



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

February 28, 2023

MEMORANDUM

To: Karen Hays, Air Branch Chief *KH*

Through: James Boylan, Assistant Branch Chief

Through: DeAnna Oser, Ambient Monitoring Program Manager

From: Jaime Gore, Operations 1 Unit Manager

RE: Cobb – March 6 – March 30, 2022, Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were collected during the period of March 6 – March 30, 2022, by the Ambient Monitoring Program in the Cobb area to characterize the EtO concentration. Each of the samples were sent to the Georgia Environmental Protection Division Laboratory (EPD) for analysis. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The Qualifier code of "DI" indicates the sample was diluted for analysis. The Qualifier code of "3" was given to samples to indicate that integrity of the field data may have been compromised. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised.

Location	Date	Qualifier	EtO Concentration ($\mu\text{g}/\text{m}^3$)
S2	03/06/2022	SQ, 3	0.06
S2	03/18/2022	DI, 2, 3	2.93
S2	03/30/2022	SQ, 3	0.06
S2 QA	03/06/2022	SQ, 3	0.07
S6 SA	03/18/2022		1.43
S7 SA	03/18/2022	2	0.19

If you have any questions, please let me know.

JCG

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK94712 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:14 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 23.6 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7924	ppbV		KL 3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0355	ppbV	SQ 0.0232	KL 3/16/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.0452	ug/m3		KL 3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.064	ug/m3	SQ 0.0418	KL 3/16/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK94713 Facility Name: COVINGTON C2-QA Site ID: C2-QA Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:14 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 20.3 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.5009	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide	EPA TO-15	0.0449	ppbV	SQ	0.0232	KL	3/16/2022
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.96	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15	0.0809	ug/m3	SQ	0.0418	KL	3/16/2022

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
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK94714 Facility Name: FULTON F2-QA Site ID: F2-QA Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:14 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 19.6 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	QUALIFIER UNITS	RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.3632	ppbV		KL 3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.1871	ppbV	0.0232	KL 3/16/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	66.9751	ug/m3		KL 3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3373	ug/m3	0.0418	KL 3/16/2022	

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
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK94715 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:14 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 23.7 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5898	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0671	ppbV	SQ	0.0232	KL	3/16/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.596	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.121	ug/m3	SQ	0.0418	KL	3/16/2022

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

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

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: C. KNOX Chlorination: Sample Type: Received By: HZ
	Date Received: 3/11/2022 Time Received: 8:04 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 20.3 °C
Sample ID: AK94719 Facility Name: DOUGLAS - GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195358									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6114	ppbV		KL	3/11/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0336	ppbV	SQ 2	0.0232	KL	3/11/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.7505	ug/m3		KL	3/11/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0606	ug/m3	SQ 2	0.0418	KL	3/11/2022

COMMENTS: \$ETO received in the lab at 21.4 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:

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 Inorganics: Carmen Pyles 470-524-0629
 Metals: Shene Jones 470-524-0544
 Organics: Mary Bowman 470-524-0639
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114353 Canister Cleaned: 2/7/2022 Received By: HZ
	Date Received: 3/8/2022 Time Received: 11:24 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 19.9 °C
Sample ID: AK94720 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195310									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.0065	ppbV		KL	3/9/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0474	ppbV	SQ 0.0232	KL	3/9/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	64.4236	ug/m3		KL	3/9/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0854	ug/m3	SQ 0.0418	KL	3/9/2022	

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
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 VIOL: Violation (result exceeds MCL)

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 3/15/2022 Time Received: 10:14 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 24.6 °C
Sample ID: AK94722 Facility Name: COBB S2-QA Site ID: S2-QA Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4168	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0399	ppbV	SQ 0.0232	KL	3/16/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.3585	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0719	ug/m3	SQ 0.0418	KL	3/16/2022	

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

ug/L: micrograms/liter
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 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
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 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
 Inorganics: Carmen Pyles 470-524-0629
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 Organics: Mary Bowman 470-524-0639
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK94723 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:49 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 20.14 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4299	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide	EPA TO-15	0.0275	ppbV	SQ	0.0232	KL	3/16/2022
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.4522	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15	0.0496	ug/m3	SQ	0.0418	KL	3/16/2022

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

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022
	Time Collected: 0:00
Sample ID: AK95692 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	Sample Collector: H. STREET
	Canister Number: 114352
	Canister Cleaned: 2/21/2022
	Received By: HZ
	Date Received: 3/22/2022
	Time Received: 11:51 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 23.1 °C

ANALYTE	PARAMETER	EPA				QUALIFIER	ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195515										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.1961	ppbV			KL	3/22/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0385	ppbV	SQ	0.0232	KL	3/22/2022	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.7798	ug/m3			KL	3/22/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0694	ug/m3	SQ	0.0418	KL	3/22/2022	

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
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022
	Time Collected: 0:00
Sample ID: AK95693 Facility Name: FULTON F1-SA Site ID: F1-SA Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/1/2022
	Time Received: 11:18 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 21.6 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195698									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8879	ppbV		KL	4/5/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0284	ppbV	SQ 0.0232	KL	4/5/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.7283	ug/m3		KL	4/5/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0512	ug/m3	SQ 0.0418	KL	4/5/2022	

