

November 28, 2022

MEMORANDUM

To: Karen Hays, Air Branch Chief *KH*

Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: South DeKalb January – October 2021 GA EPD Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were taken at our South DeKalb monitoring station January - October 2021 and analyzed by the Georgia Environmental Protection Laboratory (GA EPD Lab). Samples were collected on the passive sampling system as well as the pressurized (ATEC) sampling system for comparison purposes to the analyses by Eastern Research Group (ERG). This comparison is part of the Community Scales Air Toxics Monitoring Grant awarded to Georgia EPD by EPA for evaluating new technologies for ethylene oxide measurement for samples collected through October 31, 2021. The comparisons will be published in the final report for this grant. The Qualifier code of "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised. The Qualifier codes of "1" and "6" were added to data because the pressurized system samplers used for collection had not been verified against an ethylene oxide standard prior to sampling. The Qualifier code of "LK" was given by ERG to indicate that the sample may be biased high – these cans were reanalyzed by GA EPD Lab for comparison analysis on the same can. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The sample listed as BI indicates the sample was damaged in transit. The samples listed as AF indicate that the sample was scheduled but not collected. The sample listed as AL indicated the operator voided the sample.

Location	Date	Qualifier	EtO Concentration ($\mu\text{g}/\text{m}^3$)
South DeKalb	01/10/2021	SQ, 2	0.045
South DeKalb	01/16/2021	SQ, 2	0.09
South DeKalb	01/22/2021	SQ, 2	0.09
South DeKalb	01/28/2021	SQ, 2	0.08
South DeKalb	02/03/2021		BI
South DeKalb	02/09/2021	SQ	0.08
South DeKalb	02/15/2021	SQ, 2	0.06
South DeKalb ATEC	02/21/2021	1, 6, 2, LK	0.57
South DeKalb	02/21/2021	2	0.26
South DeKalb	02/27/2021	2, LK	0.50
South DeKalb	02/27/2021	SQ, 2	0.08
South DeKalb ATEC	03/05/2021		AF
South DeKalb	03/11/2021		0.30

South DeKalb	03/17/2021			0.15
South DeKalb	03/23/2021	2		0.14
South DeKalb	03/29/2021			0.36
South DeKalb	04/04/2021			0.32
South DeKalb ATEC	04/10/2021	2, 1, 6		0.19
South DeKalb	04/10/2021	2		0.19
South DeKalb	04/16/2021			0.34
South DeKalb	04/22/2021	2		0.26
South DeKalb	04/28/2021	2		0.31
South DeKalb ATEC	05/04/2021	1, 6		0.80
South DeKalb	05/04/2021			AL
South DeKalb ATEC	05/10/2021	1, 6, 2		0.58
South DeKalb	05/10/2021			0.23
South DeKalb	05/10/2021			AL
South DeKalb	05/16/2021			AL
South DeKalb	05/22/2021	2		0.62
South DeKalb	05/28/2021	2		0.42
South DeKalb	06/03/2021	2		0.27
South DeKalb	06/09/2021	2		0.19
South DeKalb	06/15/2021	2		0.38
South DeKalb	06/21/2021	2		0.18
South DeKalb	06/27/2021	2		0.14
South DeKalb	07/03/2021	2		0.17
South DeKalb	07/09/2021			AL
South DeKalb	07/15/2021	2		0.9
South DeKalb	07/21/2021	2		0.9
South DeKalb	07/27/2021			AA
South DeKalb	08/02/2021	2		0.53
South DeKalb	08/8/2021	2		0.59
South DeKalb	08/14/2021			AN
South DeKalb	08/20/2021	2		0.26
South DeKalb	08/26/2021	2		0.21
South DeKalb	09/01/2021			0.19
South DeKalb	09/07/2021			AF
South DeKalb	09/13/2021	2		0.29
South DeKalb	09/19/2021			AF
South DeKalb	09/25/2021			0.33
South DeKalb	10/01/2021			0.30
South DeKalb ATEC	10/01/2021			0.41
South DeKalb	10/07/2021			AF
South DeKalb	10/09/2021			0.31
South DeKalb	10/13/2021			AF
South DeKalb	10/19/2021			0.39
South DeKalb	10/21/2021			0.37
South DeKalb	10/25/2021			0.29
South DeKalb	10/31/2021			0.12

If you have any questions, please let me know.

