

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

MEMORANDUM

To:

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: Cobb – February 10 – February 22, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of February 10 – February 22, 2022, by the Ambient Monitoring Program in the Cobb 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 "3" was given to samples to indicate that integrity of the field data may have been compromised.

February 16, 2023

Location	Date	Qualifier	EtO Concentration (µg/m ³)
S2	02/10/2022	3	0.14
S2	02/22/2022	SQ, 3	0.11
S2 QA	02/10/2022	3	0.17
S6 SA	02/22/2022		0.16
S7 SA	02/22/2022	SQ	0.11

If you have any questions, please let me know.

JCG

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

LABORATORY REPORT

			1						
				Date Collec	ted:	2/	4/2022		
				Time Collec	cted:	0:	00		
				Sample Col	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Canister Nu	umber:	11	14384		
4244 International Pkwy Ste 12				Canister Cl	eaned:	1/	10/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	2/	8/2022		
Sample ID: AK93263				Time Recei	ved:	11	I:18 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Location ID: QCCAN				Reporting D	Date:	4/	19/2022		
Location Descr:				Received T		ure: 21	.6 °C		
PARAM	IETER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	ſS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	94894								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5710	ppbV			KL	2/10/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0463	ppbV	SQ	0.0232	KL	2/10/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.4615	ug/m3			KL	2/10/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0835	ug/m3	SQ	0.0418	KL	2/10/2022		

COMMENTS: \$ETO received in the lab at 5 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 Tolbert Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0544 470-524-0639 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

			1					
				Date Collected:	2/10	0/2022		
				Time Collected:	0:00	C		
				Sample Collector:	J. B	RYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	ΗZ			
				Date Received:	2/24	4/2022		
Sample ID: AK94055				Time Received:	9:57	7 AM		
Facility Name: COBB S2-QA Site ID: S2-QA				Project:	DA	TA STUDY		
Location ID: QCCAN				Reporting Date:	4/19	9/2022		
Location Descr:				Received Temperatur	re: 23.2	2 °C		
PARAME	TER EPA			QUALIFIER	A	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RL AI	VALYST	r date	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	107							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3032	ppbV		KL	2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0949	ppbV	0.0232	KL	2/25/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.5459	ug/m3		KL	2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1711	ug/m3	0.0418	KL	2/25/2022		

COMMENTS: \$ETO received in the lab at 3.5 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)	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:	2/	/22/2022		
				Time Collec	ted:	0:	:00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	r			Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B		H	Z		
				Date Receiv	/ed:	3/	9/2022		
Sample ID: AK94056				Time Recei	ved:	1	1:19 AM		
Facility Name: COBB S7 Site ID: S7				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	4/	/19/2022		
Location Descr:				Received T	emperat	ure: 20).1 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COL	DE NOTE METHOD	RESULT	UNI	rs	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5358								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2374	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0593	ppbV	SQ	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.0752	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1069	ug/m3	SQ	0.0418	KL	3/11/2022		

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

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

				Date Collected:	2/2	22/2022		
				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	2		
				Date Received:	3/9	9/2022		
Sample ID: AK94057				Time Received:	11	:19 AM		
Facility Name: COVINGTON C3 Site ID: C3				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	4/*	19/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA		•	QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	S RL A	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	358							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6118	ppbV		KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0774	ppbV	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.7533	ug/m3		KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1395	ug/m3	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 6 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)	Laboratory Contacts: Lab Director: Mark Tol Inorganics: Carmen Metals: Shene Jo Organics: Mary Bov GC Mass Spec: Ralph Sc Microbiology: Mary Bov	Pyles 470-524-0629 mes 470-524-0544 vman 470-524-0639 hulz 470-524-0684	
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LABORATORY REPORT

