

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

October 12, 2022

MEMORANDUM

То:	Karen Hays, Air Branch Chief \checkmark
Through:	James Boylan, Assistant Branch Chief
From:	DeAnna Oser, Ambient Monitoring Program Manager
RE:	Covington October 1-31, 2021 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of October 1-31, 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 Lab 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. The samples listed as AF indicates the samples were scheduled but not collected. Sampling was discontinued for site C4 at the end of September.

Location	Date	Qualifier	EtO Concentration (ug/m ³)
C2	10/01/2021	2	0.23
C2 QA	10/01/2021		0.20
C2	10/13/2021		0.11
C2	10/25/2021		AF
C2	10/31/2021	2	0.24
C7	10/13/2021		0.15

If you have any questions, please let me know.

DGO/do

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

LABORATORY REPORT

				Date Collected:	10	/1/2021		
				Time Collected:	0:0	00		
				Sample Collector:	Н.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	a			Canister Number:	11	4377		
4244 International Pkwy Ste 12				Canister Cleaned:	9/2	2/2021		
Atlanta, GA 30354				Received By:	KL			
				Date Received:	10	/5/2021		
Sample ID: AK84720				Time Received:	10	:47 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	All	२		
Location ID:				Reporting Date:	12	/16/2021		
Location Descr:				Received Temperat				
PARAM	IETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI	rs RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	93070							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6356	ppbV		KL	10/5/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1643	ppbV	0.016	KL	10/5/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.0766	ug/m3		KL	10/5/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2962	ug/m3	0.0288	KL	10/5/2021		

COMMENTS: \$TEO 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 Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 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	0/9/2021		
				Time Collected:	C):00		
				Sample Collector:	ŀ	H. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monit	oring			Canister Number:	1	10327		
4244 International Pkwy Ste				Canister Cleaned:	ę	9/27/2021		
Atlanta, GA 30354				Received By:	ł	٢L		
				Date Received:	1	0/12/2021		
Sample ID: AK87159 Facility Name: SOUTH DEKALB				Time Received:	1	1:55 AM		
Site ID: 013-089-0002				Project:	A	٨IR		
Location ID: QCCAN				Reporting Date:	1	2/16/2021		
Location Descr:				Received Temperat	ure: 2	23.5 °C		
PAF	RAMETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE	CODE NOTE METHOD	RESULT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batc	h 193281							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2845	ppbV		KL	10/14/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1720	ppbV	0.016	KL	10/14/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.5651	ug/m3		KL	10/14/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.31	ug/m3	0.0288	KL	10/14/2021		

COMMENTS: \$ETO received in the lab at 4 in Hg. This is an ETO makeup sample for 10-07-2021.

ug/L: micrograms/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 Tolbert470-524-0577Inorganics:Kristy Hrehor470-524-0689Metals:Shene Jones470-524-0544Organics:Mary Bowman470-524-0639GC Mass Spec:Ralph Schulz470-524-0684Microbiology:Mary Bowman470-524-0709	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

			1					
				Date Collected:	1	0/21/2021		
				Time Collected:	0	:00		
				Sample Collector:	Н	. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monito	oring			Canister Number:	1	14320		
4244 International Pkwy Ste				Canister Cleaned:	9	/27/2021		
Atlanta, GA 30354				Received By:	K	L		
				Date Received:	1	0/27/2021		
Sample ID: AK87160 Facility Name: SOUTH DEKALB				Time Received:	1	0:02 AM		
Site ID: 013-089-0002				Project:	A	IR		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr:				Received Temperat	ture: 1	7.5 °C		
PAR	AMETER 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	193603							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.8316	ppbV		KL	11/2/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.2025	ppbV	0.016	KL	11/2/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	77.4786	ug/m3		KL	11/2/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.365	ug/m3	0.0288	KL	11/2/2021		

COMMENTS: \$ETO received in the lab at 3 in Hg. This is an ETO makeup sample for 10/13/2021.

ug/L: micrograms/liter <: less than mg/L: milligrams/liter MCL: Maximum Contami mg/kg: milligrams/kilogram RL: Reporting Limit ug/kg: micrograms/kilogram LSPC: result less than lo ug/g: micrograms/kilogram USPC: result greater tha ppm: parts per million TIE: Tentatively Identified org/L: organisms/liter VIOL: Violation (result excepted)	er specification Inorganics: Kristy Hrel Metals: Shene Jor Organics: Mary Bown GC Mass Spec: Ralph Sch	470-524-0544 n 470-524-0639 470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collected:		0/19/2021		
				Time Collected:	0	:00		
				Sample Collector:	F	I. STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Canister Number:	G	GL065		
4244 International Pkwy Ste 120				Canister Cleaned:	9)/27/2021		
Atlanta, GA 30354				Received By:	K	(L		
				Date Received:	1	0/21/2021		
Sample ID: AK87161 Facility Name: south dekalb				Time Received:	1	1:33 AM		
Site ID: 013-089-0002				Project:	А	NR		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr:				Received Temperatu	ire: 1	9.9 °C		
PARAME	TER 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 193	481							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.5316	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.2175	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.3327	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3921	ug/m3	0.0288	KL	10/26/2021		