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

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mg/L: milligrams/liter
mg/kg: milligrams/kilogram
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Sample ID: AK95694 Facility Name: COBB S6-SA Site ID: S6-SA Location ID: Location Descr:	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 20.1 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6270	ppbV		KL 4/5/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.7929	ppbV	0.0232	KL 4/5/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.862	ug/m3		KL 4/5/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	1.4292	ug/m3	0.0418	KL 4/5/2022	

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

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK95695 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr:	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 19.0 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6013	ppbV		KL 4/5/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0443	ppbV	SQ 0.0232	KL 4/5/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.6782	ug/m3		KL 4/5/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0799	ug/m3	SQ 0.0418	KL 4/5/2022	

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)

Laboratory Contacts:

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Metals:	Shene Jones	470-524-0544
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GC Mass Spec:	Ralph Schulz	470-524-0684
Microbiology:	Mary Bowman	470-524-0709

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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/12/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110307 Canister Cleaned: 2/21/2022 Received By: HZ
	Date Received: 3/15/2022 Time Received: 10:14 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 20.6 °C
Sample ID: AK95696 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6258	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0472	ppbV	SQ 0.0232	KL	3/16/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.8535	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0851	ug/m3	SQ 0.0418	KL	3/16/2022	

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

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK95697 Facility Name: COBB S7-SA Site ID: S7-SA Location ID: Location Descr:	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 19.1 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6993	ppbV		KL 4/5/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.1061	ppbV	0.0232	KL 4/5/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.3792	ug/m3		KL 4/5/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1913	ug/m3	0.0418	KL 4/5/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/6/2022 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114322 Canister Cleaned: 2/21/2022 Received By: HZ
	Date Received: 3/8/2022 Time Received: 11:24 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 20.9 °C
Sample ID: AK95698 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195310									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4758	ppbV		KL	3/9/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0651	ppbV	SQ 0.0232	KL	3/9/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.7805	ug/m3		KL	3/9/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1173	ug/m3	SQ 0.0418	KL	3/9/2022	
ETO NATTS QA Replicate Precision									
Ethylene Oxide			EPA TO-15	8.15	%RPD		KL	3/10/2022	25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4138	ppbV		KL	3/9/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0600	ppbV	SQ	KL	3/9/2022	

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
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 Organics: Mary Bowman 470-524-0639
 GC Mass Spec: Ralph Schulz 470-524-0684
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ENVIRONMENTAL PROTECTION DIVISION**

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 23.5 °C
Sample ID: AK95699 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.2786	ppbV		KL	4/6/2022	8 to 12
Ethylene Oxide			EPA TO-15	1.6274	ppbV	DI 0.0464	KL	4/6/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	66.3699	ug/m3		KL	4/6/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	2.9335	ug/m3	DI 0.0836	KL	4/6/2022	

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

COMMENTS: \$ETO - EPA TO-15 - <DI> Sample required dilution due to high levels of Ethylene Oxide, reporting limits elevated due to high levels of target compound in the sample.

COMMENTS: \$ETO-UGM3 - EPA TO-15 - <DI> Sample required dilution due to high levels of Ethylene Oxide, reporting limits elevated due to high levels of target compound in the sample.

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
 Inorganics: Carmen Pyles 470-524-0629
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 Organics: Mary Bowman 470-524-0639
 GC Mass Spec: Ralph Schulz 470-524-0684
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK95704 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr:	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 19.7 °C

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15		9.3734	ppbV		KL	4/5/2022	8 to 12
Ethylene Oxide	EPA TO-15		1.0708	ppbV	0.0232	KL	4/5/2022	
ETO Results by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15		67.048	ug/m3		KL	4/5/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15		1.9302	ug/m3	0.0418	KL	4/5/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022
	Time Collected: 0:00
Sample ID: AK95705 Facility Name: DOUGLAS - GENERAL COFFEE Site ID: 013-069-0002 Location ID: Location Descr:	Sample Collector: C. KNOX
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 3/25/2022
	Time Received: 8:46 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 23.8 °C

ANALYTE	PARAMETER	EPA				QUALIFIER	ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195606										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7929	ppbV			KL	3/29/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0407	ppbV	SQ	0.0232	KL	3/29/2022	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.0487	ug/m3			KL	3/29/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0734	ug/m3	SQ	0.0418	KL	3/29/2022	

COMMENTS: \$ETO received in the lab at 22.6 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
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Metals:	Shene Jones	470-524-0544
Organics:	Mary Bowman	470-524-0639
GC Mass Spec:	Ralph Schulz	470-524-0684
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/18/2022 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
Sample ID: AK95706 Facility Name: COVINGTON C3-SA Site ID: C3-SA Location ID: Location Descr:	Date Received: 4/1/2022 Time Received: 11:18 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 24.5 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195698							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.4884	ppbV		KL	4/5/2022	8 to 12
Ethylene Oxide	EPA TO-15	0.0313	ppbV	SQ	0.0232	KL	4/5/2022
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	67.8706	ug/m3		KL	4/5/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15	0.0564	ug/m3	SQ	0.0418	KL	4/5/2022

