kilogram pp: 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 specific USPC: result greater than upper spec TIE: Tentatively Identified or Estimate VIOL: Violation (result exceeds MCL)	cation Organics: Mary Bowman 470-524-0639
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LABORATORY REPORT

				Date Collected:	4/1	1/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J. E	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	4/1	9/2022		
Sample ID: AK97555				Time Received:	12:	:16 PM		
Facility Name: COBB S2 Site ID: S2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:		7/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl a	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	979							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9451	ppbV		KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0862	ppbV	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.9844	ug/m3		KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1554	ug/m3	0.0418	KL	4/21/2022		

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolber Inorganics: Carmen Pyl Metals: Shene Jone Organics: Mary Bowm GC Mass Spec: Ralph Schu Microbiology: Mary Bowm	es 470-524-0629 s 470-524-0544 an 470-524-0639 z 470-524-0684
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LABORATORY REPORT

			1						
				Date Collec	ted:	4/	/11/2022		
				Time Collec	ted:	0:	:00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H.	Z		
				Date Receiv	ved:	4/	/19/2022		
Sample ID: AK97556				Time Recei	ved:	12	2:16 PM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:		D.	ATA STUDY		
Location ID:				, Reporting D)ate:		/27/2022		
Location Descr:				Received T			3.1 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1959	79								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4271	ppbV			KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0587	ppbV	SQ	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.4322	ug/m3			KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1058	ug/m3	SQ	0.0418	KL	4/21/2022		

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolb Inorganics: Carmen P Metals: Shene Jor Organics: Mary Bow GC Mass Spec: Ralph Sch Microbiology: Mary Bow	yles 470-524-0629 les 470-524-0544 man 470-524-0639 ulz 470-524-0684	
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LABORATORY REPORT

			Ī						
				Date Collec	ted:	4/	11/2022		
				Time Collec	cted:	0:	00		
				Sample Col	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	า:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H.	Z		
				Date Receiv	ved:	4/	19/2022		
Sample ID: AK97557				Time Recei	ved:	12	2:16 PM		
Facility Name: COVINGTON C2 Site ID: C2				Project:		D.	ATA STUDY		
Location ID:				, Reporting D	Date:	6/	27/2022		
Location Descr:				Received T					
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	ſS	RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	979								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3729	ppbV			KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0689	ppbV	SQ	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.0445	ug/m3			KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1242	ug/m3	SQ	0.0418	KL	4/21/2022		

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Inorganics: Carm Metals: Shene Organics: Mary GC Mass Spec: Ralph	Tolbert 470-524-0577 ten Pyles 470-524-0629 e Jones 470-524-0544 Bowman 470-524-0639 n Schulz 470-524-0684 Bowman 470-524-0679	
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LABORATORY REPORT

				Date Collec	ted:	4/	11/2022		
				Time Collec	cted:	0:	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	4/	19/2022		
Sample ID: AK97558				Time Recei	ved:	12	2:16 PM		
Facility Name: FULTON F2 Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	6/	27/2022		
Location Descr:				Received T		ure: 22	2.1 °C		
PARAME	FER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1959	979								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.8804	ppbV			KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0557	ppbV	SQ	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.5216	ug/m3			KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1004	ug/m3	SQ	0.0418	KL	4/21/2022		

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

				Date Collec			/11/2022		
				Time Collec		-	:00		
TO: Ga EPD Air Program				Sample Col	lector:	J	. BRYANT		
EPD Air Prot Ambient Monitoring	1			Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	Н	Z		
				Date Receiv	/ed:	4	/19/2022		
Sample ID: AK97559				Time Recei	ved:	1	2:16 PM		
Facility Name: FULTON F2-QA Site ID: F2-QA				Project:		D	ATA STUDY		
Location ID:				Reporting D)ate:	6	/27/2022		
Location Descr:				Received T			9.8 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5979								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4089	ppbV			KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0659	ppbV	SQ	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.302	ug/m3			KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1188	ug/m3	SQ	0.0418	KL	4/21/2022		

ug/L: micrograms/liter<: less than	Laboratory Contacts: Lab Director: Mark Tolber Inorganics: Carmen Pyl Metals: Shene Jone Organics: Mary Bowm GC Mass Spec: Ralph Schu Microbiology: Mary Bowm	es 470-524-0629 s 470-524-0544 an 470-524-0639 z 470-524-0684	
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LABORATORY REPORT