COMMENTS: \$ETO received in the lab at 2 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: Krist Metals: Sher Organics: Mary GC Mass Spec: Ralp	k Tolbert hty Hrehor ene Jones ry Bowman ph Schulz	470-524-0577 470-524-0689 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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LABORATORY REPORT

				Date Collected:	10	/25/2021		
				Time Collected:	0:0	00		
				Sample Collector:	H.	STREET		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorir	na			Canister Number:	11	4368		
4244 International Pkwy Ste 12				Canister Cleaned:	9/	27/2021		
Atlanta, GA 30354				Received By:	KL	_		
				Date Received:	10	/27/2021		
Sample ID: AK87162				Time Received:	10):02 AM		
Facility Name: SOUTH DEKALB Site ID: 013-089-0002				Project:	AI	R		
Location ID:				Reporting Date:		2/16/2021		
Location Descr:				Received Temperat				
PARAI	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CO	DE NOTE METHOD	RESULT	UNI		ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1	93603							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.5325	ppbV		KL	11/2/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.1582	ppbV	0.016	KL	11/2/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.3391	ug/m3		KL	11/2/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.2852	ug/m3	0.0288	KL	11/2/2021		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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LABORATORY REPORT

				Date Collected:	1	0/1/2021		
				Time Collected:	C):00		
				Sample Collector:	J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitorin	q			Chlorination:				
4244 International Pkwy Ste 120				Sample Type:				
Atlanta, GA 30354				Received By:	k	٢L		
				Date Received:	1	0/15/2021		
Sample ID: AK87165				Time Received:	1	1:35 AM		
Facility Name: COBB S2 QA Site ID: S2				Project:	C	DATA STUDY		
Location ID: QCCAN				Reporting Date:	1	2/16/2021		
Location Descr: S2				Received Temperat	ure: 2	21.9 °C		
PARAN	IETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COI	DE NOTE METHOD	RESULT		rs RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	93371							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6288	ppbV		KL	10/20/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1893	ppbV	0.016	KL	10/20/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.0279	ug/m3		KL	10/20/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3412	ug/m3	0.0288	KL	10/20/2021		

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)	GC Mass Spec: Ralph	Hrehor470-524-0689Jones470-524-0544Bowman470-524-0639	
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LABORATORY REPORT

				Date Collected:	1	0/1/2021		
				Time Collected:):00		
					-			
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:	k	KL		
				Date Received:	1	0/15/2021		
Sample ID: AK87166				Time Received:	1	1:35 AM		
Facility Name: COBB S2								
Site ID: S2				Project:		DATA STUDY		
Location ID:				Reporting Date:		2/16/2021		
Location Descr: S2				Received Temperat	ure: 2	3.9 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		TS RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1933	71							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2872	ppbV		KL	10/20/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1930	ppbV	0.016	KL	10/20/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.5845	ug/m3		KL	10/20/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3479	ug/m3	0.0288	KL	10/20/2021		

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)	Inorganics: Krist Metals: She Organics: Mar GC Mass Spec: Ralp	k Tolbert sty Hrehor ene Jones ry Bowman ph Schulz	470-524-0577 470-524-0689 470-524-0544 470-524-0639 470-524-0684 470-524-0709	
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LABORATORY REPORT

			1					
				Date Collected:	1	0/1/2021		
				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:	ĸ	(L		
				Date Received:	1	0/15/2021		
Sample ID: AK87167 Facility Name: COVINGTON C2 QA				Time Received:	1	1:35 AM		
Site ID: C2				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: C2				Received Temperate	ure: 2	4.6 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs RLA	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1933	71							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6269	ppbV		KL	10/20/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1089	ppbV	0.016	KL	10/20/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.0143	ug/m3		KL	10/20/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1963	ug/m3	0.0288	KL	10/20/2021		

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 Tolbe Inorganics: Kristy Hreh Metals: Shene Jon Organics: Mary Bowr GC Mass Spec: Ralph Sch Microbiology: Mary Bowr	or 470-524-0689 es 470-524-0544 nan 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:	1	0/1/2021		
				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:	k	٢L		
				Date Received:	1	0/15/2021		
Sample ID: AK87168 Facility Name: COVINGTON C2				Time Received:	1	1:35 AM		
Site ID: C2				Project:	E	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: C2				Received Temperate	ure: 2	25.9 °C		
PARAME	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODI	NOTE METHOD	RESULT	UNI	rs RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	371							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3441	ppbV		KL	10/20/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1298	ppbV	0.016	KL	10/20/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.9915	ug/m3		KL	10/20/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.234	ug/m3	0.0288	KL	10/20/2021		