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

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

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

Laboratory Contacts:

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/10/2022 Time Collected: 13:15 Sample Collector: H. STREET Canister Number: 114344 Canister Cleaned: 3/2/2022 Received By: HZ
	Date Received: 3/15/2022 Time Received: 10:14 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 20.4 °C
Sample ID: AK96177 Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	8.9019	ppbV		KL	3/16/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0335	ppbV	SQ 0.0232	KL	3/16/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	63.6754	ug/m3		KL	3/16/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0604	ug/m3	SQ 0.0418	KL	3/16/2022	

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

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

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

Laboratory Contacts:

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/10/2022
	Time Collected: 13:15
Sample ID: AK96178 Facility Name: SOUTH DEKALB QA timer Site ID: 013-089-0002 Location ID: Location Descr:	Sample Collector: H. STREET
	Canister Number: 114375
	Canister Cleaned: 3/2/2022
	Received By: HZ
	Date Received: 3/15/2022
	Time Received: 10:14 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 22.9 °C

ANALYTE	PARAMETER		EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE	METHOD		UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195427										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	8.8417	ppbV		KL	3/16/2022	8 to	12
Ethylene Oxide			EPA TO-15	0.0459	ppbV	SQ 0.0232	KL	3/16/2022		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	63.2448	ug/m3		KL	3/16/2022	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.0827	ug/m3	SQ 0.0418	KL	3/16/2022		

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/10/2022 Time Collected: 13:15 Sample Collector: H. STREET Canister Number: 114320 Canister Cleaned: 3/2/2022 Received By: HZ
	Date Received: 3/15/2022 Time Received: 10:14 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 19.5 °C
Sample ID: AK96179 Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.3024	ppbV		KL	3/17/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0688	ppbV	SQ 0.0232	KL	3/17/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	66.5402	ug/m3		KL	3/17/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.124	ug/m3	SQ 0.0418	KL	3/17/2022	

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

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/10/2022 Time Collected: 13:15 Sample Collector: H. STREET Canister Number: 114310 Canister Cleaned: 3/2/2022 Received By: HZ
Sample ID: AK96180 Facility Name: SOUTH DEKALB QA no timer Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 3/15/2022 Time Received: 10:14 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 20.1 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195427							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.2902	ppbV		KL	3/17/2022	8 to 12
Ethylene Oxide	EPA TO-15	0.0768	ppbV	0.0232	KL	3/17/2022	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.4529	ug/m3		KL	3/17/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15	0.1384	ug/m3	0.0418	KL	3/17/2022	

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

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

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

Laboratory Contacts:

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET Canister Number: 114341 Canister Cleaned: 3/2/2022 Received By: HZ
Sample ID: AK96181 Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 3/16/2022 Time Received: 11:02 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 19.6 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195482							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.6820	ppbV		KL	3/18/2022	8 to 12
Ethylene Oxide	EPA TO-15	0.0296	ppbV	SQ	0.0232	KL	3/18/2022
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	69.2555	ug/m3		KL	3/18/2022	57.22 to 85.84
Ethylene Oxide	EPA TO-15	0.0534	ug/m3	SQ	0.0418	KL	3/18/2022

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET Canister Number: 110337 Canister Cleaned: 3/2/2022 Received By: HZ
	Date Received: 3/16/2022 Time Received: 11:02 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 23.5 °C
Sample ID: AK96182 Facility Name: SOUTH DEKALB QA timer Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195482									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4626	ppbV		KL	3/18/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0673	ppbV	SQ 0.0232	KL	3/18/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.6861	ug/m3		KL	3/18/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1213	ug/m3	SQ 0.0418	KL	3/18/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET Canister Number: 114392 Canister Cleaned: 3/2/2022 Received By: HZ
Sample ID: AK96183 Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 3/16/2022 Time Received: 11:02 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 21.5 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195482							
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	9.0448	ppbV		KL 3/18/2022	8 to 12
Ethylene Oxide		EPA TO-15	0.0409	ppbV	SQ 0.0232	KL 3/18/2022	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	64.6976	ug/m3		KL 3/18/2022	57.22 to 85.84
Ethylene Oxide		EPA TO-15	0.0737	ug/m3	SQ 0.0418	KL 3/18/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/14/2022 Time Collected: 11:45 Sample Collector: H. STREET Canister Number: 114331 Canister Cleaned: 3/2/2022 Received By: HZ
Sample ID: AK96184 Facility Name: SOUTH DEKALB QA no timer Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 3/16/2022 Time Received: 11:02 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 24.1 °C

ANALYTE	PARAMETER CODE NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195482							
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	9.1250	ppbV		KL 3/18/2022	8 to 12
Ethylene Oxide		EPA TO-15	0.0526	ppbV	SQ 0.0232	KL 3/18/2022	
ETO Results by EPA Method TO-15							
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	65.2712	ug/m3		KL 3/18/2022	57.22 to 85.84
Ethylene Oxide		EPA TO-15	0.0948	ug/m3	SQ 0.0418	KL 3/18/2022	

COMMENTS: \$ETO received in the lab at 3.5 in Hg.