				Date Collec	ted:	4/*	11/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Canister Nu	umber:	11	4377		
4244 International Pkwy Ste 120				Canister Cl	eaned:	3/2	21/2022		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Receiv	ved:	4/*	14/2022		
Sample ID: AK97560				Time Recei	ved:	11	:51 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D)ate:	6/2	27/2022		
Location Descr:				Received T		ure: 19	.1 °C		
PARAN	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNIT	S	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	95920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5616	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0471	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.3942	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0849	ug/m3	SQ	0.0418	KL	4/19/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbe Inorganics: Carmen Py Metals: Shene Jon Organics: Mary Bowr GC Mass Spec: Ralph Schu Microbiology: Mary Bowr	les 470-524-0629 es 470-524-0544 nan 470-524-0639 Jlz 470-524-0684	
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LABORATORY REPORT

				Date Collec	ted:	4/	11/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	н	. STREET		
TO: Ga EPD Air Program				Canister Nu		1.	14382		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120									
Atlanta, GA 30354				Canister Cl			/21/2022		
,				Received B	y:	H	Ζ		
				Date Receiv	/ed:	4/	14/2022		
Sample ID: AK97561 Facility Name: SOUTH DEKALB QA				Time Recei	ved:	11	1:51 AM		
Site ID: 013-089-0002				Project:		A	IR		
Location ID:				Reporting D	lato:		27/2022		
Location Descr:				Received T					
Edulion Desci.				IVECEIVED I	emperat	ule. 21			
PARAME				QUALIFIE			ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1959	920								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.9646	ppbV			KL	4/19/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0721	ppbV	SQ	0.0232	KL	4/19/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.1239	ug/m3			KL	4/19/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.13	ug/m3	SQ	0.0418	KL	4/19/2022		
ETO NATTS QA Replicate Precision									
Ethylene Oxide	EPA TO-15	10.3	%RPD			KL	4/20/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0103	ppbV			KL	4/19/2022	8 to	12

ug/L: micrograms/liter<: less than	Inorganics: Metals: Organics: GC Mass Spec:	Mark Tolbert Carmen Pyles Shene Jones Mary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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LABORATORY REPORT

				Date Collec	ted:	4/	11/2022		
				Time Collec	ted:	0:	00		
				Sample Col	llector:	C	ARYN KNOX	(
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	า:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	4/	22/2022		
Sample ID: AK97562				Time Recei	ved:	9:	58 AM		
Facility Name: GENERAL COFFEE Site ID: 013-069-0002				Project:		D	ATA STUDY		
Location ID: QCCAN				Reporting D	Date:	6/	27/2022		
Location Descr:				Received T		ure: 20).1 °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	042								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0019	ppbV			KL	4/26/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0437	ppbV	SQ	0.0232	KL	4/26/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.3907	ug/m3			KL	4/26/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0788	ug/m3	SQ	0.0418	KL	4/26/2022		

COMMENTS: \$ETO received in the lab at 22.2 psi.

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

			1						
				Date Collec	ted:	4/	17/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Canister Nu	umber:	11	4381		
4244 International Pkwy Ste 12				Canister Cle	eaned:	3/	21/2022		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Receiv	ved:	4/	19/2022		
Sample ID: AK97564				Time Recei	ved:	12	2:16 PM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D)ate:		27/2022		
Location Descr:				Received T					
PARA	METER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNIT			ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	95979								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2185	ppbV			KL	4/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0700	ppbV	SQ	0.0232	KL	4/21/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.94	ug/m3			KL	4/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1262	ug/m3	SQ	0.0418	KL	4/21/2022		

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

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

LABORATORY REPORT

				Date Collec	ted:	4/	23/2022		
				Time Collec	ted:	0:	00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H.	Z		
				Date Receiv	ved:	5/	4/2022		
Sample ID: AK98165				Time Recei	ved:	1(D:52 AM		
Facility Name: COBB S2 Site ID: S2				Project:		D	ATA STUDY		
Location ID: QCCAN				Reporting D)ate:	6/	27/2022		
Location Descr:				Received T					
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL A	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1963	380								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7789	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0660	ppbV	SQ	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.9486	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.119	ug/m3	SQ	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