COMMENTS: \$ETO received in the lab at 6.5 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: Kristy Hrehor Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0684
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Data Callastadi	4.0	1/1/2021		
				Date Collected:)/1/2021		
				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:	KL	_		
				Date Received:	10)/15/2021		
Sample ID: AK87169 Facility Name: FULTON F2 QA				Time Received:	11	I:35 AM		
Site ID: F2				Project:	DA	ATA STUDY		
Location ID:				Reporting Date:	12	2/16/2021		
Location Descr: F2				Received Temperatu	re: 21	.5 °C		
PARAME	FER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	rs rla	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1933	371							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.2791	ppbV		KL	10/20/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1117	ppbV	0.016	KL	10/20/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	73.5265	ug/m3		KL	10/20/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2013	ug/m3	0.0288	KL	10/20/2021		

COMMENTS: \$ETO received in the lab at 7 in Hg.

mg/L: milligrams/liter M mg/kg: milligrams/kilogram F ug/kg: micrograms/kilogram L ug/g: micrograms/gram L ppm: parts per million T ppb: parts per billion T	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit _SPC: result less than lower specification JSPC: result greater than upper specification FIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 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	0/1/2021		
				Time Collected:	C):00		
				Sample Collector:	J	I. 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:	k	٢L		
				Date Received:	1	0/15/2021		
Sample ID: AK87170				Time Received:	1	1:35 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	C	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: F2				Received Temperat		22.9 °C		
PARAM	ETER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE COL	DE NOTE METHOD	RESULT	UNIT	rs RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19	3371							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.1546	ppbV		KL	10/21/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.0781	ppbV	0.016	KL	10/21/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.636	ug/m3		KL	10/21/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1408	ug/m3	0.0288	KL	10/21/2021		

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 Tolber Inorganics: Kristy Hreho Metals: Shene Jone Organics: Mary Bowma GC Mass Spec: Ralph Schul Microbiology: Mary Bowma	r 470-524-0689 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:	10	/1/2021		
				Time Collected:	0:0	00		
				Sample Collector:	J.	BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitori	na			Canister Number:	11	0343		
4244 International Pkwy Ste 12				Canister Cleaned:	9/	27/2021		
Atlanta, GA 30354				Received By:	KL	_		
				Date Received:	10	/5/2021		
Sample ID: AK87171				Time Received:	10):47 AM		
Facility Name: ETO DATA STUDY Site ID: 013-089-0002				Project:	AI	R		
Location ID:				Reporting Date:	12	2/16/2021		
Location Descr:				Received Temperat				
PARA	METER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CC	DE NOTE METHOD	RESULT	UNIT	S RL A	NALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1	93070							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5021	ppbV		KL	10/5/2021	8 to	1:
Ethylene Oxide	EPA TO-15	0.2287	ppbV	0.016	KL	10/5/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.9686	ug/m3		KL	10/5/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.4122	ug/m3	0.0288	KL	10/5/2021		

COMMENTS: \$ETO received in the lab at 11 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)	Inorganics: Kristy Hrehor 470 Metals: Shene Jones 470 Organics: Mary Bowman 470 GC Mass Spec: Ralph Schulz 470)-524-0577)-524-0689)-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

			1					
				Date Collected:	1	0/13/2021		
				Time Collected:	C	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	0/21/2021		
Sample ID: AK87852				Time Received:	1	1:33 AM		
Facility Name: COBB S2 Site ID: S2				Project:	C	DATA STUDY		
Location ID: QCCAN				Reporting Date:	1	2/16/2021		
Location Descr: S2				Received Temperat		1.9 °C		
PARAME				QUALIFIER		ANALYSIS	MCL	or
ANALYTE COD	E NOTE METHOD	RESULT	UNI	rs RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 193	3481							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.5403	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1772	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.3949	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3194	ug/m3	0.0288	KL	10/26/2021		

COMMENTS: \$ETO received in the lab at 1 psi.

ug/L: micrograms/liter <: less than mg/L: milligrams/liter MCL: Maximum Contaminant Level mg/kg: milligrams/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 470-524-057 Inorganics: Kristy Hrehor 470-524-068 Metals: Shene Jones 470-524-054 Organics: Mary Bowman 470-524-068 GC Mass Spec: Ralph Schulz 470-524-068 Microbiology: Mary Bowman 470-524-070	9 4 9 4
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collected:	1	0/13/2021		
				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	0/21/2021		
Sample ID: AK87853				Time Received:	1	1:33 AM		
Facility Name: COBB S7 SA Site ID: S7				Project:	D	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: S7				Received Temperatu	ure: 2	0.1 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1934	81							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.4631	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1614	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.8427	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2909	ug/m3	0.0288	KL	10/26/2021		

COMMENTS: \$ETO received in the lab at 0.6 psi.

ug/L: micrograms/liter<: less than	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

			1					
				Date Collected:	1	0/13/2021		
				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	0/21/2021		
Sample ID: AK87854				Time Received:	1	1:33 AM		
Facility Name: COBB S6 SA Site ID: S6				Project:	D	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: S6				Received Temperatu	ire: 2	4.9 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLA	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1934	81							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6073	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1987	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.8741	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3582	ug/m3	0.0288	KL	10/26/2021		