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

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 1/10/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 35651 Canister Cleaned: 12/7/2020 Received By: KL
	Date Received: 1/20/2021 Time Received: 11:06 AM Project: AIR Reporting Date: 3/12/2021 Received Temperature: 21.6 °C
Sample ID: AK65738 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO Data Study by Canister & GC/MS QC Batch 188747										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.9496	ppbV	2		KL	1/22/2021	8 to 12
Ethylene Oxide		EPA TO-15		0.0251	ppbV	SQ 2	0.016	KL	1/22/2021	
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		71.1696	ug/m3	2		KL	1/22/2021	57.22 to 85.84
Ethylene Oxide		EPA TO-15		0.0452	ug/m3	SQ 2	0.0288	KL	1/22/2021	

COMMENTS: \$ETO received in the lab at 0.6 psi. Pressure change 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 678-248-7388
 Inorganics: Kristy Hrehor 678-248-7450
 Metals: Shene Jones 678-248-7440
 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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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: 1/16/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 86335 Canister Cleaned: 12/29/2020 Received By: KL Date Received: 1/26/2021 Time Received: 10:39 AM Project: AIR Reporting Date: 3/12/2021 Received Temperature: 19.2 °C
Sample ID: AK66956 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 188795										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.0112	ppbV	2	KL	1/26/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0494	ppbV	SQ 2 0.016	KL	1/26/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	64.4572	ug/m3	2	KL	1/26/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.089	ug/m3	SQ 2 0.0288	KL	1/26/2021		

COMMENTS: \$ETO received in the lab at 1 psi. Pressure change of >0.5 psi between receipt from field and receipt in lab.

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 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
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 org/L: organisms/liter

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 LSPC: result less than lower 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: 1/22/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114321 Canister Cleaned: 12/29/2020 Received By: KL Date Received: 2/1/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 3/12/2021 Received Temperature: 21.1 °C
Sample ID: AK66957 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO Data Study by Canister & GC/MS QC Batch 188909										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		10.0857	ppbV			KL	2/2/2021	8 to 12
Ethylene Oxide		EPA TO-15		0.0499	ppbV	SQ	0.016	KL	2/2/2021	
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		72.1431	ug/m3			KL	2/2/2021	57.22 to 85.84
Ethylene Oxide		EPA TO-15		0.0899	ug/m3	SQ	0.0288	KL	2/2/2021	

COMMENTS: \$ETO received in the lab at 0 in Hg.

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 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
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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: 1/28/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 111205 Canister Cleaned: 1/14/2021 Received By: HZ Date Received: 2/5/2021 Time Received: 9:46 AM Project: AIR Reporting Date: 3/12/2021 Received Temperature: 20.1 °C
Sample ID: AK67640 Facility Name: SOUTH DEKALB ETO Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189015										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7246	ppbV		KL	2/8/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0419	ppbV	SQ 2 0.016	KL	2/8/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.5602	ug/m3		KL	2/8/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.0755	ug/m3	SQ 2 0.0288	KL	2/8/2021		

COMMENTS: \$ETO received in the lab at 0.6 psi. Pressure change of >0.5 psi between receipt from field and receipt in lab.

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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: 2/3/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114370 Canister Cleaned: 1/14/2021 Received By: HZ
	Date Received: 2/11/2021 Time Received: 10:23 AM Project: AIR Reporting Date: 4/15/2021 Received Temperature: 21.6 °C
Sample ID: AK67641 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	AQ	ppbV			KL	2/11/2021	8 to	12
Ethylene Oxide		EPA TO-15	AQ	ppbV		0.016	KL	2/11/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	AQ	ug/m3			KL	2/11/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15	AQ	ug/m3		0.0288	KL	2/11/2021		

COMMENTS: \$ETO received in the lab at 0 in Hg. Canister valve open upon receipt in lab.

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 mg/kg: milligrams/kilogram
 ug/kg: micrograms/kilogram
 ug/g: micrograms/gram
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 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: 2/9/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114393 Canister Cleaned: 1/14/2021 Received By: HZ
	Date Received: 2/17/2021 Time Received: 2:19 PM Project: AIR Reporting Date: 4/15/2021 Received Temperature: 20.6 °C
Sample ID: AK67642 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189217										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8168	ppbV		KL	2/18/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0439	ppbV	SQ 2 0.016	KL	2/18/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.2197	ug/m3		KL	2/18/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.0791	ug/m3	SQ 2 0.0288	KL	2/18/2021		

COMMENTS: \$ETO received in the lab at 0 in Hg. Pressure change of >1 in Hg between receipt from field and receipt in lab.