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

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

Laboratory Contacts:

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/16/2022 Time Collected: 9:20 Sample Collector: H. STREET Canister Number: 110325 Canister Cleaned: 3/8/2022 Received By: HZ
	Date Received: 3/22/2022 Time Received: 11:51 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 21.7 °C
Sample ID: AK96295 Facility Name: SOUTH DEKALB timer Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195515									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4678	ppbV		KL	3/22/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0398	ppbV	SQ 0.0232	KL	3/22/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.7233	ug/m3		KL	3/22/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0717	ug/m3	SQ 0.0418	KL	3/22/2022	

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

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ENVIRONMENTAL PROTECTION DIVISION**

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/16/2022
	Time Collected: 9:20
Sample ID: AK96296 Facility Name: SOUTH DEKALB QA timer Site ID: 013-089-0002 Location ID: Location Descr:	Sample Collector: H. STREET
	Canister Number: 110255
	Canister Cleaned: 3/8/2022
	Received By: HZ
	Date Received: 3/22/2022
	Time Received: 11:51 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 20.9 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195515									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4466	ppbV		KL	3/22/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0520	ppbV	SQ	0.0232	KL	3/22/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.5716	ug/m3		KL	3/22/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0937	ug/m3	SQ	0.0418	KL	3/22/2022

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/16/2022
	Time Collected: 9:20
Sample ID: AK96297 Facility Name: SOUTH DEKALB no timer Site ID: 013-089-0002 Location ID: Location Descr:	Sample Collector: H. STREET
	Canister Number: 110343
	Canister Cleaned: 3/8/2022
	Received By: HZ
	Date Received: 3/22/2022
	Time Received: 11:51 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 21.7 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195515									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.2010	ppbV		KL	3/22/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0434	ppbV	SQ	0.0232	KL	3/22/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.8149	ug/m3		KL	3/22/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0782	ug/m3	SQ	0.0418	KL	3/22/2022

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/16/2022 Time Collected: 9:20 Sample Collector: H. STREET Canister Number: 86335 Canister Cleaned: 3/8/2022 Received By: HZ
	Date Received: 3/22/2022 Time Received: 11:51 AM Project: AIR Reporting Date: 5/24/2022 Received Temperature: 20.3 °C
Sample ID: AK96298 Facility Name: SOUTH DEKALB QA no timer Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195515									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.2713	ppbV		KL	3/22/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0579	ppbV	SQ 0.0232	KL	3/22/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	66.3177	ug/m3		KL	3/22/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1044	ug/m3	SQ 0.0418	KL	3/22/2022	

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

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

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

Laboratory Contacts:

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/29/2022
	Time Collected: 0:00
Sample ID: AK96405 Facility Name: COBB S2 FB Site ID: S2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/13/2022
	Time Received: 11:51 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 24.5 °C

ANALYTE	PARAMETER	EPA	QUALIFIER			ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195920									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.9601	ppbV		KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND 0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.2447	ug/m3		KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND 0.0418	KL	4/19/2022	

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

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/30/2022
	Time Collected: 0:00
Sample ID: AK96406 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/13/2022
	Time Received: 11:51 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 22.9 °C

ANALYTE	PARAMETER	EPA				QUALIFIER	ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195920										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6095	ppbV			KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0358	ppbV	SQ	0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.7369	ug/m3			KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0645	ug/m3	SQ	0.0418	KL	4/19/2022	

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

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/28/2022
	Time Collected: 0:00
Sample ID: AK96407 Facility Name: COVINGTON C2 FB Site ID: C2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/14/2022
	Time Received: 11:50 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 21.6 °C

ANALYTE	PARAMETER	EPA				QUALIFIER	ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195920										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7457	ppbV			KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.7111	ug/m3			KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022	

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:

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Organics:	Mary Bowman	470-524-0639
GC Mass Spec:	Ralph Schulz	470-524-0684
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ENVIRONMENTAL PROTECTION DIVISION**

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/30/2022
	Time Collected: 0:00
Sample ID: AK96408 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/14/2022
	Time Received: 11:51 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 23.2 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER	ANALYSIS	MCL or			
	CODE	NOTE		METHOD	UNITS		RL	ANALYST	DATE
ETO by EPA Method TO-15 QC Batch 195920									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.1754	ppbV		KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0773	ppbV	0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	65.6317	ug/m3		KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1393	ug/m3	0.0418	KL	4/19/2022	

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
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Metals:	Shene Jones	470-524-0544
Organics:	Mary Bowman	470-524-0639
GC Mass Spec:	Ralph Schulz	470-524-0684
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ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/30/2022
	Time Collected: 0:00
Sample ID: AK96409 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/14/2022
	Time Received: 11:51 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 21.9 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195920									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4586	ppbV		KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0565	ppbV	SQ 0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.6575	ug/m3		KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1018	ug/m3	SQ 0.0418	KL	4/19/2022	