COMMENTS: \$ETO received in the lab at 0.8 psi.

ug/L: micrograms/liter<: less than	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

								1
				Date Collected:	1	0/13/2021		
				Time Collected:	C):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	0/21/2021		
Sample ID: AK87855				Time Received:	1	1:33 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	0	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: C2				Received Temperatu		9.8 °C		
PARAMET	TER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT		rs rl a	NAL	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1934	81							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6457	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0635	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	76.1488	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1145	ug/m3	0.0288	KL	10/26/2021		

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)	GC Mass Spec:	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 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	0/13/2021		
				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	IZ		
				Date Received:	1	0/21/2021		
Sample ID: AK87856				Time Received:	1	1:33 AM		
Facility Name: COVINGTON C7 SA Site ID: C7				Project:	D	ATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: C7				Received Temperatu	re: 2	1.1 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLA	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1934	31							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.3917	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0827	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	74.332	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1491	ug/m3	0.0288	KL	10/26/2021		

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 Tolbe Inorganics: Kristy Hreh Metals: Shene Jon Organics: Mary Bowr GC Mass Spec: Ralph Sch Microbiology: Mary Bowr	or 470-524-0689 es 470-524-0544 nan 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:	1	0/13/2021		
				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	0/21/2021		
Sample ID: AK87857				Time Received:	1	1:33 AM		
Facility Name: FULTON F1 SA Site ID: F1				Project:	C	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: F1				Received Temperat	ure: 2	0.3 °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	481							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.0915	ppbV		KL	10/26/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1493	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	72.1846	ug/m3		KL	10/26/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2691	ug/m3	0.0288	KL	10/26/2021		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 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

TO: Ga EPD Air Program	_			Date Collected: Time Collected: Sample Collector: Chlorination:	C	0/13/2021 0:00 . BRYANT		
EPD Air Prot Ambient Monitorin 4244 International Pkwy Ste 120 Atlanta, GA 30354				Sample Type: Received By:	F	ΙZ		
Sample ID: AK87858				Date Received: Time Received:		0/21/2021 1:33 AM		
Facility Name: FULTON F2 Site ID: F2 Location ID:				Project: Reporting Date:		0ATA STUDY 2/16/2021		
Location Descr: F2				Reporting Date: Received Temperat		2/16/2021 2.5 °C		
ANALYTE COL	IETER EPA DE NOTE METHOD	RESULT	UNI	QUALIFIER IS RL	ANALY	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Batch 19	03481							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	10.6174	ppbV		KL	10/26/2021	8 to	1.
Ethylene Oxide	EPA TO-15	0.2171	ppbV	0.016	KL	10/26/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	75.9464	ug/m3		KL	10/26/2021	57.22 to	85.8
Ethylene Oxide	EPA TO-15	0.3913	ug/m3	0.0288	KL	10/26/2021		

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 Conta Lab Director: Inorganics: Metals: Organics: GC Mass Spec: Microbiology:	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman	470-524-0577 470-524-0689 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	0/31/2021		
				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	1/16/2021		
Sample ID: AK88022				Time Received:	g):32 AM		
Facility Name: COBB S2 Site ID: S2				Project:	C	DATA STUDY		
Location ID: QCCAN				Reporting Date:		2/16/2021		
Location Descr: S2				Received Temperatu		1.5 °C		
PARAMET				QUALIFIER		ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNIT	rs rla	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Batch 1938	08							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	11.1011	ppbV		KL	11/16/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.0547	ppbV	0.016	KL	11/16/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	79.4063	ug/m3		KL	11/16/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0986	ug/m3	0.0288	KL	11/16/2021		

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 Tolbert Inorganics: Kristy Hrehor Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0577 470-524-0689 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 Collec	tod	4	0/07/0004		
							0/27/2021		
				Time Collec	ted:	0	:00		
TO: Co EDD Air Brogram				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:				
Atlanta, GA 30354				Received B	y:	F	IZ		
				Date Recei	ved:	1	1/16/2021		
Sample ID: AK88023				Time Recei	ved:	9	:32 AM		
Facility Name: COBB S2 FB Site ID: S2				Project:		D	ATA STUDY		
Location ID:				Reporting D)ate:	1	2/16/2021		
Location Descr: S2				Received T			1.4 °C		
PARAMET	ER EPA			QUALIFIE	R		ANALYSIS	MCL	. or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1938	74								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9756	ppbV			KL	11/18/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.016	KL	11/18/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.3556	ug/m3			KL	11/18/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0288	KL	11/18/2021		

