

ENVIRONMENTAL PROTECTION DIVISION

February 1, 2023

MEMORANDUM

To:	Karen Hays, Air Branch Chief KA
Through:	James Boylan, Assistant Branch Chief
Through:	DeAnna Oser, Ambient Monitoring Program Manager
From:	Jaime Gore, Operations 1 Unit Manager
RE:	Covington – November 6 – 30, 2021, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of November 6 – November 30, 2021, 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.

Location	Date	Qualifier	EtO Concentration $(\mu g/m^3)$
C2	11/06/2021		0.17
C2	11/18/2021	2	0.24
C2	11/30/2021		0.37
C2 QA	11/06/2021	2	0.17
C7 SA	11/18/2021	2	0.16

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) 248-7383

LABORATORY REPORT

				Date Collected:	1	1/6/2021		
				Time Collected:	0):00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	łΖ		
				Date Received:	1	1/30/2021		
Sample ID: AK89007				Time Received:	1	1:53 AM		
Facility Name: COBB S2 QA Site ID: S2-QA				Project:	C	DATA STUDY		
Location ID: QCCAN				Reporting Date:	1	/18/2022		
Location Descr:				Received Temperatu		1.5 °C		
PARAME ANALYTE CODI	TER EPA NOTE METHOD	RFSUI T	UNIT	QUALIFIER IS RL A	ΝΔΙ Υ	ANALYSIS	MCL QC Ra	
ETO by EPA Method TO-15 QC Batch 193			••••					<u> </u>
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3852	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0920	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.2855	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1658	ug/m3	0.0288	KL	11/30/2021		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram 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) 248-7383

LABORATORY REPORT

				Date Collected: Time Collected:		1/6/2021 :00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	Н	IZ		
				Date Received:	1	1/30/2021		
Sample ID: AK89008				Time Received:	1	1:53 AM		
Facility Name: COBB S2 Site ID: S2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1	/18/2022		
Location Descr:				Received Temperat	ture: 1	9.9 °C		
PARAME ANALYTE CODE	TER EPA NOTE METHOD	RESULT	UNI	QUALIFIER TS RL	ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 193	943							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3898	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1234	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.3184	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2224	ug/m3	0.0288	KL	11/30/2021		

COMMENTS: \$ETO received in the lab at 10 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

			1					
				Date Collected:	1	1/6/2021		
				Time Collected:	0	0:00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	ΗZ		
				Date Received:	1	1/30/2021		
Sample ID: AK89009				Time Received:	1	1:53 AM		
Facility Name: COVINGTON C2 QA Site ID: C2-QA				Project:	С	DATA STUDY		
Location ID:				Reporting Date:	1	/18/2022		
Location Descr:				Received Temperatu	ıre: 2	23.5 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLA	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1939	43							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7678	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0930	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8692	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1676	ug/m3	0.0288	KL	11/30/2021		

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 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 Collected:	1	1/6/2021		
				Time Collected:	0	:00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	łΖ		
				Date Received:	1	1/30/2021		
Sample ID: AK89010				Time Received:	1	1:53 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	C	DATA STUDY		
Location ID:				Reporting Date:	1	/18/2022		
Location Descr:				Received Temperate	ure: 2	1.9 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT		rs RL A	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 193	943							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3840	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0941	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.2769	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1696	ug/m3	0.0288	KL	11/30/2021		

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)	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 Collected:	1	1/6/2021		
				Time Collected:	0	:00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	IZ		
				Date Received:	1	1/30/2021		
Sample ID: AK89012				Time Received:	1	1:53 AM		
Facility Name: FULTON F2 QA Site ID: F2-QA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1	/18/2022		
Location Descr:				Received Temperat	ure: 2	3.9 °C		
PARAME	TER EPA			QUALIFIER		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 193	943							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.7277	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1809	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.7354	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3261	ug/m3	0.0288	KL	11/30/2021		

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 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 Collected: Time Collected:		1/6/2021		
				Sample Collector:	-	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:	U			
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	łΖ		
				Date Received:	1	1/30/2021		
Sample ID: AK89013				Time Received:	1	1:53 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	C	DATA STUDY		
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperat	ture: 2	3.6 °C		
PARAME ANALYTE COD	ETER EPA E NOTE METHOD	RESULT	UNI	QUALIFIER FS RL	ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 193	943							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3154	ppbV		KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1492	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.6332	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2689	ug/m3	0.0288	KL	11/30/2021		