				Date Collected:	4/2	23/2022		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	<u>Z</u>		
				Date Received:	5/4	4/2022		
Sample ID: AK98166				Time Received:	10):52 AM		
Facility Name: COBB S7-SA Site ID: S7-SA				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	6/2	27/2022		
Location Descr:				Received Temperate				
PARAM	IETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs RLA	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	6380							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6797	ppbV		KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1075	ppbV	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.239	ug/m3		KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1938	ug/m3	0.0418	KL	5/10/2022		

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Inorganics: Ca Metals: SI Organics: M GC Mass Spec: Ra	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

			ſ				104 10000		
				Date Collec			/21/2022		
				Time Collec	cted:	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:	н	Z		
				Date Recei	ved:	5/	/4/2022		
Sample ID: AK98167				Time Recei	ved:	1(0:52 AM		
Facility Name: COBB S2, S6-SA, S7-SA FB Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	6/	/27/2022		
Location Descr:				Received T		ture: 2'	1.4 °C		
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1963	80								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0278	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.729	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

				Date Collec	ted:	4/	/23/2022		
				Time Collec	ted:	0:	:00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	5/	4/2022		
Sample ID: AK98168				Time Recei	ved:	1(0:52 AM		
Facility Name: COBB S6-SA Site ID: S6-SA				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	6/	/27/2022		
Location Descr:				Received T	emperat	ure: 21	I.4 ⁰C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1963	380								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5419	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0592	ppbV	SQ	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.2533	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1067	ug/m3	SQ	0.0418	KL	5/10/2022		

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

			1					
				Date Collected:	4/2	23/2022		
				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>Z</u>		
				Date Received:	5/4	4/2022		
Sample ID: AK98169				Time Received:	10):52 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	6/2	27/2022		
Location Descr:				Received Temperatu	re: 21	.7 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	E NOTE METHOD	RESULT	UNI	rs rl ai	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 196	380							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4731	ppbV		KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1081	ppbV	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.7612	ug/m3		KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1949	ug/m3	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

				Date Collected:	4/2	23/2022		
				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	Z		
				Date Received:	5/-	4/2022		
Sample ID: AK98170				Time Received:	10):52 AM		
Facility Name: COVINGTON C3-SA Site ID: C3-SA				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	6/2	27/2022		
Location Descr:				Received Temperatu	ure: 21	.5 °C		
PARAMET	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl a	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1963	80							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4576	ppbV		KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0965	ppbV	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.6503	ug/m3		KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1739	ug/m3	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

				Date Collec			/20/2022		
				Time Collec		-	:00		
TO: Ga EPD Air Program				Sample Col	lector:	J.	BRYANT		
EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	/ed:	5/	4/2022		
Sample ID: AK98171 Facility Name: COVINGTON C2, C3-SA FB				Time Recei	ved:	1(0:52 AM		
Site ID: C2				Project:		D.	ATA STUDY		
Location ID:				Reporting D	ate:	6/	/27/2022		
Location Descr:				Received T		ure: 21	I.5 ⁰C		
PARAMET	ER 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 1963	80								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9141	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.9157	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

			1						
				Date Collec	ted:	4/	23/2022		
				Time Collec	cted:	0:	00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Chlorination	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	5/	4/2022		
Sample ID: AK98172				Time Recei	ved:	1(D:52 AM		
Facility Name: FULTON F2 Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D)ate:		27/2022		
Location Descr:				Received T			.7 °C		
PARAMI	ETER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	6380								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7625	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0524	ppbV	SQ	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8313	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0945	ug/m3	SQ	0.0418	KL	5/10/2022		

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Inorganics: Carm Metals: Shene Organics: Mary GC Mass Spec: Ralph	Tolbert 470-524-0577 ten Pyles 470-524-0629 e Jones 470-524-0544 Bowman 470-524-0639 n Schulz 470-524-0684 Bowman 470-524-0679	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

			r						
				Date Collec	ted:	4/	/21/2022		
				Time Collec	cted:	0:	:00		
				Sample Co	llector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	ו:				
4244 International Pkwy Ste 120				Sample Typ	be:	Т			
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Recei	ved:	5/	4/2022		
Sample ID: AK98173				Time Recei	ved:	1(0:52 AM		
Facility Name: FULTON F2, F1-SA FB Site ID: F2				Project:		D,	ATA STUDY		
Location ID: QCCAN				Reporting D	Date:	6/	/27/2022		
Location Descr:				Received T		ure: 21	I.4 ⁰C		
PARAMET	ER EPA			QUALIFIE	R		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 1963	80								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9881	ppbV			KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.445	ug/m3			KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	5/10/2022		