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

ug/L: micrograms/liter <: less than La mg/L: milligrams/liter MCL: Maximum Contaminant Level RL: Reporting Limit ug/kg: micrograms/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)	aboratory Contacts: Lab Director: Mark Tolbert Inorganics: Kristy Hrehor Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0577 470-524-0689 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	0/31/2021		
				Time Collected:	(0:00		
				Sample Collector:		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:	ŀ	ΗZ		
				Date Received:	1	1/16/2021		
Sample ID: AK88024				Time Received:	ç	9:32 AM		
Facility Name: COVINGTON C2 Site ID: C2				Project:	[DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: C2				Received Temperatu	re: 2	21.7 °C		
PARAMET	ER EPA			QUALIFIER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNI	TS RLA	NAL	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1938)8							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	11.0126	ppbV		KL	11/16/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.1343	ppbV	0.016	KL	11/16/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	78.7733	ug/m3		KL	11/16/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.2421	ug/m3	0.0288	KL	11/16/2021		

COMMENTS: \$ETO received in the lab at 6.5 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)	GC Mass Spec: Ralph	Hrehor470-524-0689Jones470-524-0544Bowman470-524-0639	
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5804 Peachtree Corners East, Norcross, GA 30092-3403 (678) 248-7383

LABORATORY REPORT

				Date Collec	ted:	1	0/28/2021		
				Time Collec			0:00		
				Sample Co		J	. BRYANT		
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring				Chlorinatior		-			
4244 International Pkwy Ste 120				Sample Typ					
Atlanta, GA 30354				Received B		F	łZ		
				Date Recei	,		1/16/2021		
Sample ID: AK88025				Time Recei			:32 AM		
Facility Name: COVINGTON C2 FB					veu.	-	-		
Site ID: C2				Project:			DATA STUDY		
Location ID:				Reporting D			2/16/2021		
Location Descr: C2				Received T	emperat	ure: 2	1.6 °C		
PARAMET				QUALIFIE			ANALYSIS	MCL	
ANALYTE CODE	NOTE METHOD	RESULT	UNI	ſS	RL /	ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 1938	74								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.8026	ppbV			KL	11/18/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.016	KL	11/18/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	70.1181	ug/m3			KL	11/18/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0288	KL	11/18/2021		

COMMENTS: \$ETO received in the lab at 28 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: Kristy Hrehor Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0577 470-524-0689 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

			1					
				Date Collected:	1	0/31/2021		
				Time Collected:	C	: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	1/16/2021		
Sample ID: AK88026				Time Received:	g	:32 AM		
Facility Name: FULTON F2 Site ID: F2				Project:	D	DATA STUDY		
Location ID:				Reporting Date:	1	2/16/2021		
Location Descr: F2				Received Temperate	ure: 1	9.7 °C		
PARAME	TER 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 193	808							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.7653	ppbV		KL	11/16/2021	8 to	12
Ethylene Oxide	EPA TO-15	0.2212	ppbV	0.016	KL	11/16/2021		
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.8513	ug/m3		KL	11/16/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.3987	ug/m3	0.0288	KL	11/16/2021		

COMMENTS: \$ETO received in the lab at 0.8 psi.

ug/L: micrograms/liter<: less than	ver specification Metals: S upper specification Organics: M or Estimated GC Mass Spec: F	Mark Tolbert Kristy Hrehor Shene Jones Mary Bowman Ralph Schulz	470-524-0577 470-524-0689 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 Collec	tod	1	0/27/2021		
				Time Collec			0/27/2021		
						-			
TO: Ga EPD Air Program				Sample Col	lector:	J	. BRYANT		
EPD Air Prot Ambient Monitoring				Chlorination	n:				
4244 International Pkwy Ste 120				Sample Typ	be:				
Atlanta, GA 30354				Received B	y:	F	łΖ		
				Date Receiv	ved:	1	1/16/2021		
Sample ID: AK88027				Time Recei			:32 AM		
Facility Name: FULTON F2 FB					veu.	-	-		
Site ID: F2				Project:		L	DATA STUDY		
Location ID:				Reporting D			2/16/2021		
Location Descr: F2				Received T	emperat	ure: 2	2.9 °C		
PARAMET	ER EPA			QUALIFIE	ER		ANALYSIS	MCL	or
ANALYTE CODE	NOTE METHOD	RESULT	UNIT			ANALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Batch 19387	' 4								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.9630	ppbV			KL	11/18/2021	8 to	12
Ethylene Oxide	EPA TO-15	0	ppbV	ND	0.016	KL	11/18/2021		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	71.2655	ug/m3			KL	11/18/2021	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0	ug/m3	ND	0.0288	KL	11/18/2021		

COMMENTS: \$ETO received in the lab at 28 in Hg.