				Date Collec	ted:	2/	16/2022		
				Time Collec	cted:	0:	00		
				Sample Co	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Canister Nu	umber:	11	0322		
4244 International Pkwy Ste 120				Canister Cl	eaned:	1/	25/2022		
Atlanta, GA 30354				Received B	y:	Hž	Z		
				Date Recei	ved:	2/	21/2022		
Sample ID: AK94059				Time Recei	ved:	11	:13 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AI	R		
Site ID: 013-089-0002 Location ID:				Reporting E)ate:		19/2022		
Location Descr:				Received T					
PARAM	IETER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	ſS	RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	95060								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.0602	ppbV		0.0001	KL	2/23/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0672	ppbV	SQ	0.0232	KL	2/23/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	64.8077	ug/m3			KL	2/23/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1211	ug/m3	SQ	0.0418	KL	2/23/2022		

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 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 Collected:	2/2	2/2022		
				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:	3/9	/2022		
Sample ID: AK94060				Time Received:	11:	19 AM		
Facility Name: COBB S6 Site ID: S6				Project:	DA	TA STUDY		
Location ID:				Reporting Date:		9/2022		
Location Descr:				Received Temperatu				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rla	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	358							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2754	ppbV		KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0873	ppbV	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.347	ug/m3		KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1574	ug/m3	0.0418	KL	3/11/2022		

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 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:	2/	21/2022		
				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	e:	Т			
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	/ed:	3/	9/2022		
Sample ID: AK94061	Sample ID: AK94061 Facility Name: COBB S2 S6 S7 FB			Time Received:			1:19 AM		
Site ID: S2				Project: DATA ST			ATA STUDY		
Location ID:				Reporting D	ate:	4/	19/2022		
Location Descr:				Received T		ure: 20).2 °C		
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 1953	58								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6905	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.3163	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	3/11/2022		

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)	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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LABORATORY REPORT

				Date Collec	ted:	2	/22/2022		
				Time Collec	ted:	0	:00		
TO 0 775 11 5				Sample Col	lector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	a			Chlorinatior	n:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B		Н	Z		
				Date Receiv	/ed:	3,	/9/2022		
Sample ID: AK94062				Time Recei	ved:	1	1:19 AM		
Facility Name: COBB S2 Site ID: S2				Project:			ATA STUDY		
Location ID:				Reporting D	ate:	4	/19/2022		
Location Descr:				Received T		ture: 20	0.0 °C		
PARAM	ETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	5358								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1582	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0601	ppbV	SQ	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.5087	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1083	ug/m3	SQ	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 4 in Hg.

ug/L: micrograms/liter<: less than	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Carmen Pyles 470-524-0629 Metals: Shene Jones 470-524-0544 Organics: Mary Bowman 470-524-0639 GC Mass Spec: Ralph Schulz 470-524-0684 Microbiology: Mary Bowman 470-524-0709
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7384

LABORATORY REPORT

					0/10/2			
				Date Collected:	2/10/2	022		
				Time Collected:	0:00			
				Sample Collector:	J. BRY	ΆΝΤ		
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:	2/24/2	022		
Sample ID: AK94063 Facility Name: COBB S2				Time Received:	9:57 A	М		
Site ID: S2				Project:	DATA	STUDY		
Location ID: QCCAN				Reporting Date:	4/19/2	022		
Location Descr:				Received Temperatur	e: 23.4	٥C		
PARAME	TER EPA			QUALIFIER	AN	ALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		rs rl an	NALYST D	ATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	107							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6078	ppbV		KL 2/	25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0770	ppbV	0.0232	KL 2/	25/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.7247	ug/m3		KL 2/	25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1388	ug/m3	0.0418	KL 2/	25/2022		

COMMENTS: \$ETO received in the lab at 3 in Hg.