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

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ENVIRONMENTAL PROTECTION DIVISION**

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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/29/2022
	Time Collected: 0:00
Sample ID: AK96410 Facility Name: FULTON F2 FB Site ID: F2 Location ID: Location Descr:	Sample Collector: J. BRYANT
	Chlorination:
	Sample Type:
	Received By: HZ
	Date Received: 4/14/2022
	Time Received: 11:51 AM
	Project: DATA STUDY
	Reporting Date: 5/24/2022
	Received Temperature: 19.6 °C

ANALYTE	PARAMETER	EPA				QUALIFIER	ANALYSIS		MCL or	
	CODE	NOTE	METHOD	RESULT	UNITS	RL	ANALYST	DATE	QC Range	
ETO by EPA Method TO-15 QC Batch 195920										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7338	ppbV			KL	4/19/2022	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.0232	KL	4/19/2022	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.626	ug/m3			KL	4/19/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0418	KL	4/19/2022	

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

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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/30/2022 Time Collected: 0:00 Sample Collector: C. KNOX Chlorination: Sample Type: Received By: HZ
	Date Received: 4/8/2022 Time Received: 7:51 AM Project: DATA STUDY Reporting Date: 5/24/2022 Received Temperature: 20.3 °C
Sample ID: AK96411 Facility Name: douglas - general coffee Site ID: 013-069-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	NOTE	EPA METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO by EPA Method TO-15 QC Batch 195785									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8688	ppbV		KL	4/8/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0391	ppbV	SQ 2	0.0232	KL	4/8/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.5916	ug/m3		KL	4/8/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0705	ug/m3	SQ 2	0.0418	KL	4/8/2022

COMMENTS: \$ETO received inthe lab at 20.8 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:

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Organics:	Mary Bowman	470-524-0639
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/24/2022
	Time Collected: 0:00
Sample ID: AK96412 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	Sample Collector: H. STREET
	Canister Number: 110259
	Canister Cleaned: 3/7/2022
	Received By: HZ
	Date Received: 3/28/2022
	Time Received: 10:57 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 20.1 °C

ANALYTE	PARAMETER	EPA	RESULT	QUALIFIER		ANALYSIS		MCL or	
	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195606									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8340	ppbV		KL	3/29/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0458	ppbV	SQ	0.0232	KL	3/29/2022
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.3427	ug/m3		KL	3/29/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0826	ug/m3	SQ	0.0418	KL	3/29/2022

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

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ENVIRONMENTAL PROTECTION DIVISION**

5804 Peachtree Corners East, Norcross, GA 30092-3403
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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 3/30/2022
	Time Collected: 0:00
Sample ID: AK96413 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Sample Collector: H. STREET
	Canister Number: 110315
	Canister Cleaned: 3/7/2022
	Received By: HZ
	Date Received: 4/1/2022
	Time Received: 11:18 AM
	Project: AIR
	Reporting Date: 5/24/2022
	Received Temperature: 20.5 °C