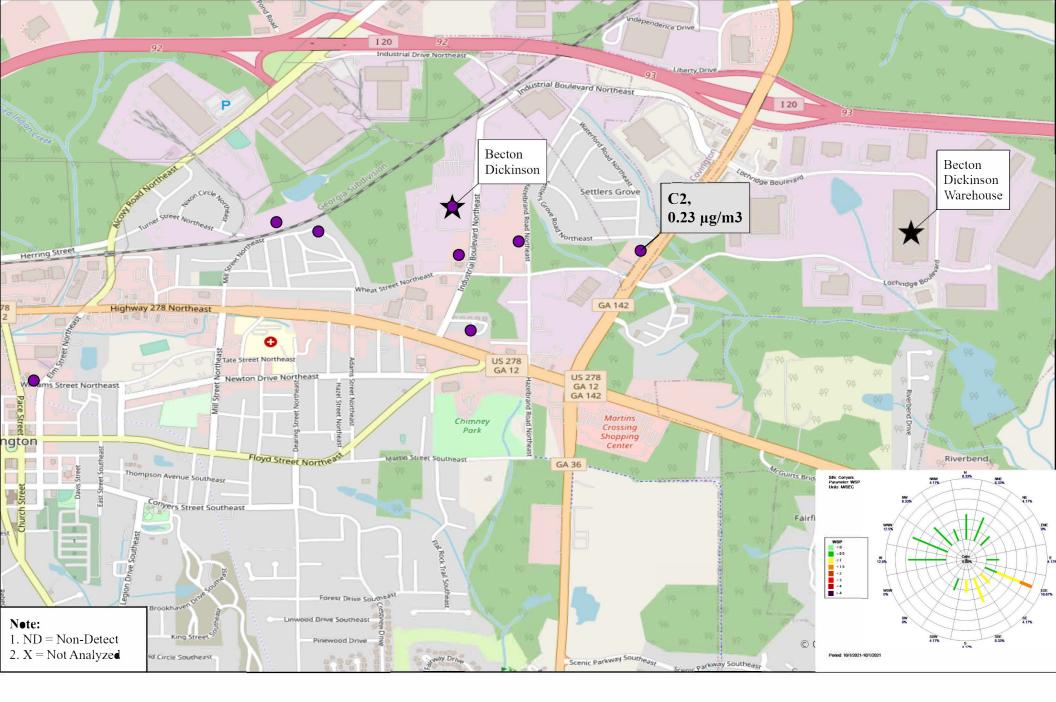
ug/L: micrograms/liter <: less than La mg/L: milligrams/liter MCL: Maximum Contaminant Level RL: Reporting Limit ug/kg: micrograms/kilogram Ug/kg: micrograms/kilogram LSPC: result less than lower specification ug/g: micrograms/gram USPC: result greater than upper specification ppm: parts per million TIE: Tentatively Identified or Estimated org/L: organisms/liter VIOL: Violation (result exceeds MCL)	aboratory Contacts: Lab Director: Mark Tolbert Inorganics: Kristy Hrehor Metals: Shene Jones Organics: Mary Bowman GC Mass Spec: Ralph Schulz Microbiology: Mary Bowman	470-524-0577 470-524-0689 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

Ethylene Oxide COMMENTS: \$ETO received in th		EPA TO-15	0.1219	ug/m3	0.0288	KL	11/2/2021		
Bromofluorobenzene(Surrogate QC S	td.)	EPA TO-15	72.9292	ug/m3		KL	11/2/2021	57.22 to	85.8
ETO Results by EPA Method TO	D-15								
Ethylene Oxide		EPA TO-15	0.0676	ppbV	0.016	KL	11/2/2021		
ETO by EPA Method TO-15 QC Bromofluorobenzene(Surrogate QC S		03 EPA TO-15	10.1956	ppbV		KL	11/2/2021	8 to	1
ANALYTE	PARAMET CODE		RESULT	UNI	QUALIFIER IS RL A	NALY	ANALYSIS ST DATE	MCL QC R	•••
Location Descr:					Received Temperatu	ure: 2	1.9 °C		
Location ID:					Reporting Date:	1	2/16/2021		
Site ID: 013-089-0002					Project:	A	IR		
Facility Name: SOUTH DEKALE	5				Time Received:	1	0:43 AM		
Sample ID: AK88029					Date Received:		1/2/2021		
					Received By:		Z		
4244 International Pkw Atlanta, GA 30354	y Ste 120				Canister Cleaned:	-	0/6/2021		
EPD Air Prot Ambient I					Canister Number:	1	14353		
TO: Ga EPD Air Program					Sample Collector:		I. STREET		
					Time Collected:	-	:00		
					Date Collected:	-	0/31/2021		