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

			1					1
				Date Collected:	4/2	3/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	5/4	/2022		
Sample ID: AK98174				Time Received:	10:	:52 AM		
Facility Name: FULTON F1-SA Site ID: F1-SA				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	6/2	7/2022		
Location Descr:				Received Temperatu	re: 21.	1 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl a	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5380							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6869	ppbV		KL	5/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0789	ppbV	0.0232	KL	5/10/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2905	ug/m3		KL	5/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1422	ug/m3	0.0418	KL	5/10/2022		

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

LABORATORY REPORT

				Date Colleg	cted:	4	/23/2022		
				Time Colle			:00		
				Sample Co		-	. KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorinatio		-			
4244 International Pkwy Ste 12				Sample Ty	be:				
Atlanta, GA 30354				Received E		Н	Z		
				Date Recei		5	/13/2022		
Sample ID: AK98175				Time Rece			:27 PM		
Facility Name: GENERAL COFFEE				Project:	vou.		ATA STUDY		
Site ID: 013-069-0002				•) oto :				
Location ID: Location Descr:				Reporting I Received T			/27/2022 3.5		
PARA	METER EPA		I	QUALIFI	=R		ANALYSIS	MCL	or
ANALYTE CC	DDE NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	
ETO by EPA Method TO-15 QC Batch 1	196636								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4445	ppbV			HZ	5/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0793	ppbV	2	0.0232	HZ	5/17/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.5566	ug/m3			HZ	5/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1429	ug/m3	2	0.0418	HZ	5/17/2022		

COMMENTS: \$ETO received in the lab at 22 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter<: less than	Inorganics: 0 Metals: 5 Organics: 1 GC Mass Spec: 1	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:	4/2	23/2022		
				Time Collec	cted:	0:0	00		
				Sample Col	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Canister Nu	umber:	11	0343		
4244 International Pkwy Ste 12				Canister Cl	eaned:	4/-	4/2022		
Atlanta, GA 30354				Received B	y:	HZ	Z		
				Date Receiv	ved:	4/2	26/2022		
Sample ID: AK98176				Time Recei	ved:	11	:42 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	Date:		27/2022		
Location Descr:				Received T					
PARAI	METER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT			ANALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1	96107								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4427	ppbV			KL	4/28/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0647	ppbV	SQ	0.0232	KL	4/28/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.5437	ug/m3			KL	4/28/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1166	ug/m3	SQ	0.0418	KL	4/28/2022		