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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: 2/15/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114379 Canister Cleaned: 2/1/2021 Received By: KL Date Received: 2/19/2021 Time Received: 9:42 AM Project: AIR Reporting Date: 4/15/2021 Received Temperature: 21.6 °C
Sample ID: AK68474 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189254										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	9.9304	ppbV			KL	2/22/2021	8 to	12
Ethylene Oxide		EPA TO-15	0.0357	ppbV	SQ	0.016	KL	2/22/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	71.0323	ug/m3			KL	2/22/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0644	ug/m3	SQ	0.0288	KL	2/22/2021		

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

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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: 2/21/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114309 Canister Cleaned: 2/1/2021 Received By: KL Date Received: 3/1/2021 Time Received: 11:27 AM Project: AIR Reporting Date: 4/15/2021 Received Temperature: 13.6 °C
Sample ID: AK68475 Facility Name: South DeKalb Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER	RL	ANALYSIS ANALYST	DATE	MCL or QC Range
ETO Data Study by Canister & GC/MS QC Batch 189346										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8085	ppbV			KL	3/2/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1464	ppbV	2	0.016	KL	3/2/2021	
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.1603	ug/m3			KL	3/2/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2639	ug/m3	2	0.0288	KL	3/2/2021	

COMMENTS: \$ETO received in the lab at 9 in Hg. Pressure change of >1.0 in Hg between receipt from field and receipt in lab.

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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: 2/27/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 114321 Canister Cleaned: 2/15/2021 Received By: KL
	Date Received: 3/3/2021 Time Received: 9:31 AM Project: AIR Reporting Date: 4/15/2021 Received Temperature: 20.2 °C
Sample ID: AK69585 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189440										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	8.9738	ppbV		KL	3/8/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0490	ppbV	SQ 0.016	KL	3/8/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	64.1897	ug/m3		KL	3/8/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.0883	ug/m3	SQ 0.0288	KL	3/8/2021		

COMMENTS: \$ETO received in the lab at 0 in Hg.

ug/L: micrograms/liter
 mg/L: milligrams/liter
 mg/kg: milligrams/kilogram
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 TIE: Tentatively Identified or Estimated
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Laboratory Contacts:

Lab Director: Mark Tolbert 678-248-7388
 Inorganics: Kristy Hrehor 678-248-7450
 Metals: Shene Jones 678-248-7440
 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

**GEORGIA DEPARTMENT OF NATURAL RESOURCES
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: 2/21/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: SAT092 Canister Cleaned: 3/16/2021 Received By: KL Date Received: 3/16/2021 Time Received: 11:10 AM Project: AIR Reporting Date: 4/15/2021
Sample ID: AK71360 Facility Name: ERG SOUTH DEKALB Site ID: 1030511-02 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189560										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.1945	ppbV		KL	3/16/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.3146	ppbV	0.016	KL	3/16/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.9214	ug/m3		KL	3/16/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.5671	ug/m3	0.0288	KL	3/16/2021		

COMMENTS: \$ETO received in the lab at 10.4 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:

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 Inorganics: Kristy Hrehor 678-248-7450
 Metals: Shene Jones 678-248-7440
 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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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: 2/27/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: SAT002 Canister Cleaned: 3/16/2021 Received By: KL Date Received: 3/16/2021 Time Received: 11:10 AM Project: AIR Reporting Date: 4/15/2021
Sample ID: AK71361 Facility Name: ERG SOUTH DEKALB Site ID: 1030511-04 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189560										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.3694	ppbV		KL	3/16/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.2747	ppbV	0.016	KL	3/16/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.0194	ug/m3		KL	3/16/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.4952	ug/m3	0.0288	KL	3/16/2021		

COMMENTS: \$ETO received in the lab at 1.5 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
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 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
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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: 3/5/2021 Time Collected: 0:00 Sample Collector: Canister Number: 101 Canister Cleaned: 2/15/2021 Received By: KL Date Received: 3/15/2021 Time Received: 8:37 AM Project: AIR Reporting Date: 5/14/2021
Sample ID: AK69586 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AF	ppbV		HZ	3/15/2021	8 to	12
Ethylene Oxide			EPA TO-15	AF	ppbV	0.016	HZ	3/15/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AF	ug/m3		HZ	3/15/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	AF	ug/m3	0.0288	HZ	3/15/2021		

COMMENTS: \$ETO Sample scheduled but not collected.

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)

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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: 3/11/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114375 Canister Cleaned: 2/15/2021 Received By: KL Date Received: 3/15/2021 Time Received: 10:23 AM Project: AIR Reporting Date: 5/14/2021 Received Temperature: 21.9 °C
Sample ID: AK69587 Facility Name: SOUTH DEKALB ETO Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189560										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7295	ppbV		KL	3/16/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1670	ppbV	0.016	KL	3/16/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.5952	ug/m3		KL	3/16/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.301	ug/m3	0.0288	KL	3/16/2021		