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

						-	40/0000		
				Date Collect			/10/2022		
				Time Collec	ted:	0	:00		
				Sample Coll	ector:	С	. KNOX		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ng			Chlorination	:				
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	Н	Z		
				Date Receiv	ed:	2/	/17/2022		
Sample ID: AK94064				Time Receiv	/ed:	7	:59 AM		
Facility Name: DOUGLAS GENERAL COFFEE Site ID: 013-069-0002				Project:			DATA STUDY		
Location ID:				Reporting D	ate:	4,	/19/2022		
Location Descr:				Received Te		ture: 2	3.5 °C		
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	94988								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7272	ppbV			KL	2/17/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0330	ppbV	SQ 2	0.0232	KL	2/17/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.5788	ug/m3			KL	2/17/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0595	ug/m3	SQ 2	0.0418	KL	2/17/2022		

COMMENTS: \$ETO received in the lab at 24 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter<: less than	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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LABORATORY REPORT

			1				
				Date Collected:	2/10/2022		
				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:	2/24/2022		
Sample ID: AK94065				Time Received:	9:57 AM		
Facility Name: COVINGTON C2-QA Site ID: C2-QA				Project:	DATA STUDY		
Location ID:				Reporting Date:	4/19/2022		
Location Descr:				Received Temperatur	e: 23.1 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLAN	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195 [.]	107						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6220	ppbV		KL 2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1061	ppbV	0.0232	KL 2/25/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.8263	ug/m3		KL 2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1913	ug/m3	0.0418	KL 2/25/2022		

COMMENTS: \$ETO received in the lab at 8 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)	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:	2/10)/2022		
				Time Collected:	0:00)		
				Sample Collector:	J. B	RYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ			
				Date Received:	2/24	1/2022		
Sample ID: AK94066				Time Received:	9:57	7 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DAT	FA STUDY		
Location ID:				Reporting Date:	4/19	9/2022		
Location Descr:				Received Temperatur				
PARAME	TER EPA			QUALIFIER	A	NALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	rs rlan	NALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	107							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5899	ppbV		KL	2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1017	ppbV	0.0232	KL	2/25/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.5967	ug/m3		KL	2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1833	ug/m3	0.0418	KL	2/25/2022		

COMMENTS: \$ETO received in the lab at 4 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: 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

			1						
				Date Collec	ted:	2/	10/2022		
				Time Collec	cted:	0:	00		
				Sample Col	llector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	11	4320		
4244 International Pkwy Ste 120				Canister Cl	eaned:	1/	25/2022		
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	2/	14/2022		
Sample ID: AK94067				Time Recei	ved:	11	I:07 AM		
Facility Name: south dekalb Site ID: 013-089-0002				Project:		AI	R		
Location ID:				Reporting D	Date:	4/	19/2022		
Location Descr:				Received T		ure: 19	0.9 °C		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODI	E NOTE METHOD	RESULT	UNIT	ſS	RL /	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	988								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5962	ppbV			KL	2/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0546	ppbV	SQ	0.0232	KL	2/16/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.6417	ug/m3			KL	2/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0984	ug/m3	SQ	0.0418	KL	2/16/2022		

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

LABORATORY REPORT

				Date Collected:	2/10/2022		
					0:00		
				Time Collected:			
TO: Ga EPD Air Program				Sample Collector:	J. BRYANT		
EPD Air Prot Ambient Monitoring				Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	2/24/2022		
Sample ID: AK94068				Time Received:	9:57 AM		
Facility Name: FULTON F2-QA							
Site ID: F2-QA				Project:	DATA STUDY		
Location ID:				Reporting Date:	4/19/2022		
Location Descr:				Received Temperatur	e: 23.1 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rl an	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1951	07						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6920	ppbV		KL 2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0880	ppbV	0.0232	KL 2/25/2022		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.327	ug/m3		KL 2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1586	ug/m3	0.0418	KL 2/25/2022		

COMMENTS: \$ETO received in the lab at 8 in Hg.