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

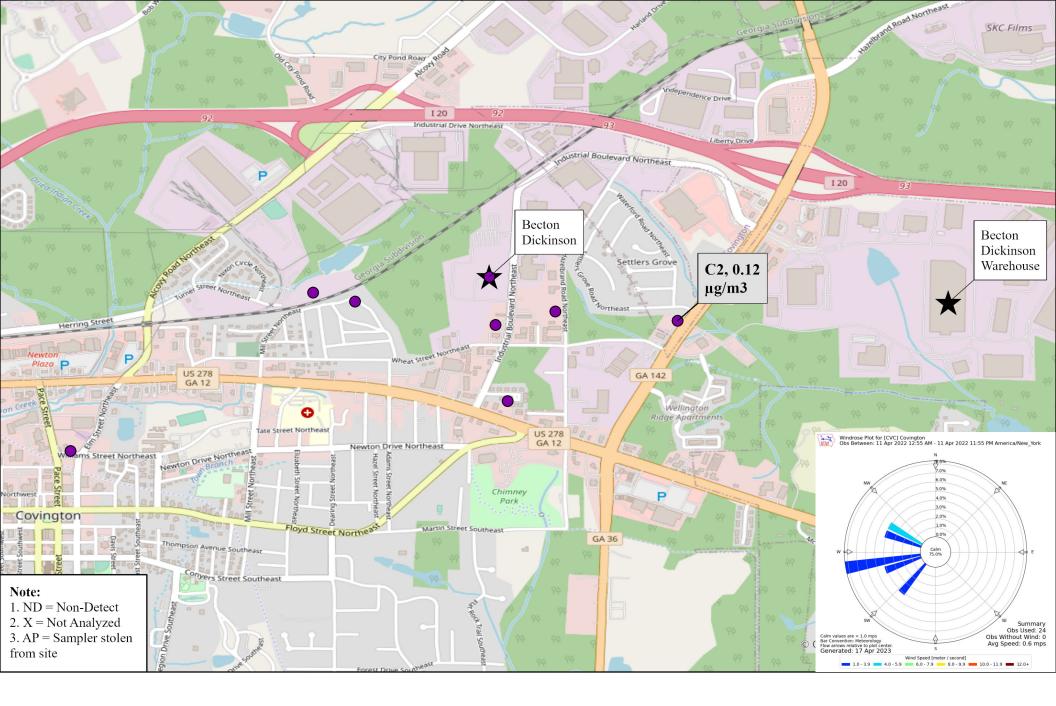
ug/L: micrograms/liter<: less than	Inorganics: Ca Metals: Sh Organics: Ma GC Mass Spec: Ra	ark Tolbert armen Pyles hene Jones ary Bowman	470-524-0577 470-524-0629 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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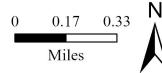
5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

				Time Collected:	(0:00		
TO: Ga EPD Air Program				Sample Collector:	I	H. STREET		
EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number: Canister Cleaned:		114391		
4244 International Pkwy Ste 120			4/4/2022					
Atlanta, GA 30354				Received By:		HZ		
				Date Received:	į	5/4/2022		
Sample ID: AK98177				Time Received:		10:52 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AIR		
Location ID:				Reporting Date:	(6/27/2022		
Location Descr:				Received Temperatu	ure: 2	21.4 °C		
PARAMI ANALYTE COD		RESULT	UNI	QUALIFIER FS RL A	NAL	ANALYSIS YST DATE	MCL QC R	· • ·
ETO by EPA Method TO-15 QC Batch 19	5380							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8079	ppbV		KL	5/11/2022	8 to	12
	EPA TO-15	0.0754	ppbV	0.0232	KL	5/11/2022		
Ethylene Oxide								
Ethylene Oxide ETO Results by EPA Method TO-15								
	EPA TO-15	70.156	ug/m3		KL	5/11/2022	57.22 to	85.84

ug/L: micrograms/liter <: less than La mg/L: milligrams/liter MCL: Maximum Contaminant Level mg/kg: milligrams/kilogram RL: Reporting Limit ug/kg: micrograms/kilogram LSPC: result less than lower specification ug/sp: parts per billion USPC: result greater than upper specification org/L: organisms/liter VIOL: Violation (result exceeds MCL)	Inorganics: Carmen Pyles 470 Metals: Shene Jones 470 Organics: Mary Bowman 470 GC Mass Spec: Ralph Schulz 470	-524-0577 -524-0629 -524-0544 -524-0639 -524-0684 -524-0709
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Site ID, Concentration (µg/m3)

