

ENVIRONMENTAL PROTECTION DIVISION

May 3, 2023

Richard E. Dunn, Director

EPD Director's Office

2 Martin Luther King, Jr. Drive Suite 1456, East Tower Atlanta, Georgia 30334 404-656-4713

MEMORANDUM

To: James Boylan, Air Branch Chief

Through: DeAnna Oser, Assistant Branch Chief

From: Jaime Gore, Operations 1 Unit Manager

RE: Fulton – June 10 – June 22, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of June 10 – June 22, 2022, by the Ambient Monitoring Program in the Fulton 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 (μg/m³)
F2	06/10/2022	2	0.20
F2	06/22/2022		0.47
F2-QA	06/10/2022		0.25
F1-SA	06/22/2022		0.29

If you have any questions, please let me know.

JCG

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

LABORATORY REPORT

Date Collected: 6/10/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/21/2022 Sample ID: AL01115 Time Received: 10:33 AM Facility Name: FULTON F2-QA Project: **DATA STUDY** Site ID: F2-QA Reporting Date: Location ID: QCCAN 8/26/2022 Location Descr: Received Temperature: 22.9

-	PARAMETER	EPA		LIFIER				. or	
ANALYTE	CODE NOT	E METHOD	RESULT	UNITS	RL A	NALYST	DAIE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 197220								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.6901	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1396	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	69.3134	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2516	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 5.5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/kilogram 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 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01115 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 0:00 Time Collected: Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/21/2022 Sample ID: AL01116 Time Received: 10:33 AM Facility Name: COBB S2-QA Project: **DATA STUDY** Site ID: S2-QA Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 21.6

ANALYTE	PARAMETER CODE NO	EPA OTE METHOD	RESULT	QUA UNITS	LIFIER RL <i>A</i>		ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 197220								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	10.1850	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0896	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	·15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	72.8534	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1615	ug/m3	0.0418	KL	6/23/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01116 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 0:00 Time Collected: Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/21/2022 Sample ID: AL01117 Time Received: 10:33 AM Facility Name: COBB S2 Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 22.6

ANALYTE		EPA ETHOD RESULT	Q UNITS	UALIFIER RL /	ANALYS	ANALYSIS ST DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	Batch 197220							
Bromofluorobenzene(Surrogate QC Sto	d.) EPA	ГО-15 9.9067	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	EPA ⁻	ГО-15 0.0751	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	-15							
Bromofluorobenzene(Surrogate QC Sto	d.) EPA	ГО-15 70.8627	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	EPA ⁻	ГО-15 0.1354	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01117 Page 1

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

LABORATORY REPORT

Date Collected: 6/4/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114354 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/16/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 6/7/2022 Sample ID: AL01118 Time Received: 11:26 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 19.9

-		ARAMETER EPA		QL	QUALIFIER			NALYSIS		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL .	ANALYST	DATE	QC Ra	ange
ETO by EPA Method TO-15 QC Ba	atch 1969	94								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.8946	ppbV			KL	6/8/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0602	ppbV	SQ	0.0232	KL	6/8/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	70.7762	ug/m3			KL	6/8/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1085	ug/m3	SQ	0.0418	KL	6/8/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)

on

Lab Director: Mark Tolbert Inorganics: Carmen Pyles Metals: Shene Jones Organics: Mary Bowman

Laboratory Contacts:

470-524-0577 470-524-0629 470-524-0544 470-524-0684

GC Mass Spec: Ralph Schulz 470-524-0684 Microbiology: Mary Bowman 470-524-0709

Sample ID: AL01118 Page 1

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

LABORATORY REPORT

	Date Collected:	6/10/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	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
0 1 15 1104440	Date Received:	6/21/2022
Sample ID: AL01119 Facility Name: COVINGTON C2	Time Received:	10:33 AM
Site ID: C2	Project:	DATA STUDY
Location ID:	Reporting Date:	8/26/2022
Location Descr:	Received Temperature:	23.5 °C

ANALYTE	PARAMETER CODE NO	EPA OTE METHOD	RESULT	QUA UNITS	LIFIER RL <i>A</i>		ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 197220								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	10.2235	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0792	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	73.1288	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1428	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 5.5 in Hg.