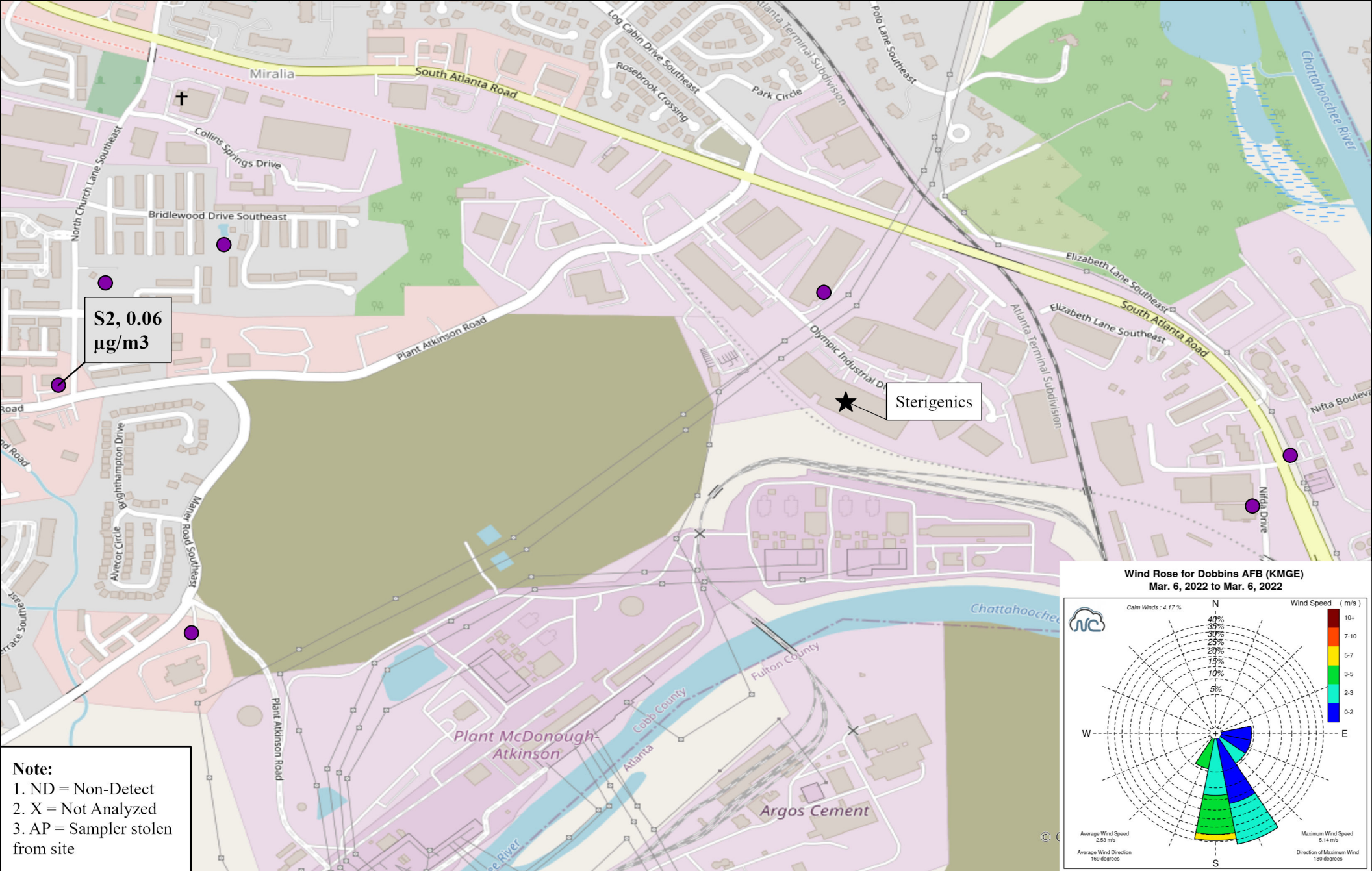
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	CODE	NOTE		METHOD	UNITS	RL	ANALYST	DATE	QC Range
ETO by EPA Method TO-15 QC Batch 195652									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5182	ppbV		KL	4/1/2022	8 to 12
Ethylene Oxide			EPA TO-15	0.0756	ppbV	0.0232	KL	4/1/2022	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.0838	ug/m3		KL	4/1/2022	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1363	ug/m3	0.0418	KL	4/1/2022	
COMMENTS: \$ETO received in the lab at 5 psi.									

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

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0 0.08 0.17
Miles



Ethylene Oxide Sampling
Cobb County, GA

03/06/2022

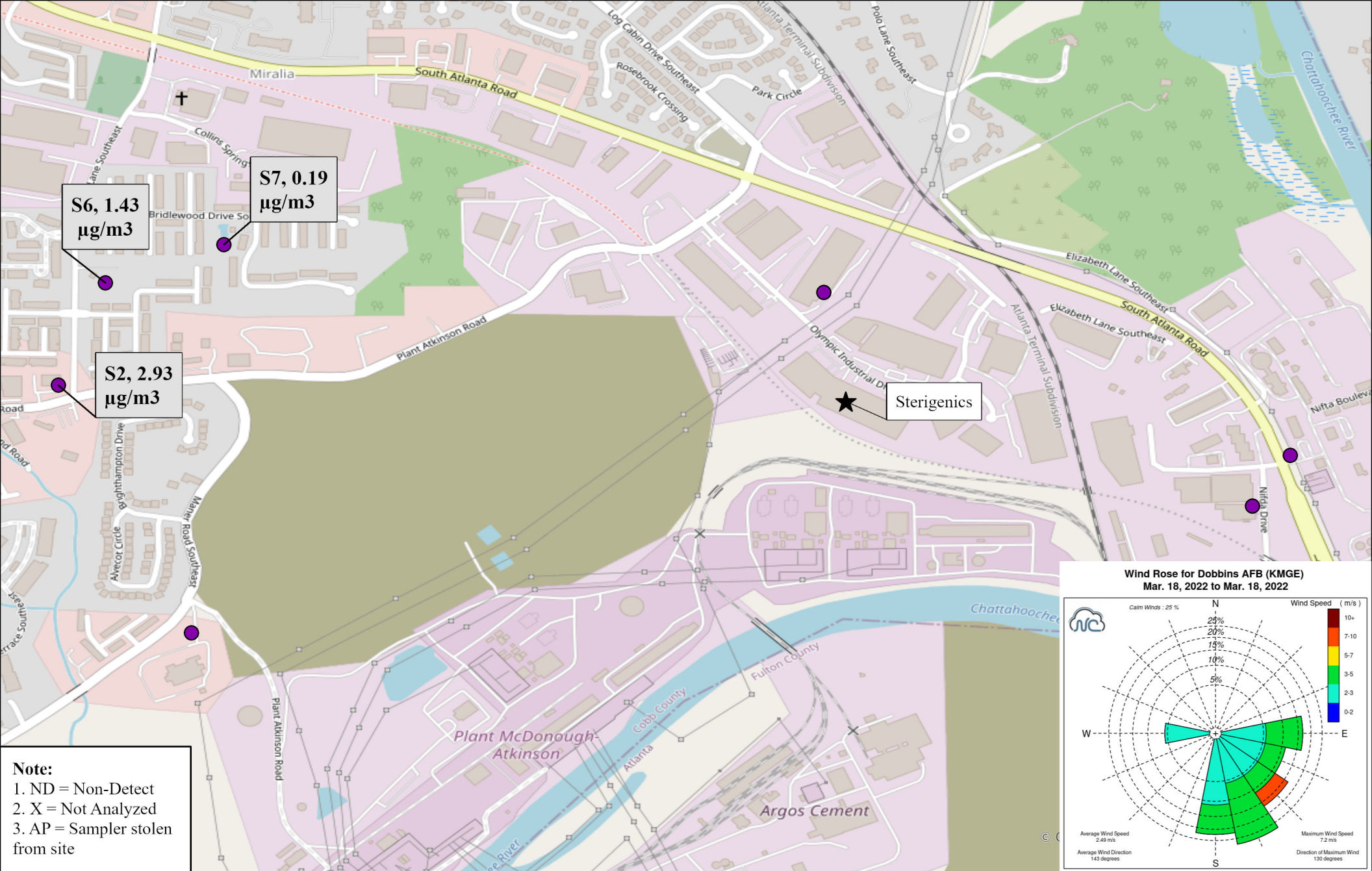
Sampled By: Georgia Environmental Protection Division