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 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 Collected:	1	1/12/2021		
			Time Collected:	C):00		
			Sample Collector:	H	I. STREET		
			Canister Number:	1	10342		
			Canister Cleaned				
			Time Received:	ç):32 AM		
			Project:	A	AIR		
			Reporting Date:	1	/18/2022		
			Received Temperat	ure: 2	2.4 °C		
TER EPA			QUALIFIER		ANALYSIS	MCL	or
NOTE METHOD	RESULT	UNIT		ANALY	ST DATE	QC R	ange
308							
EPA TO-15	10.7721	ppbV		KL	11/16/2021	8 to	12
EPA TO-15 EPA TO-15	10.7721 0.1051	ppb∨ ppbV	0.016	KL KL	11/16/2021 11/16/2021	8 to	12
			0.016			8 to	12
			0.016				
EPA TO-15	0.1051	ppbV	0.016 0.0288	KL	11/16/2021		
EPA TO-15 EPA TO-15	0.1051 77.053	ppbV ug/m3		KL KL	11/16/2021 11/16/2021		
EPA TO-15 EPA TO-15	0.1051 77.053	ppbV ug/m3		KL KL	11/16/2021 11/16/2021		
EPA TO-15 EPA TO-15 EPA TO-15	0.1051 77.053 0.1894	ppbV ug/m3 ug/m3		KL KL KL	11/16/2021 11/16/2021 11/16/2021		85.84
EPA TO-15 EPA TO-15 EPA TO-15	0.1051 77.053 0.1894	ppbV ug/m3 ug/m3		KL KL KL	11/16/2021 11/16/2021 11/16/2021		85.84
		NOTE METHOD RESULT	NOTE METHOD RESULT UNIT	Time Collected: Sample Collector: Canister Number: Canister Cleaned: Received By: Date Received: Time Received: Time Received: Project: Reporting Date: Received Temperat TER EPA QUALIFIER NOTE METHOD RESULT UNITS RL	Time Collected: Construction of the constructi	Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110342 Canister Cleaned: 10/19/2021 Received By: HZ Date Received: 11/16/2021 Time Received: 9:32 AM Project: AIR Reporting Date: 1/18/2022 Received Temperature: 22.4 °C	Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110342 Canister Cleaned: 10/19/2021 Received By: HZ Date Received: 11/16/2021 Time Received: 9:32 AM Project: AIR Reporting Date: 1/18/2022 Received Temperature: 22.4 °C

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

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LABORATORY REPORT

				Date Collected:	11/6/2021		
				Time Collected:	0:00		
				Sample Collector:	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Canister Number:	110257		
4244 International Pkwy Ste 12				Canister Cleaned:	10/19/2021		
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	11/9/2021		
Sample ID: AK89015				Time Received:	10:00 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AIR		
Location ID: QCCAN				Reporting Date:	1/18/2022		
Location Descr:				Received Temperatur			
	METER EPA DE NOTE METHOD	RESULT	UNIT	QUALIFIER S RL AN	ANALYSIS		or Range
ETO by EPA Method TO-15 QC Batch 1	93808						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9653	ppbV		KL 11/16/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.0735	ppbV	0.016	KL 11/16/2021		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.2819	ug/m3		KL 11/16/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.1325	ug/m3	0.0288	KL 11/16/2021		

COMMENTS: \$ETO received in the lab at 9.4 psi.