ug/L: micrograms/liter 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: Inorganics:

Metals:

Organics:

Microbiology:

Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Shene Jones Mary Bowman GC Mass Spec: Ralph Schulz

Mary Bowman

470-524-0544 470-524-0639 470-524-0684 470-524-0709

Sample ID: AL01119 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 0:00 Time Collected: Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/21/2022 Sample ID: AL01120 Time Received: 10:33 AM Facility Name: FULTON F2 Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 21.7

I ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	QUAI UNITS	JFIER RL <i>A</i>	A NALYS1	ANALYSIS DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 197220								
Bromofluorobenzene(Surrogate QC Std	l.) E	PA TO-15	9.8584	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide	E	PA TO-15	0.1083	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.) E	PA TO-15	70.5173	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide	E	PA TO-15	0.1952	ug/m3	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 7.5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/kiler 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 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01120 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 Time Collected: 0:00 Sample Collector: C. KNOX TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/17/2022 Sample ID: AL01121 2:01 PM Time Received: Facility Name: douglas - general coffee Project: **DATA STUDY** Site ID: 013-069-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.4

I ANALYTE	PARAMETER CODE NO	EPA TE METHOD	RESULT	QI UNITS	JALIFIE		-	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 197220									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.9146	ppbV			KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0687	ppbV	SQ	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	70.9192	ug/m3			KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1238	ug/m3	SQ	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 21.8 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 Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01121 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: HΖ Date Received: 6/21/2022 Sample ID: AL01122 Time Received: 10:33 AM Facility Name: COVINGTON C2-QA Project: **DATA STUDY** Site ID: C2-QA Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 21.4

ANALYTE	PARAMETE CODE	ER EPA NOTE METHOD	RESULT	Q Units	UALIFIE		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 19722	20								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	10.3787	ppbV			KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0605	ppbV	SQ	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	74.239	ug/m3			KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1091	ug/m3	SQ	0.0418	KL	6/23/2022		

COMMENTS: \$ETO received in the lab at 5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01122 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114320 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/16/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 6/14/2022 Sample ID: AL01123 Time Received: 10:26 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: QCCAN 8/26/2022 Location Descr: Received Temperature: 24.4

ANALYTE	PARAMETER CODE NO	EPA OTE METHOD	RESULT	QUA UNITS	LIFIER RL <i>A</i>		ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 197082								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.6745	ppbV		KL	6/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1040	ppbV	0.0232	KL	6/16/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	69.2018	ug/m3		KL	6/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1875	ug/m3	0.0418	KL	6/16/2022		

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 Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman Organics: 470-524-0639 GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01123 Page 1

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

LABORATORY REPORT

Date Collected: 6/10/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114322 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/16/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 6/14/2022 Sample ID: AL01129 Time Received: 10:26 AM Facility Name: SOUTH DEKALB QA Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.4

ANALYTE	PARAMETER CODE N	R EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL /	ANALY:	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 197082	<u> </u>							
Bromofluorobenzene(Surrogate QC St		EPA TO-15	9.8634	ppbV		KL	6/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0786	ppbV	0.0232	KL	6/16/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	70.553	ug/m3		KL	6/16/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1417	ug/m3	0.0418	KL	6/16/2022		
ETO NATTS QA Replicate Precis	sion								
Ethylene Oxide		EPA TO-15	13.5	%RPD		KL	6/17/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.8614	ppbV		KL	6/16/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0900	ppbV		KL	6/16/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL01129 Page 1

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

LABORATORY REPORT

Date Collected: 6/16/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 111215 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/31/2022 Atlanta, GA 30354 Received By: KL Date Received: 6/21/2022 Sample ID: AL02171 Time Received: 10:33 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: QCCAN 8/26/2022 Location Descr: Received Temperature: 21.9

ANALYTE	PARAMETER EPA CODE NOTE METHOD RESULT		QUA UNITS	LIFIER RL <i>A</i>	NALYS	ANALYSIS T DATE	MCL or QC Range		
ETO by EPA Method TO-15 QC B	atch 197220								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.8513	ppbV		KL	6/23/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1200	ppbV	0.0232	KL	6/23/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	70.4665	ug/m3		KL	6/23/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2163	ug/m3	0.0418	KL	6/23/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than

MCL: Maximum Contaminant Level

RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman Organics: 470-524-0639 GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02171 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02172 Time Received: 9:32 AM Facility Name: COBB S2 Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.0

ANALYTE	PARAMETER CODE NO	EPA OTE METHOD	RESULT	QUAI UNITS	IFIER RL A	A NALYST	NALYSIS DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	Batch 197354								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.8777	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1753	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	70.6553	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.316	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 6 in Hg.