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

LABORATORY REPORT

				Date Collected:	2/	10/2022		
				Time Collected:	0:	00		
				Sample Collector:	Н	. STREET		
TO: Ga EPD Air Program				Canister Number:	1.	14310		
EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120								
Atlanta, GA 30354				Canister Cleaned:		/25/2022		
				Received By:	H	Ζ		
				Date Received:	2/	14/2022		
Sample ID: AK94069 Facility Name: SOUTH DEKALB QA				Time Received:	11	1:07 AM		
Site ID: 013-089-0002				Project:	A	IR		
Location ID:				Reporting Date:	1/	19/2022		
Location Descr:				Received Temperati				
Location Desci.				Received remperation		0		
PARAMET				QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs RLA	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1949	88							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9450	ppbV		KL	2/16/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1029	ppbV	0.0232	KL	2/16/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.1367	ug/m3		KL	2/16/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1855	ug/m3	0.0418	KL	2/16/2022		
ETO NATTS QA Replicate Precision								
Ethylene Oxide	EPA TO-15	13.2	%RPD		KL	2/17/2022		25
ETO QA Replicate Result								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7777	ppbV		KL	2/16/2022	8 to	12

COMMENTS: \$ETO received in the lab at 5 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	
org/L: organisms/liter	VIOL: VIOlation (result exceeds MCL)	Microbiology:	Mary Bowman	470-524-0709	

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

LABORATORY REPORT

			1					
				Date Collected:	2/10/	/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:	2/24/	/2022		
Sample ID: AK94070				Time Received:	9:57	AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DAT	A STUDY		
Location ID:				Reporting Date:	4/19/	/2022		
Location Descr:				Received Temperatur	e: 23.2	°C		
PARAME	TER EPA			QUALIFIER	A	NALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl an	NALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	107							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5048	ppbV		KL	2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.1192	ppbV	0.0232	KL	2/25/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.9879	ug/m3		KL	2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2149	ug/m3	0.0418	KL	2/25/2022		

COMMENTS: \$ETO received in the lab at 5.5 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)	Laboratory Contacts: Lab Director: Mark Tolbert Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0544 470-524-0639 470-524-0684
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LABORATORY REPORT

				Date Collec	ted:	2/	21/2022		
				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:	Т			
Atlanta, GA 30354				Received B	y:	H	Z		
				Date Receiv	ved:	3/	9/2022		
Sample ID: AK94709				Time Recei	ved:	11	1:19 AM		
Facility Name: COVINGTON C2 C3 FB Site ID: C2				Project:		D	ATA STUDY		
Location ID: QCCAN				Reporting D	Date:	4/	19/2022		
Location Descr:				Received T		ure: 20).1 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	S	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1953	58								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7233	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.5509	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	uq/m3	ND	0.0418	KL	3/11/2022		

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

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

				Date Collec	ted:	2/2	28/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	lector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	114	4368		
4244 International Pkwy Ste 120				Canister Cl	eaned:	2/7	7/2022		
Atlanta, GA 30354				Received B	y:	HZ			
				Date Receiv	ved:	3/2	2/2022		
Sample ID: AK94710				Time Recei	ved:	11:	:51 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:		AIF	२		
Location ID:				Reporting D)ate:		9/2022		
Location Descr:				Received T					
PARAME	TER EPA			QUALIFIE	ER		ANALYSIS	MCL	. or
ANALYTE COD	E NOTE METHOD	RESULT	UNIT			ANALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 195	5187								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	8.8325	ppbV			KL	3/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0314	ppbV	SQ	0.0232	KL	3/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	63.179	ug/m3			KL	3/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0566	ug/m3	SQ	0.0418	KL	3/3/2022		

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

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

LABORATORY REPORT

				Date Collected:	2/2	2/2022		
				Time Collected:	0:0	0		
				Sample Collector:	J. E	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:	3/9	/2022		
Sample ID: AK94711				Time Received:	11:	19 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	TA STUDY		
Location ID:				Reporting Date:	4/1	9/2022		
Location Descr:				Received Temperatu	re: 20.7	1 °C		
PARAN	IETER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs rla	NALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 19	95358							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.1084	ppbV		KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.2281	ppbV	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	65.1525	ug/m3		KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.4112	ug/m3	0.0418	KL	3/11/2022		