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LABORATORY REPORT

				Date Collec	ted [.]	1	1/6/2021		
				Time Collec			:00		
				Sample Co		-	CULBERT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior					
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B		F	IZ		
				Date Recei	ved:	1	1/16/2021		
Sample ID: AK89016				Time Recei			:32 AM		
Facility Name: GENERAL COFFEE				Project:	vou.	-	ATA STUDY		
Site ID: 013-069-0002				-					
Location ID: Location Descr:				Reporting D	Date:	1	/18/2022		
PARAME	TER EPA			QUALIFIE	R		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT				ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	808								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9078	ppbV			KL	11/16/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0503	ppbV	SQ	0.016	KL	11/16/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.8706	ug/m3			KL	11/16/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0907	ug/m3	SQ	0.0288	6 KL	11/16/2021		

COMMENTS: \$ETO received in the lab at 21.4 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

						4	4/40/0004		
				Date Collec			1/18/2021		
				Time Colle	cted:	0	:00		
				Sample Co	llector:	С	. CULBERT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	ng			Canister N	umber:	1	14386		
4244 International Pkwy Ste 12				Canister Cl	eaned:	1	0/19/2021		
Atlanta, GA 30354				Received E	sy:	Н	IZ		
				Date Recei	ved:	1	1/23/2021		
Sample ID: AK89017 Facility Name: GEN. COFFEE				Time Rece	ived:	8	:07 AM		
Site ID: 013-069-0002				Project:		A	IR		
Location ID:				Reporting [Date:	1	/18/2022		
Location Descr:				Received T	emperat	ure: 1	9.9 °C		
PARA	METER EPA			QUALIFI	ER		ANALYSIS	MCL	or
ANALYTE CC	DDE NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	193943								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6257	ppbV			KL	11/30/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0513	ppbV	2	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	68.8527	ug/m3			KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0925	ug/m3	2	0.0288	KL	11/30/2021		

COMMENTS: \$ETO received in the lab at 20.6 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/kilogram ug/s: micrograms/kilogram pp: parts per million pp: parts per billion org/L: organisms/liter<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Inorganics: Carmen Pyles 470 Metals: Shene Jones 470 Organics: Mary Bowman 470 GC Mass Spec: Ralph Schulz 470)-524-0577)-524-0629)-524-0544)-524-0639)-524-0684)-524-0709
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LABORATORY REPORT

				Date Collected:	1	1/12/2021		
				Time Collected:	0	:00		
				Sample Collector:	F	I. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorii	na			Canister Number:	1	10322		
4244 International Pkwy Ste 12				Canister Cleaned:	1	0/19/2021		
Atlanta, GA 30354				Received By:	F	IZ		
				Date Received:	1	1/16/2021		
Sample ID: AK89018				Time Received:	9	:32 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	А	I R		
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperat		0.9 °C		
PARAI	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNIT	rs RL A	ANALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1	93808							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3065	ppbV		KL	11/16/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.0971	ppbV	0.016	KL	11/16/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.7225	ug/m3		KL	11/16/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.175	ug/m3	0.0288	KL	11/16/2021		

COMMENTS: \$ETO received in the lab at 4.8 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 Jone Organics: Mary Bowm GC Mass Spec: Ralph Schu Microbiology: Mary Bowm	les 470-524-0629 es 470-524-0544 han 470-524-0639 lz 470-524-0684	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collected:	11	1/18/2021		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	H	Z		
				Date Received:	11	1/30/2021		
Sample ID: AK89019				Time Received:	11	1:53 AM		
Facility Name: COBB S6 SA Site ID: S6-SA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1/	18/2022		
Location Descr:				Received Temperat	ture: 21	.9 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RL	ANALY	ST DATE	QC R	lange
ETO by EPA Method TO-15 QC Batch 193	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7070	ppbV		KL	12/1/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.1371	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.4343	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2471	ug/m3	0.0288	KL	12/1/2021		

COMMENTS: \$ETO received in the lab at 6.5 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) 248-7383

LABORATORY REPORT

				Date Collected:	11	1/18/2021		
				Time Collected:	0:	:00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	H.	Z		
				Date Received:	11	1/30/2021		
Sample ID: AK89020				Time Received:	11	1:53 AM		
Facility Name: COBB S2 Site ID: S2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperat		1.6 °C		
PARAME	FER 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 1939	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.7206	ppbV		KL	12/1/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1870	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.6846	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3371	ug/m3	0.0288	KL	12/1/2021		