Analyzed By: Georgia Environmental Protection Division



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ENVIRONMENTAL PROTECTION DIVISION



0 0.08 0.17
 Miles



Site ID, Concentration ($\mu\text{g}/\text{m}^3$)

Ethylene Oxide Sampling
 Cobb County, GA

03/18/2022

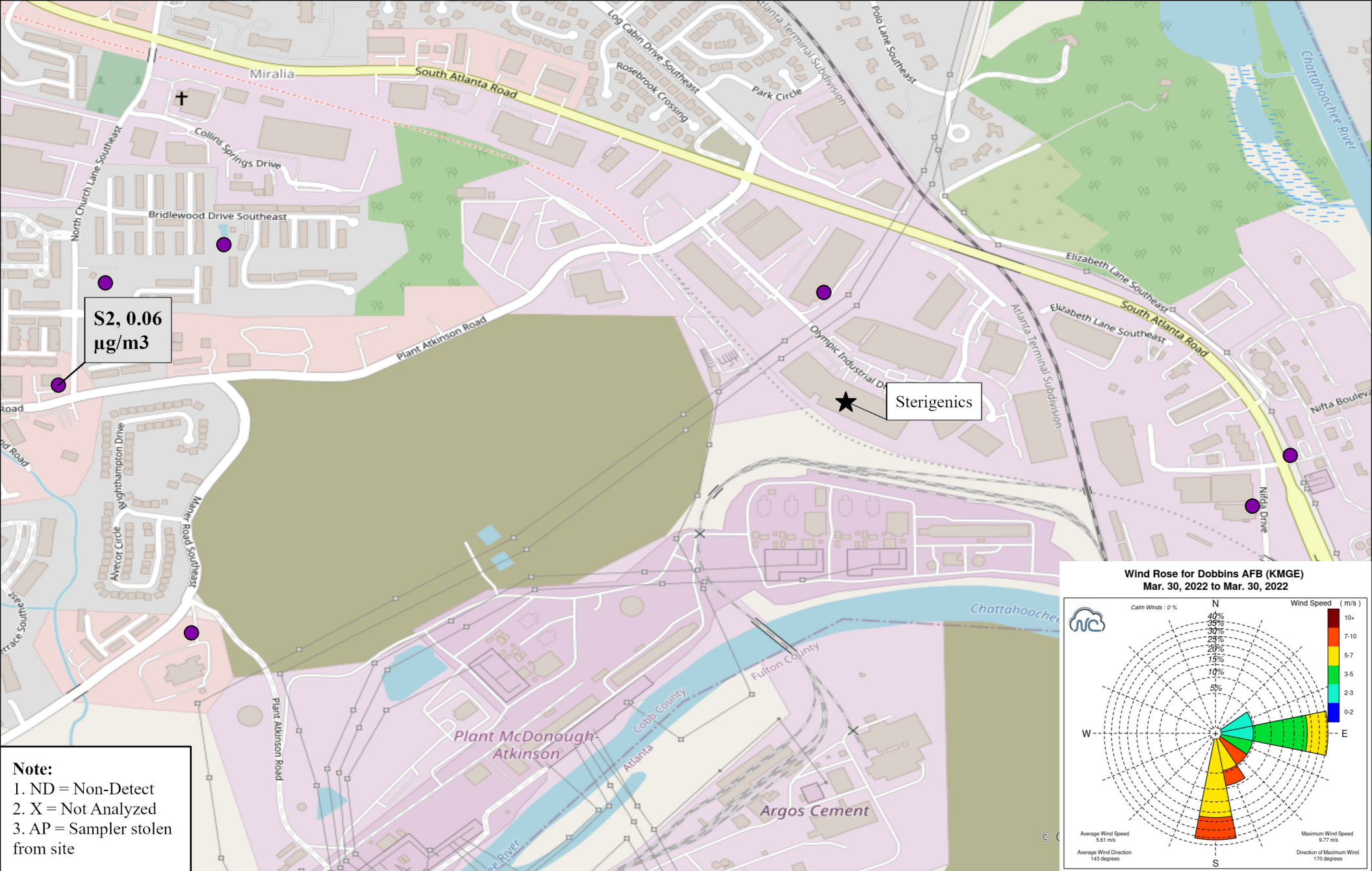
Sampled By: Georgia Environmental Protection Division