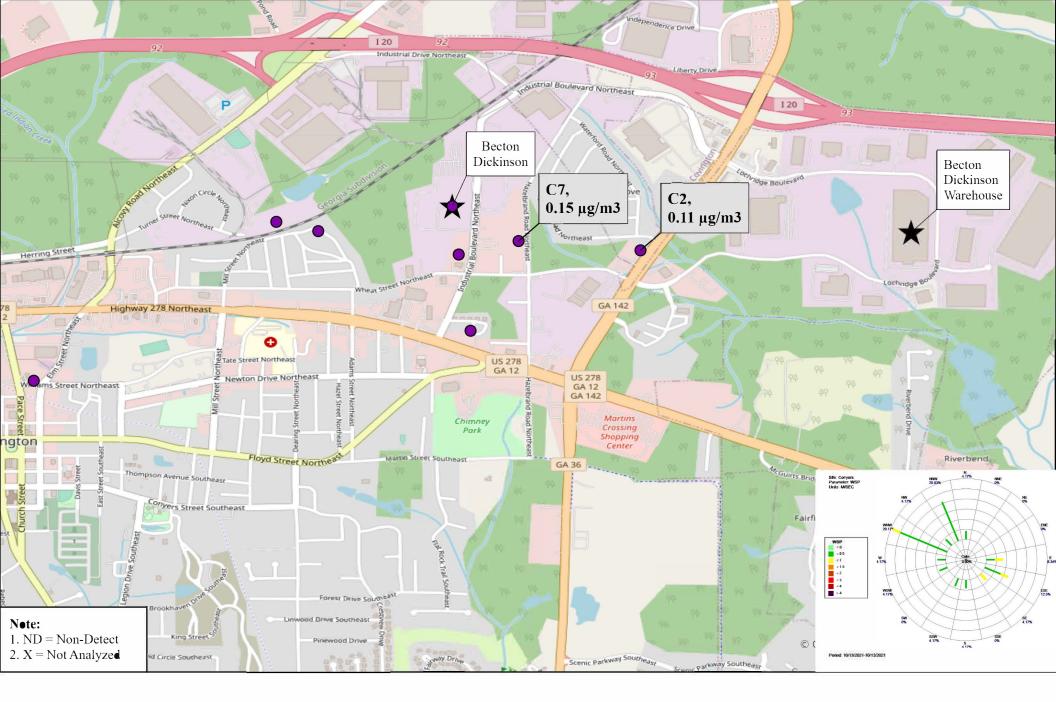
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per million org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Inorganics: Kristy Hrehor 4 Metals: Shene Jones 4 Organics: Mary Bowman 4 GC Mass Spec: Ralph Schulz 4	70-524-0577 70-524-0689 70-524-0544 70-524-0639 70-524-0684 70-524-0684 70-524-0709
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10/01/2021 Sampled By: Georgia Environmental Protection Division Analyzed By: GA EPD Laboratory

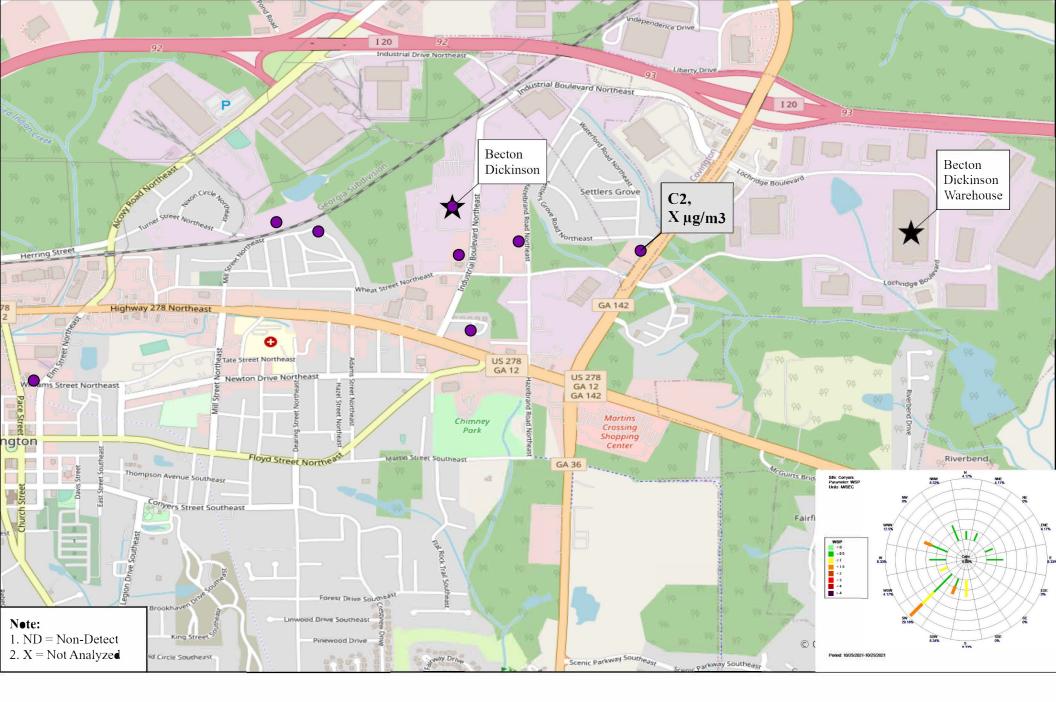






10/13/2021 Sampled By: Georgia Environmental Protection Division Analyzed By: GA EPD Laboratory