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

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

LABORATORY REPORT

				Date Collect	ed:	2/2	22/2022		
				Time Collec	ted:	0:0	00		
				Sample Col	ector:	C.	CULBERT I	KNOX	
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination	:				
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	HZ	2		
				Date Receiv	ed:	3/3	3/2022		
Sample ID: AK94716				Time Receiv	ved:	9:0	03 AM		
Facility Name: DOUGLAS - GENERAL CO Site ID: 013-069-0002	FFEE			Project:		DA	ATA STUDY		
Location ID:				Reporting D	ate:		19/2022		
Location Descr:				Received Te					
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 195	187								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8516	ppbV			KL	3/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0347	ppbV	SQ 2	0.0232	2 KL	3/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.4686	ug/m3			KL	3/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0625	ug/m3	SQ 2	0.0418	8 KL	3/3/2022		

COMMENTS: \$ETO received in the lab at 22.4 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

LABORATORY REPORT

				Date Collected:	2/2	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:	HZ	<u>,</u>		
				Date Received:	3/9)/2022		
Sample ID: AK94717				Time Received:	11:	:19 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DA	TA STUDY		
Location ID: QCCAN				Reporting Date:		9/2022		
Location Descr:				Received Temperatur				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rlai	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1953	358							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6677	ppbV		KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0901	ppbV	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.1532	ug/m3		KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1624	ug/m3	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 7 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)	Laboratory Contacts: Lab Director: Mark Tolbert Inorganics: Carmen Pyle Metals: Shene Jones Organics: Mary Bowma GC Mass Spec: Ralph Schulz Microbiology: Mary Bowma	470-524-0544 n 470-524-0639 470-524-0684
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LABORATORY REPORT

				Date Collec	ted:	2	/21/2022		
				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:	Н	IZ		
				Date Receiv	ved:	3	/9/2022		
Sample ID: AK94718				Time Recei	ved:	1	1:19 AM		
Facility Name: FULTON F1 F2 FB Site ID: F1				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	4	/19/2022		
Location Descr:				Received T	emperat	ure: 2	0.2 °C		
PARAME	FER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1953	358								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6734	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.1939	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	3/11/2022		

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

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

				Date Collec	ted:	2/	/22/2022		
				Time Collec	ted:	0:	:00		
				Sample Col	lector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Chlorination	n:				
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	Н	Z		
				Date Receiv	/ed:	3/	/9/2022		
Sample ID: AK94721				Time Recei	ved:	1	1:19 AM		
Facility Name: FULTON F1 Site ID: F1				Project:		D	ATA STUDY		
Location ID:				Reporting D	ate:	4/	/19/2022		
Location Descr:				Received T	emperat	ure: 20	0.0 °C		
PARA	METER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CC	DDE NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	95358								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7287	ppbV			KL	3/11/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0558	ppbV	SQ	0.0232	KL	3/11/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.5895	ug/m3			KL	3/11/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1006	ug/m3	SQ	0.0418	KL	3/11/2022		

COMMENTS: \$ETO received in the lab at 9.5 in Hg.