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) 248-7383

LABORATORY REPORT

				Date Collected:	11	/18/2021		
				Time Collected:	0:	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a a a a a a a a a a a a a a a a a a a			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	HZ	Z		
				Date Received:	11	/30/2021		
Sample ID: AK89021				Time Received:	11	:53 AM		
Facility Name: COBB S7 SA Site ID: S7-SA				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	1/	18/2022		
Location Descr:				Received Temperat	ure: 23	.9 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT	UNI	rs RL	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	3970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4800	ppbV		KL	12/1/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1325	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.8106	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2388	ug/m3	0.0288	KL	12/1/2021		

COMMENTS: \$ETO received in the lab at 6.5 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) 248-7383

LABORATORY REPORT

				Date Collected:	1	1/18/2021		
				Time Collected:	0:	:00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	H	Z		
				Date Received:	1	1/30/2021		
Sample ID: AK89022				Time Received:	1	1:53 AM		
Facility Name: COVINGTON C7 SA Site ID: C7-SA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1/	/18/2022		
Location Descr:				Received Temperat		2.9 °C		
PARAME	TER EPA			QUALIFIER		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 193	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4022	ppbV		KL	12/1/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.0891	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.254	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1606	ug/m3	0.0288	KL	12/1/2021		

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)	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) 248-7383

LABORATORY REPORT

· · · · · · · · · · · · · · · · · · ·								
				Date Collected:	1	1/18/2021		
				Time Collected:	0:	:00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	Н	Z		
				Date Received:	1	1/30/2021		
Sample ID: AK89841				Time Received:	1	1:53 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	D	ATA STUDY		
Location ID: QCCAN				Reporting Date:	1/	/18/2022		
Location Descr:				Received Temperate		1.9 °C		
PARAME				QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	rs RLA	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.5880	ppbV		KL	12/1/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1313	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.7361	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2367	ug/m3	0.0288	KL	12/1/2021		

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)	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) 248-7383

LABORATORY REPORT

				Date Collected:	11	/18/2021		
				Time Collected:	0:0			
					-			
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	<u>Z</u>		
				Date Received:	11	/30/2021		
Sample ID: AK89842				Time Received:	11	:53 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:		18/2022		
Location Descr:				Received Temperat				
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI		ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.8810	ppbV		KL	12/1/2021	8 to	
Ethylene Oxide	EPA TO-15	0.5508	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	77.8319	ug/m3		KL	12/1/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.9928	ug/m3	0.0288	KL	12/1/2021		

COMMENTS: \$ETO received in the lab at 10 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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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

r								
				Date Collected:	1	1/18/2021		
				Time Collected:	0:	:00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	a a a a a a a a a a a a a a a a a a a			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	Н	Z		
				Date Received:	1	1/30/2021		
Sample ID: AK89843				Time Received:	1	1:53 AM		
Facility Name: FULTON F1 SA Site ID: F1-SA				Project:	D	ATA STUDY		
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperat		1.6 °C		
PARAM	ETER EPA			QUALIFIER		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	3970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2681	ppbV		KL	12/1/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.2121	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.4478	ug/m3		KL	12/1/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.3823	ug/m3	0.0288	KL	12/1/2021		

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 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) 248-7383

LABORATORY REPORT

				Date Collected:	11	/18/2021		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	1			Canister Number:	11	4313		
4244 International Pkwy Ste 120				Canister Cleaned:	11	/1/2021		
Atlanta, GA 30354				Received By:	HZ	2		
				Date Received:	11	/22/2021		
Sample ID: AK89844				Time Received:	11	:19 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AI	R		
Location ID:				Reporting Date:	1/*	18/2022		
Location Descr:				Received Temperatu	re: 20	.4 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rla	NALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 19	3943							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9692	ppbV		KL	11/30/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.1168	ppbV	0.016	KL	11/30/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.3098	ug/m3		KL	11/30/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2105	ug/m3	0.0288	KL	11/30/2021		

COMMENTS: \$ETO received in the lab at 5.8 psi.