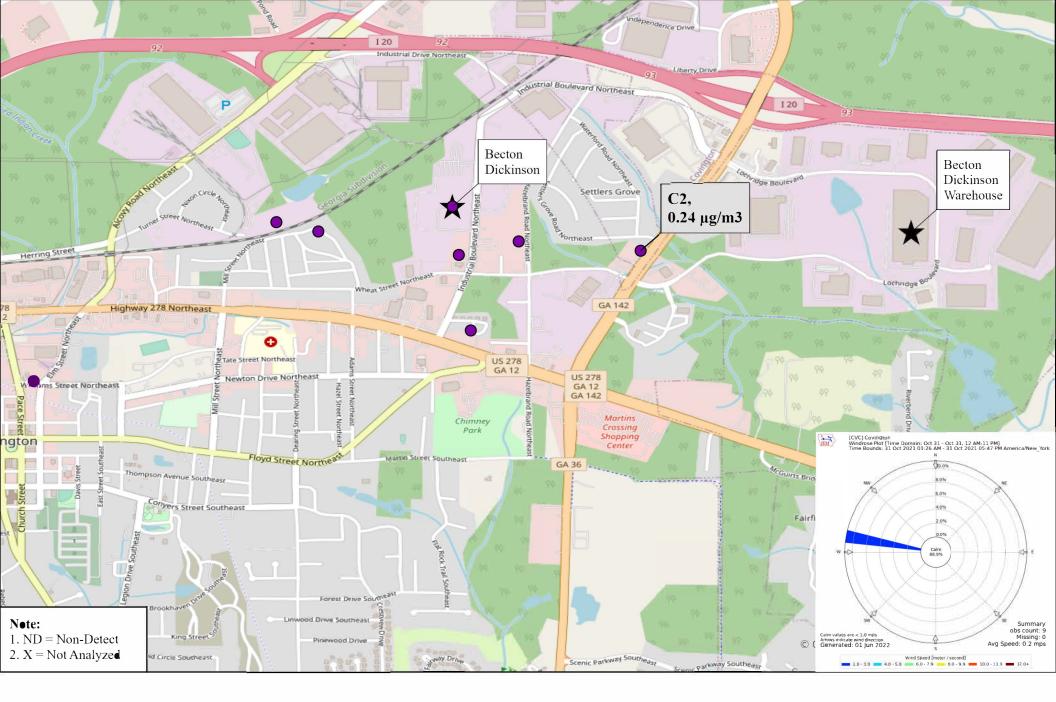






10/25/2021 Sampled By: Georgia Environmental Protection Division Analyzed By: GA EPD Laboratory

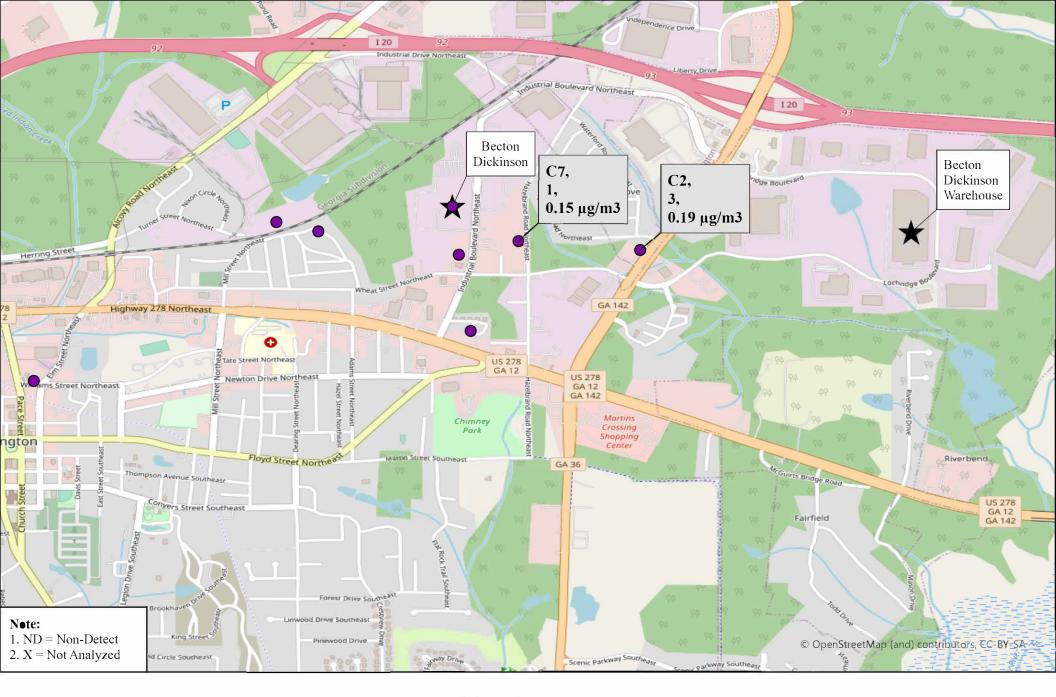


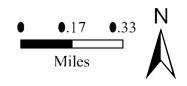




10/31/2021 Sampled By: Georgia Environmental Protection Division Analyzed By: GA EPD Laboratory







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

October 2021 Site Average Values Note: Not detectable values were included in average calculations as a value of 0. Sampled By: Georgia Environmental Protection Division

GEORGIA DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Analyzed By: GA EPD Laboratory