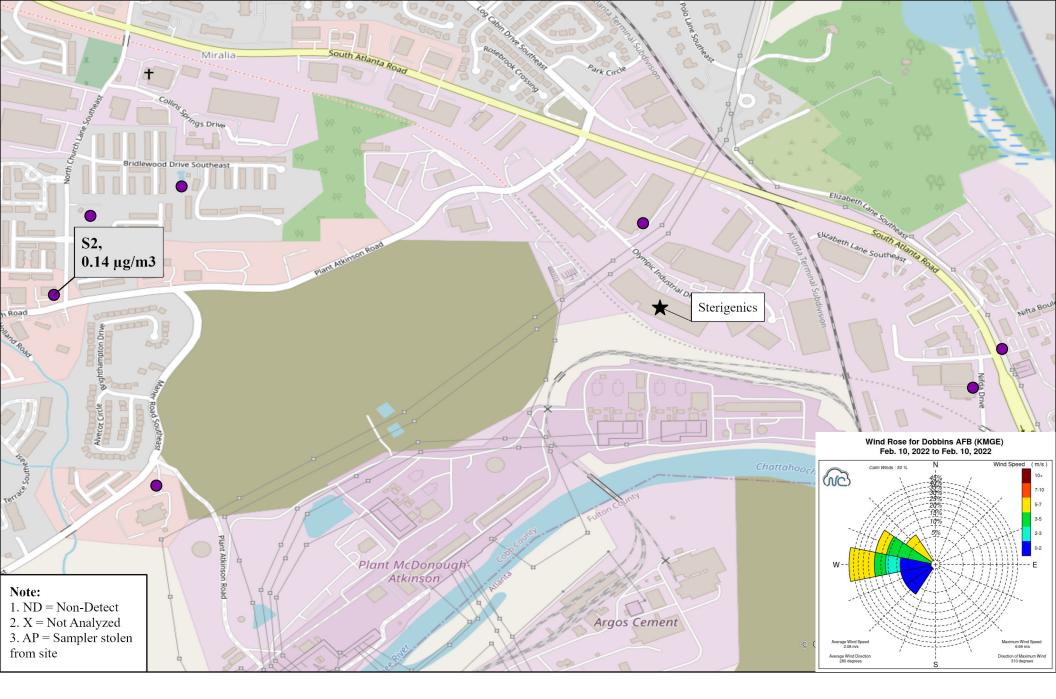
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	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:	2	2/22/2022		
				Time Collec	cted:	C):00		
				Sample Col	llector:	F	I. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Nu	umber:	1	14351		
4244 International Pkwy Ste 120				Canister Cl	eaned:	2	2/7/2022		
Atlanta, GA 30354				Received B	y:	F	ΗZ		
				Date Receiv	ved:	2	2/24/2022		
Sample ID: AK94724				Time Recei	ved:	ç):57 AM		
Facility Name: SOUTH DEKALB				Project:			AIR		
Site ID: 013-089-0002 Location ID:				Reporting D)oto:	-	/19/2022		
Location Descr:				Received T			23.1 °C		
PARAME ANALYTE CODI		RESULT	UNI	QUALIFIE		ANALY	ANALYSIS	MCL QC R	
ETO by EPA Method TO-15 QC Batch 195	107								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3154	ppbV			KL	2/25/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0495	ppbV	SQ	0.0232	KL	2/25/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.6332	ug/m3			KL	2/25/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0892	ug/m3	SQ	0.0418	KL	2/25/2022		
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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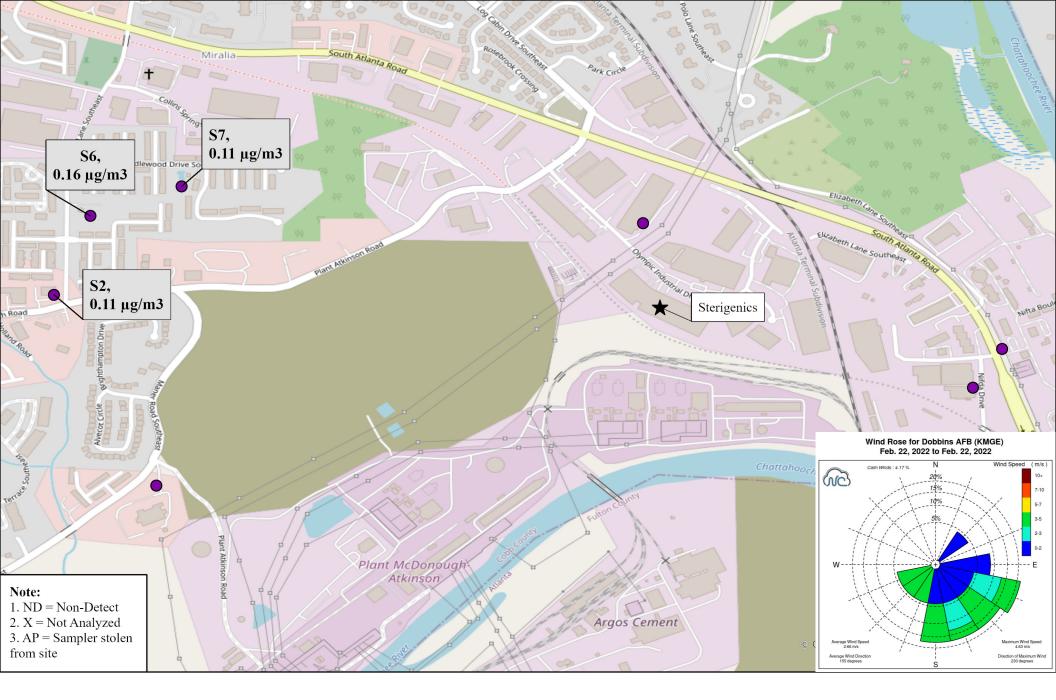
Ethylene Oxide Sampling Cobb County, GA