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) 248-7383

LABORATORY REPORT

				Date Collect	ed:	1	1/30/2021		
				Time Collec	ted:	0):00		
				Sample Coll	ector:	C	. CULBERT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Chlorination	:				
4244 International Pkwy Ste 12				Sample Typ	e:				
Atlanta, GA 30354				Received By	/:	F	łΖ		
				Date Receiv	ed:	1	2/10/2021		
Sample ID: AK89846				Time Receiv	ved:	8	3:10 AM		
Facility Name: DOUGLAS - GENERAL (Site ID: 013-069-0002	OFFEE			Project:		C	DATA STUDY		
Location ID:				Reporting D	ate:	1	/18/2022		
Location Descr:				Received Te		ture: 1	4.3 °C		
PARAM	IETER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNIT	S	RL	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	94261								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8673	ppbV			KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0704	ppbV	SQ 2	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.5809	ug/m3			KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1269	ug/m3	SQ 2	0.0418	6 KL	12/15/2021		

COMMENTS: \$ETO received in the lab at 22.6 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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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

· · · · · · · · · · · · · · · · · · ·								
				Date Collected:	11,	/24/2021		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	11	4331		
4244 International Pkwy Ste 120				Canister Cleaned:	11	/1/2021		
Atlanta, GA 30354				Received By:	HZ	<u>.</u>		
				Date Received:	11,	/29/2021		
Sample ID: AK89847				Time Received:	11	:20 AM		
Facility Name: south dekalb Site ID: 013-089-0002				Project:	Alf	२		
Location ID:				Reporting Date:	1/1	8/2022		
Location Descr:				Received Temperatu	ire: 20.	5 °C		
PARAME	ETER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	TS RLA	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	970							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7616	ppbV		KL	12/1/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.1014	ppbV	0.016	KL	12/1/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8248	ug/m3		KL	12/1/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1828	ug/m3	0.0288	KL	12/1/2021		

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

LABORATORY REPORT

			1						
				Date Collec	ted:	1	1/29/2021		
				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:	F	IZ		
				Date Receiv	ved:	1	2/8/2021		
Sample ID: AK89849				Time Recei	ved:	1	1:35 AM		
Facility Name: COBB S2 FB Site ID: S2				Project:		D	ATA STUDY		
Location ID: QCCAN				, Reporting D)ate:		/18/2022		
Location Descr:				Received T			0.6 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	ſS	RL A	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1942	61								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0629	ppbV			KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.98	ug/m3			KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	12/15/2021		

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

LABORATORY REPORT

			I						
				Date Collec	ted:	1	1/29/2021		
				Time Collec	ted:	0	:00		
				Sample Co	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:	F	IZ		
				Date Recei	ved:	1	2/8/2021		
Sample ID: AK89850				Time Recei	ved:	1	1:35 AM		
Facility Name: FULTON F2 FB Site ID: F2				Project:		D	ATA STUDY		
Location ID:				Reporting D	Date:	1	/18/2022		
Location Descr:				Received T			1.9 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1942	61								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9369	ppbV			KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.0788	ug/m3			KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	12/15/2021		

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

LABORATORY REPORT

				Date Collected:	11/30/2021		
				Time Collected:	0:00		
				Sample Collector:	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	12/8/2021		
Sample ID: AK89851				Time Received:	11:35 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	DATA STUDY	/	
Location ID:				Reporting Date:	1/18/2022		
Location Descr:				Received Temperatur	e: 23.5 °C		
PARAME	TER EPA			QUALIFIER	ANALYSIS	S MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	TS RL AN	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	261						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.9938	ppbV		KL 12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.2060	ppbV	0.0232	KL 12/15/2021		
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	78.6388	ug/m3		KL 12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3713	ug/m3	0.0418	KL 12/15/2021		

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 Contacts: Lab Director: Mark Tolbert Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0544 470-524-0639 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collec Time Collec Sample Col	ted:	0	1/29/2021 :00 . BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior		-			
4244 International Pkwy Ste 120				Sample Typ	e:				
Atlanta, GA 30354				Received B	y:	Н	IZ		
				Date Receiv	ved:	1	2/8/2021		
Sample ID: AK89852 Facility Name: COVINGTON C2 FB				Time Recei	ved:	1	1:34 AM		
Site ID: C2				Project:		D	ATA STUDY		
Location ID: Location Descr:				Reporting D Received T			/18/2022 9.6 ⁰C		
ANALYTE CODE	ER EPA NOTE METHOD	RESULT	UNI	QUALIFIE		ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 1942	61								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8793	ppbV			KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.6667	ug/m3			KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0418	KL	12/15/2021		