Analyzed By: Georgia Environmental Protection Division



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ENVIRONMENTAL PROTECTION DIVISION



0 0.08 0.17
Miles



Ethylene Oxide Sampling
Cobb County, GA

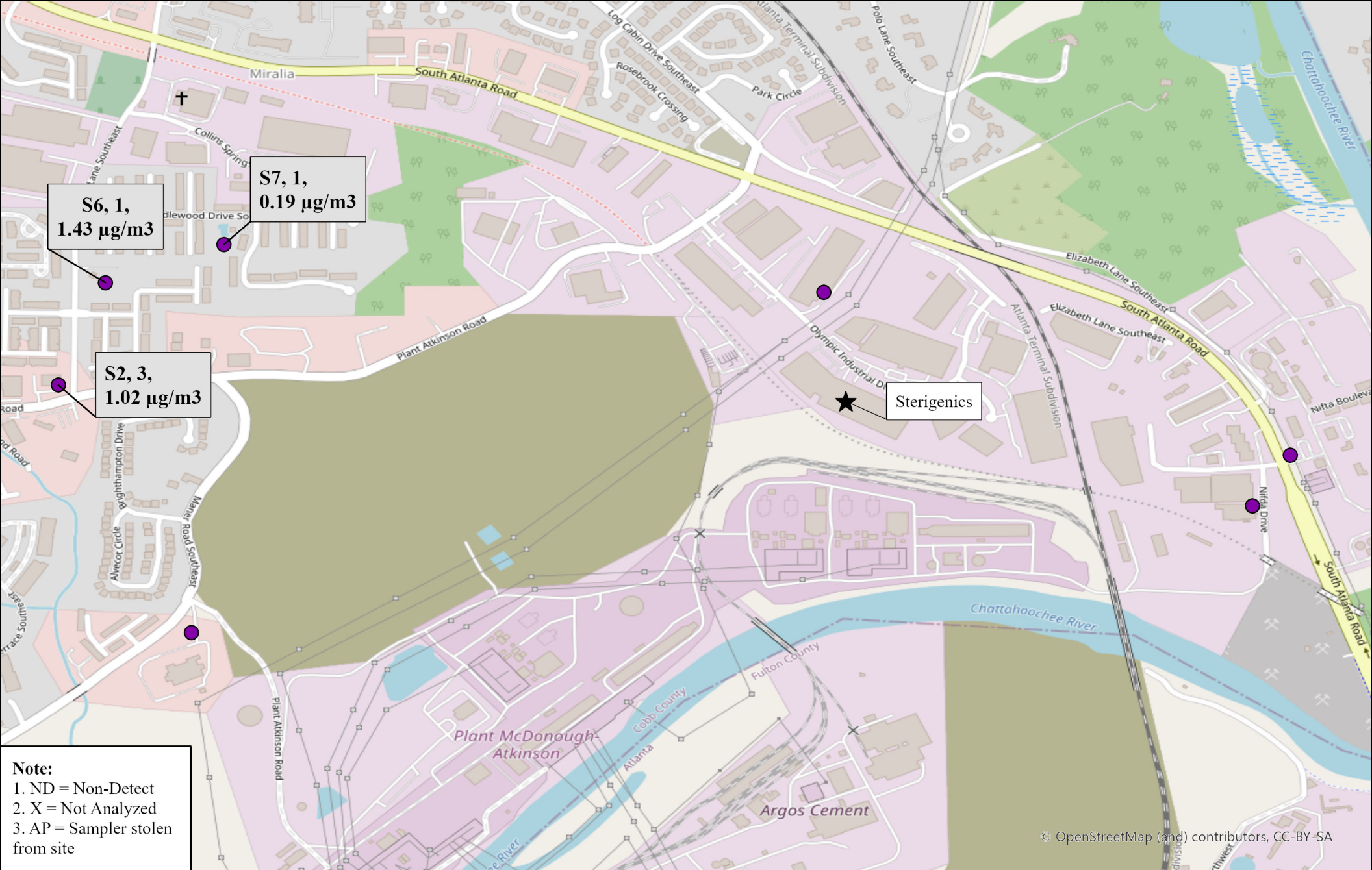
03/30/2022

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



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0 0.08 0.17
 Miles



Ethylene Oxide Sampling
 Cobb County, GA

March 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



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