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

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 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02172 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02173 Time Received: 9:32 AM Facility Name: COVINGTON C2 Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.1

ANALYTE	PARAMETER CODE N	EPA OTE METHOD	RESULT	QUAI UNITS	LIFIER RL A	A NALYST	NALYSIS DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	Batch 197354								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.7538	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1563	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	69.769	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2817	ug/m3	0.0418	KL	7/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/kg: micrograms/gram 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 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02173 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02174 Time Received: 9:32 AM Facility Name: COBB S6-SA Project: **DATA STUDY** Site ID: S6-SA Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.0

F	PARAMETER EPA			QUALIFIER			Į.	NALYSIS	MCL or	
ANALYTE	CODE NOTE METHOD RESULT		RESULT	UNITS	UNITS RL			DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 1973	54								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.9684	ppbV			KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1031	ppbV	2	0.0232	2 KL	7/5/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	71.3041	ug/m3			KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1858	ug/m3	2	0.0418	3 KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 3.5 in Hg. Pressure difference of >3 in Hg between receipt from field and receipt in lab.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)

ion

Lab Director: Mark Tolbert 4
Inorganics: Carmen Pyles 4
Metals: Shene Jones 4
Organics: Mary Bowman 4
Organics: Palab Schulz

Laboratory Contacts:

470-524-0577 470-524-0629 470-524-0544 470-524-0639

GC Mass Spec: Ralph Schulz 470-524-0684 Microbiology: Mary Bowman 470-524-0709

Sample ID: AL02174 Page 1

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

LABORATORY REPORT

Date Collected: 6/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Т Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02175 Time Received: 9:32 AM Facility Name: COVINGTON C2, C3-SA FB Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.5

	PARAMETER EPA CODE NOTE METHOD RESULT			QUALIFIER			-	NALYSIS	S MCL or QC Range	
ANALYTE	CODE	NOIE METHOD	RESULI	UNITS		RL .	ANALYS1	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	Satch 197405	5								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	10.3740	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	KL	7/7/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	74.2053	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL	7/7/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter

<: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02175 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02176 Time Received: 9:32 AM Facility Name: COVINGTON C3-SA Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.1

	PARAMETER EPA			QUA		ANALYSIS	MCL or		
ANALYTE	CODE	CODE NOTE METHOD		UNITS	RL /	ANALYS	T DATE	QC Range	
ETO by EPA Method TO-15 QC B	atch 1973	54							
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	9.7704	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1774	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	69.8878	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.3198	ug/m3	0.0418	KL	7/5/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02176 Page 1

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

LABORATORY REPORT

Date Collected: 6/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Т Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02177 Time Received: 9:32 AM Facility Name: COBB S2, S6-SA, S7-SA FB Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.3

	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE NOTE METHOD RESULT		RESULT	UNITS	UNITS RL			ANALYST DATE		
ETO by EPA Method TO-15 QC I	Batch 1974	05								
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	10.2610	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	. KL	7/7/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	:d.)	EPA TO-15	73.3971	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL.	7/7/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than
MCL: Maximum Contaminant Level
RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02177 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02178 Time Received: 9:32 AM Facility Name: FULTON F2 Project: DATA DTUDY Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.7

	PARAMETER EPA			QUA		ANALYSIS	MCL or		
ANALYTE	CODE NOTE M		RESULT	UNITS	RL A	ANALYS	T DATE	QC Range	
ETO by EPA Method TO-15 QC B	atch 19735	4							
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.7272	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.2634	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	69.5788	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.4748	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter

<: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Page 1 Sample ID: AL02178

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02179 Time Received: 9:32 AM Facility Name: COBB S7-SA Project: **DATA STUDY** Site ID: S7-SA Reporting Date: Location ID: QCCAN 8/26/2022 Location Descr: Received Temperature: 24.7