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

LABORATORY REPORT

				Date Collected:	11/30/2021		
				Time Collected:	0:00		
				Sample Collector:	J. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:			
4244 International Pkwy Ste 120				Sample Type:			
Atlanta, GA 30354				Received By:	HZ		
				Date Received:	12/8/2021		
Sample ID: AK89853				Time Received:	11:34 AM		
Facility Name: COBB S2 Site ID: S2				Project:	DATA STUD	Y	
Location ID:				Reporting Date:	1/18/2022		
Location Descr:				Received Temperatur	e: 24.6 °C		
PARAMET	ER EPA			QUALIFIER	ANALYSIS	S MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RL AN	IALYST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1942	61						
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	11.0489	ppbV		KL 12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1511	ppbV	0.0232	KL 12/15/2021	l	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	79.0329	ug/m3		KL 12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2724	ug/m3	0.0418	KL 12/15/2021	l	

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

LABORATORY REPORT

				Date Collected:	1	1/30/2021		
				Time Collected:	0):00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	F	łΖ		
				Date Received:	1	2/8/2021		
Sample ID: AK89854				Time Received:	1	1:35 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	C	DATA STUDY		
Location ID:				Reporting Date:		/18/2022		
Location Descr:				Received Temperatu		1.9 °C		
PARAME	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs rl a	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 194	261							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6594	ppbV		KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1759	ppbV	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.0938	ug/m3		KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3171	ug/m3	0.0418	KL	12/15/2021		

COMMENTS: \$ETO received in the lab at 8.5 in Hg.

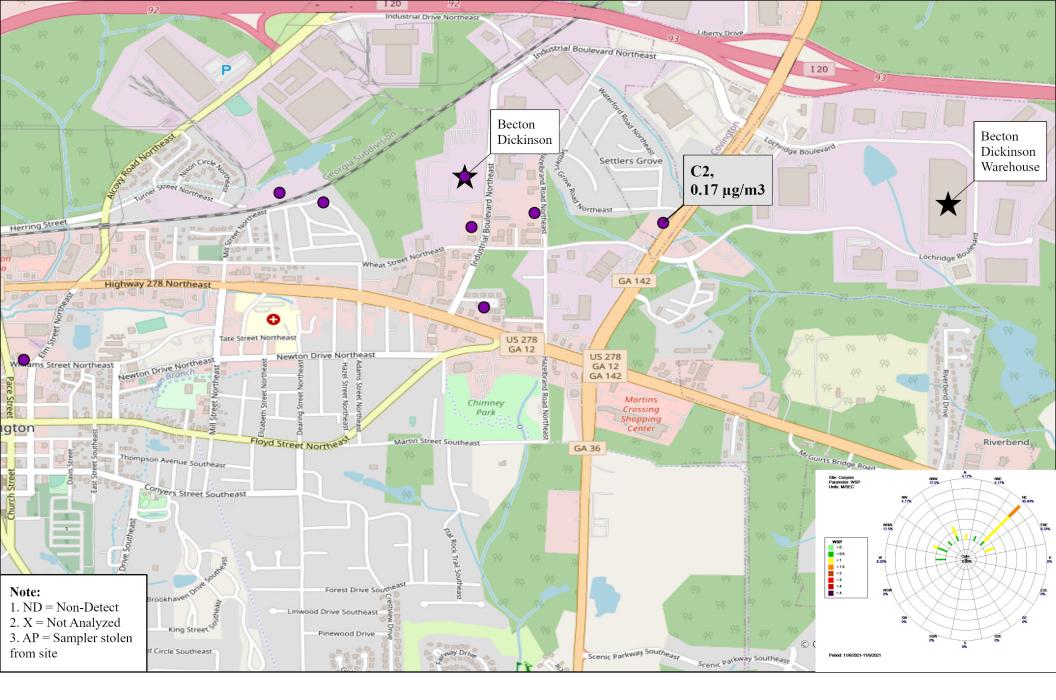
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: 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) 248-7383