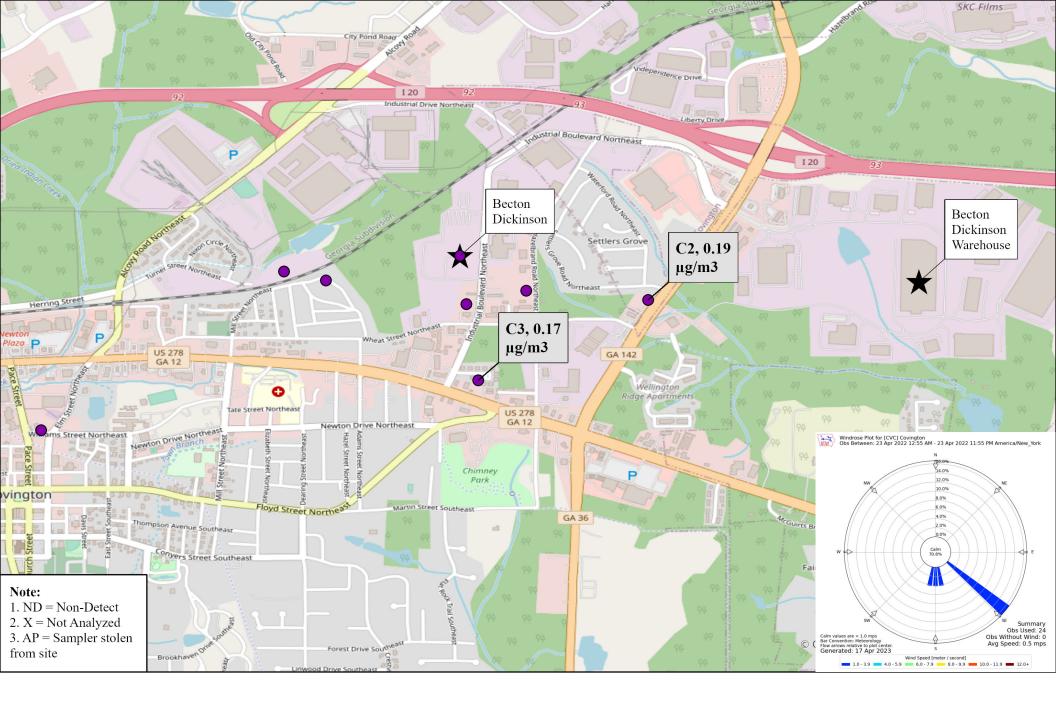
Ethylene Oxide Sampling Covington, GA

04/11/2022

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



ENVIRONMENTAL PROTECTION DIVISION





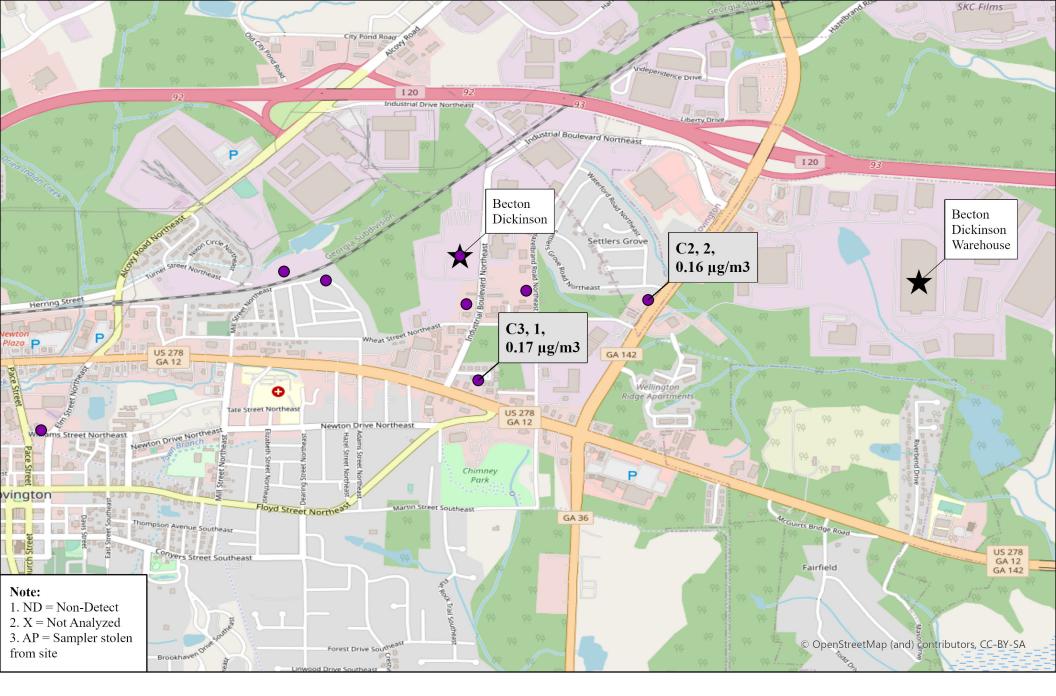
Ethylene Oxide Sampling Covington, GA

04/23/2022

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



ENVIRONMENTAL PROTECTION DIVISION



0 0.17 0.33 N Miles

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

April 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



ENVIRONMENTAL PROTECTION DIVISION