	PARAMETER EPA			QUA		ANALYSIS	MCL or		
ANALYTE	CODE NO		NOTE METHOD RESULT		RL A	ANALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 1973	54							
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.8128	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1020	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-	·15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	70.1911	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1839	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 6 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02179 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02180 Time Received: 9:32 AM Facility Name: FULTON F1-SA Project: **DATA STUDY** Site ID: F1-SA Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.1

ı	PARAMETER EPA			QUA		ANALYSIS	S MCL or		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS RL		ANALYS	T DATE	QC Range	
ETO by EPA Method TO-15 QC B	atch 19735	54							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.7835	ppbV		KL	7/5/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1587	ppbV	0.0232	KL	7/5/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	69.9815	ug/m3		KL	7/5/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2861	ug/m3	0.0418	KL	7/5/2022		

COMMENTS: \$ETO received in the lab at 5.5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02180 Page 1

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

LABORATORY REPORT

Date Collected: 6/28/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Canister Number: 114375 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/31/2022 Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02181 Time Received: 9:32 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.2

ANALYTE	PARAMETER EPA CODE NOTE METHOD RESUL		RESULT	QUA UNITS	LIFIER RL /	ANALYS	MCL or QC Range		
ETO by EPA Method TO-15 QC B	atch 19740	05							
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.8298	ppbV		KL	7/7/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1327	ppbV	0.0232	KL	7/7/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	70.3127	ug/m3		KL	7/7/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2392	ug/m3	0.0418	KL	7/7/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level

RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) Lab Director: Mar

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02181 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: C KNOX TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: KL Date Received: 7/5/2022 Sample ID: AL02184 Time Received: 11:52 AM Facility Name: General Coffee Project: **DATA STUDY** Site ID: 013-069-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 19.9

-	PARAMETER EPA			QUALIFIER			-	NALYSIS		
ANALYTE	CODE NOTE METHOD		RESULT	UNITS		RL	ANALYS1	QC Range		
ETO by EPA Method TO-15 QC B	atch 19740	05								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.5186	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0919	ppbV	2	0.0232	: KL	7/7/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	68.0867	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1657	ug/m3	2	0.0418	KL	7/7/2022		

COMMENTS: \$ETO received in the lab at 20.4 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02184 Page 1

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

LABORATORY REPORT

Date Collected: 6/21/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Sample Type: Т Atlanta, GA 30354 Received By: KL Date Received: 6/30/2022 Sample ID: AL02185 Time Received: 9:32 AM Facility Name: FULTON F2, F1-SA FB Project: **DATA STUDY** Site ID: Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.2

	PARAMET	ER EPA		QUALIFIER			ANALYSIS		MCL or	
ANALYTE	LYTE CODE NOTE		TE METHOD RESULT		UNITS RL		ANALYS	QC Range		
ETO by EPA Method TO-15 QC E	Batch 1974	05								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	10.3723	ppbV			KL	7/7/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	2 KL	7/7/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	74.1932	ug/m3			KL	7/7/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	3 KL	7/7/2022		

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL) **Laboratory Contacts:**

Lab Director: Mark Tolbert 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02185 Page 1

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

LABORATORY REPORT

Date Collected: 6/22/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114311 **EPD** Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Canister Cleaned: 5/31/2022 Atlanta, GA 30354 Received By: KL 6/24/2022 Date Received: Sample ID: AL02186 Time Received: 9:06 AM Facility Name: SOUTH DEKALB Project: **AIR** Site ID: 013-089-0002 Reporting Date: Location ID: 8/26/2022 Location Descr: Received Temperature: 24.9