02/10/2022

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



ENVIRONMENTAL PROTECTION DIVISION





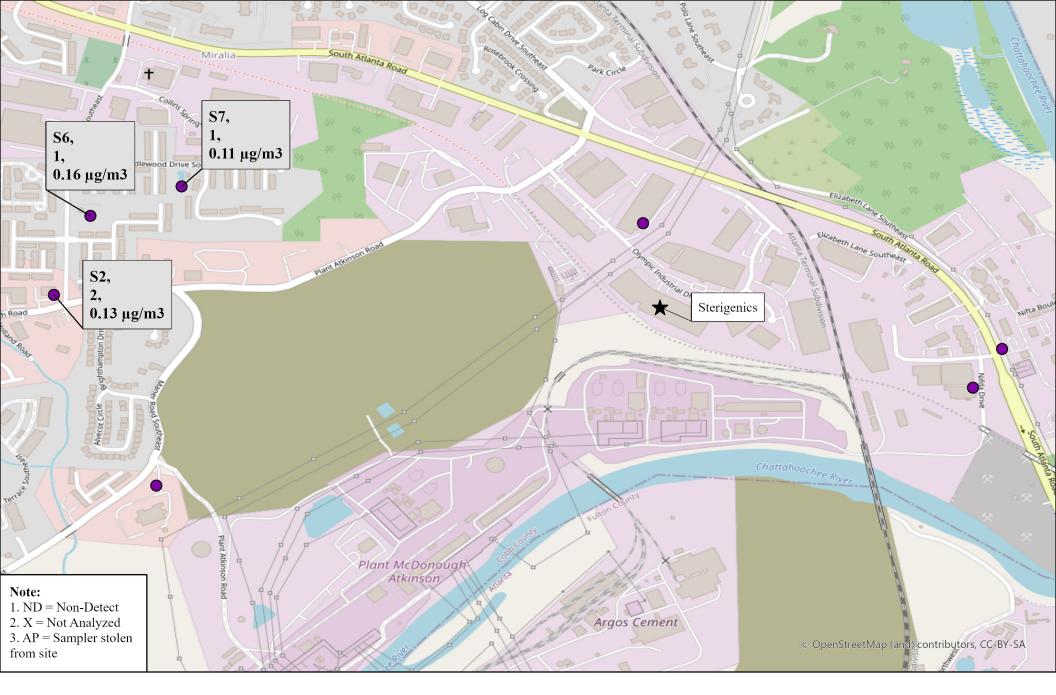
Ethylene Oxide Sampling Cobb County, GA

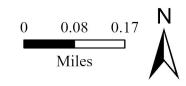
02/22/2022

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



ENVIRONMENTAL PROTECTION DIVISION





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

February 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