LABORATORY REPORT

				Date Collected:	-	1/30/2021		
				Time Collected:	(0:00		
				Sample Collector:	ŀ	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	torina			Canister Number:	-	14344		
4244 International Pkwy Ste				Canister Cleaned:		11/1/2021		
Atlanta, GA 30354				Received By:	ŀ	ΗZ		
				Date Received:		12/2/2021		
Sample ID: AK89856				Time Received:		10:41 AM		
Facility Name: SOUTH DEKALB				Project:		AIR		
Site ID: 013-089-0002					-			
Location ID: Location Descr:				Reporting Date:		I/18/2022 20.9 °C		
Location Desci.				Received Temperatu	lie. 4	0.9 °C		
	RAMETER EPA CODE NOTE METHOD	RESULT	UNI	QUALIFIER TS RL A	NAL	ANALYSIS	MCL QC R	· • ·
ETO by EPA Method TO-15 QC Batc	h 194261							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7276	ppbV		KL	12/15/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1281	ppbV	0.0232	KL	12/15/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.5816	ug/m3		KL	12/15/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2309	ug/m3	0.0418	KL	12/15/2021		
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 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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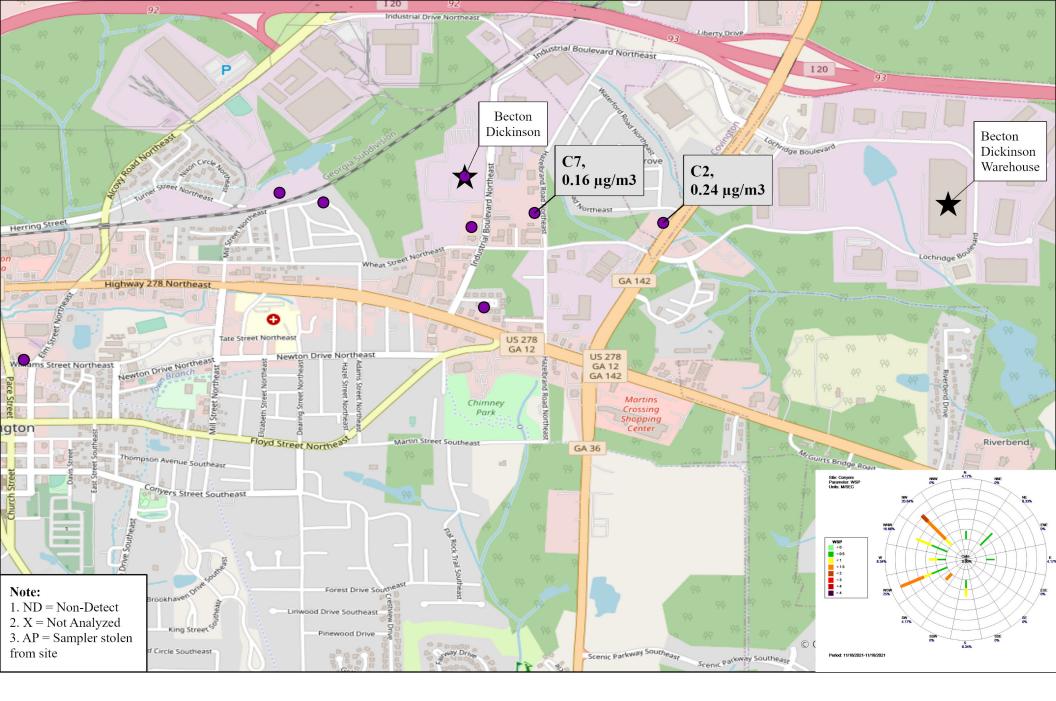