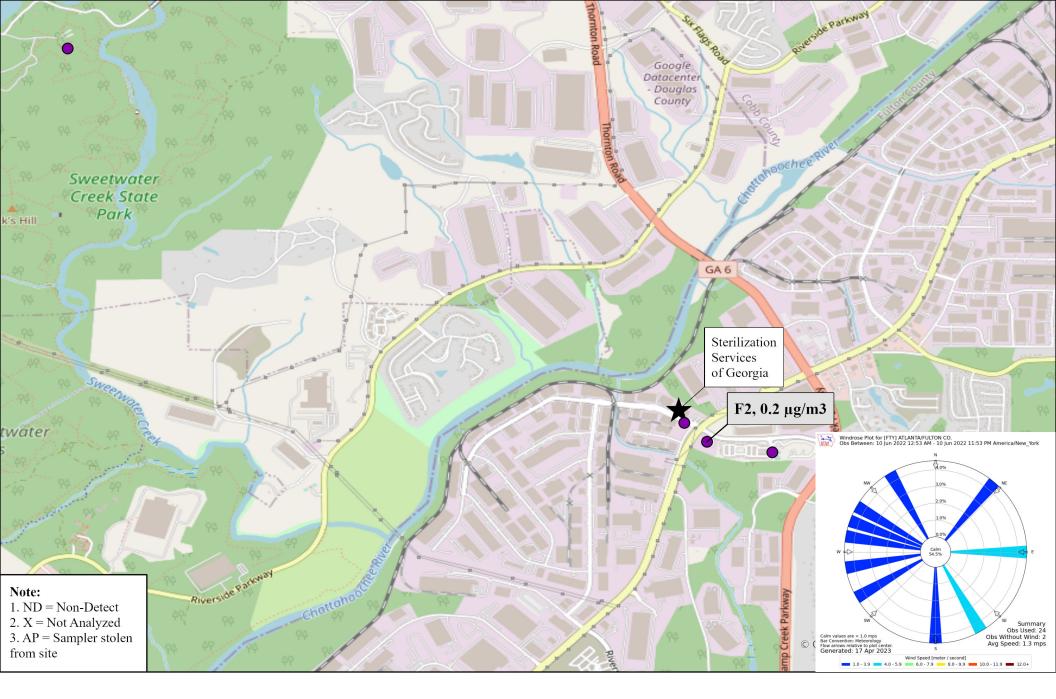
ANALYTE	PARAMETER EPA CODE NOTE METHOD RESU		RESULT	QUA UNITS	QUALIFIER UNITS RL A		ANALYSIS ANALYST DATE		MCL or QC Range	
ETO by EPA Method TO-15 QC B	Batch 1973	09								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	10.1599	ppbV		HZ	6/28/2022	8 to	12	
Ethylene Oxide		EPA TO-15	0.13	ppbV	0.0232	HZ	6/28/2022			
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	72.6739	ug/m3		HZ	6/28/2022	57.22 to	85.84	
Ethylene Oxide		EPA TO-15	0.2343	ug/m3	0.0418	HZ	6/28/2022			
COMMENTS: \$ETO received in the	lab at 5.4 ps	i.								

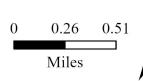
ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter <: less than MCL: Maximum Contaminant Level RL: Reporting Limit

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 470-524-0577 Carmen Pyles 470-524-0629 Inorganics: Metals: Shene Jones 470-524-0544 Mary Bowman 470-524-0639 Organics: GC Mass Spec: Ralph Schulz 470-524-0684 Mary Bowman 470-524-0709 Microbiology:

Sample ID: AL02186 Page 1





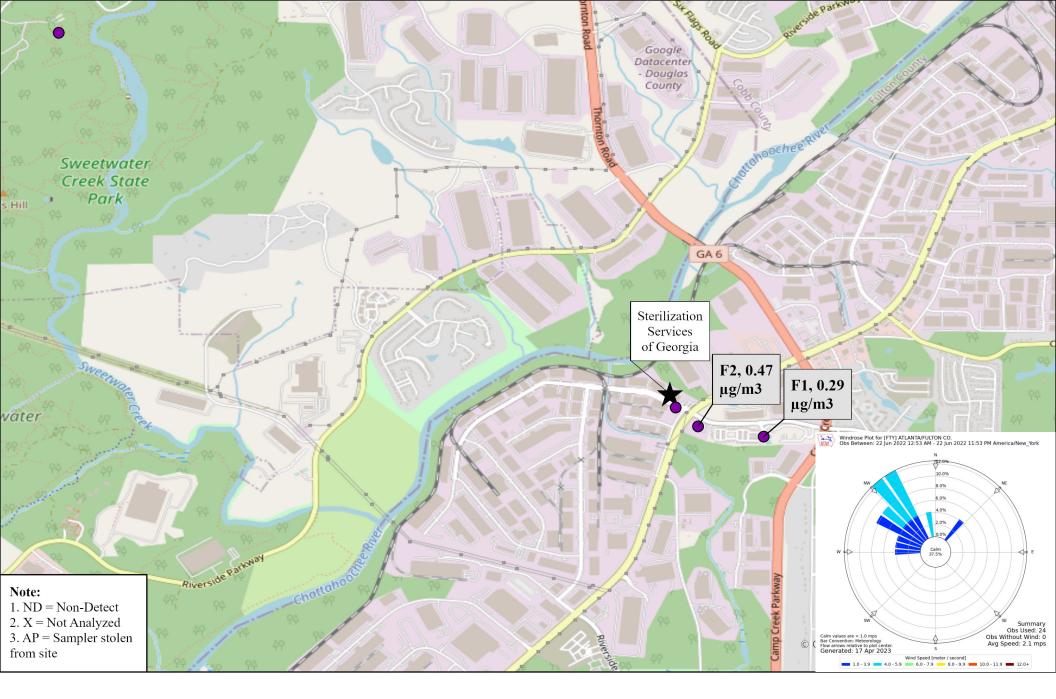
Site ID, Concentration (µg/m3)

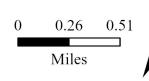
Ethylene Oxide Sampling Fulton County, GA

06/10/2022

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







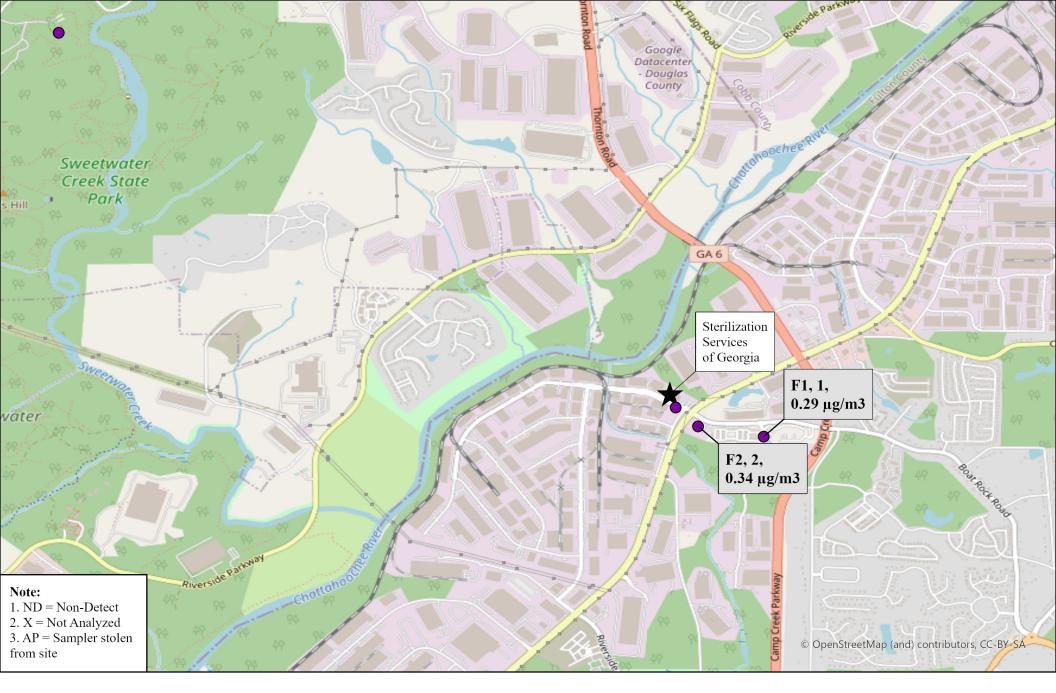
Site ID, Concentration (µg/m3)

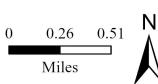
Ethylene Oxide Sampling Fulton County, GA

06/22/2022

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







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

June 2022 Site Average Values

Note: Not detectable values were included in average calculations as a value of 0.

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