11/06/2021

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



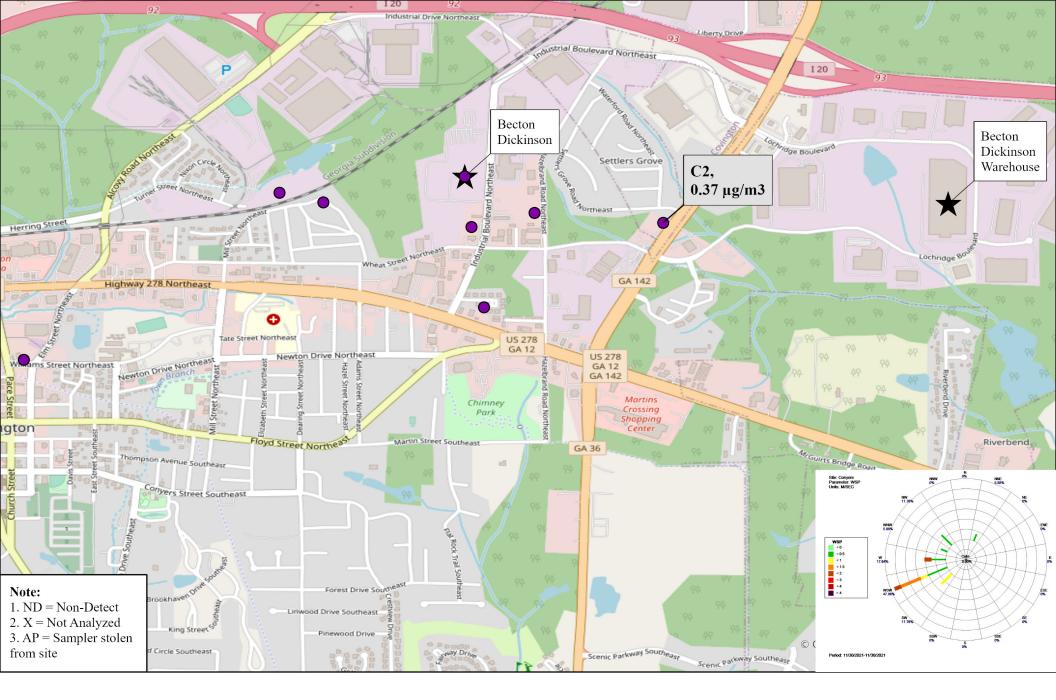




11/18/2021

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



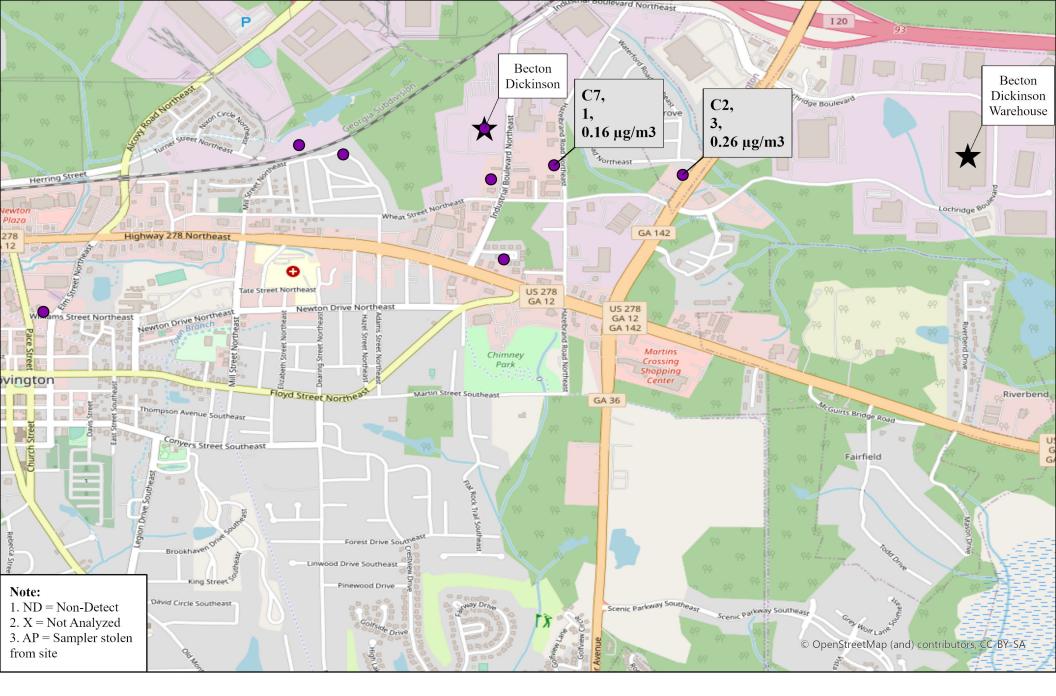




11/30/2021

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







November 2021 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