COMMENTS: \$ETO received in the lab at 1 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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 Inorganics: Kristy Hrehor 678-248-7450
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 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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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: 3/17/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114380 Canister Cleaned: 2/15/2021 Received By: KL Date Received: 3/19/2021 Time Received: 9:32 AM Project: AIR Reporting Date: 5/14/2021 Received Temperature: 21.9 °C
Sample ID: AK69588 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189689										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.4997	ppbV		KL	3/24/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.0828	ppbV	0.016	KL	3/24/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		67.9515	ug/m3		KL	3/24/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.1493	ug/m3	0.0288	KL	3/24/2021		

COMMENTS: \$ETO received in the lab at 1 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: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
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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: 3/23/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114321 Canister Cleaned: 3/12/2021 Received By: HZ Date Received: 3/25/2021 Time Received: 9:50 AM Project: AIR Reporting Date: 5/14/2021 Received Temperature: 21.5 °C
Sample ID: AK71208 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189724										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.7826	ppbV		KL	3/26/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.0751	ppbV	2	0.016	KL	3/26/2021	
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		69.9751	ug/m3		KL	3/26/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.1354	ug/m3	2	0.0288	KL	3/26/2021	

COMMENTS: \$ETO received in the lab at 4 in Hg. Pressure change of >1.0 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)

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: 3/29/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114378 Canister Cleaned: 3/12/2021 Received By: HZ Date Received: 3/31/2021 Time Received: 10:02 AM Project: AIR Reporting Date: 5/14/2021 Received Temperature: 19.6 °C
Sample ID: AK71209 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189894								
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	9.636	ppbV		HZ	4/6/2021	8 to 12
Ethylene Oxide		EPA TO-15	0.1988	ppbV	0.016	HZ	4/6/2021	
ETO result in ug/m3 by Canister & GC/MS								
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	68.9264	ug/m3		HZ	4/6/2021	57.22 to 85.84
Ethylene Oxide		EPA TO-15	0.3583	ug/m3	0.0288	HZ	4/6/2021	

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

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

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

Laboratory Contacts:

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 Organics: Daniel Durham 678-248-7420
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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: 4/4/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114370 Canister Cleaned: 3/12/2021 Received By: HZ Date Received: 4/6/2021 Time Received: 10:23 AM Project: AIR Reporting Date: 6/15/2021 Received Temperature: 20.4 °C
Sample ID: AK71210 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189894										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		10.67	ppbV		HZ	4/6/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1768	ppbV	2	0.016	HZ	4/6/2021	
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		76.3226	ug/m3		HZ	4/6/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.3187	ug/m3	2	0.0288	HZ	4/6/2021	

COMMENTS: \$ETO received in the lab at 0.3 psi. Pressure change 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)

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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: 4/16/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114360 Canister Cleaned: 4/1/2021 Received By: KL Date Received: 4/20/2021 Time Received: 11:03 AM Project: AIR Reporting Date: 6/15/2021 Received Temperature: 21.6 °C
Sample ID: AK72184 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 190172										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4362	ppbV		KL	4/27/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1910	ppbV	0.016	KL	4/27/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.4972	ug/m3		KL	4/27/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.3443	ug/m3	0.0288	KL	4/27/2021		

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

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

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

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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: 4/10/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114350 Canister Cleaned: 4/1/2021 Received By: KL Date Received: 4/13/2021 Time Received: 9:49 AM Project: AIR Reporting Date: 6/15/2021 Received Temperature: 19.2 °C
Sample ID: AK72185 Facility Name: SOUTH DEKALB ETO Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 189962									
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	9.5366	ppbV		KL	4/14/2021	8 to	12
Ethylene Oxide		EPA TO-15	0.1033	ppbV	0.016	KL	4/14/2021		
ETO result in ug/m3 by Canister & GC/MS									
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15	68.2154	ug/m3		KL	4/14/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1862	ug/m3	0.0288	KL	4/14/2021		

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

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

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
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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: 4/22/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114309 Canister Cleaned: 4/1/2021 Received By: KL
	Date Received: 4/26/2021 Time Received: 10:41 AM Project: AIR Reporting Date: 6/15/2021 Received Temperature: 15.1 °C
Sample ID: AK72186 Facility Name: SOUTH DEKALB ETO Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 190172										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.2800	ppbV		KL	4/27/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1425	ppbV	0.016	KL	4/27/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		66.3799	ug/m3		KL	4/27/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.2569	ug/m3	0.0288	KL	4/27/2021		

COMMENTS: \$ETO received in the lab at 0.4 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:

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 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 4/28/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 111212 Canister Cleaned: 4/1/2021 Received By: KL Date Received: 4/30/2021 Time Received: 10:22 AM Project: AIR Reporting Date: 6/15/2021 Received Temperature: 22.5 °C
Sample ID: AK72188 Facility Name: south dekalb Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 190313										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.4996	ppbV		KL	5/5/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1736	ppbV	0.016	KL	5/5/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.1038	ug/m3		KL	5/5/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.3129	ug/m3	0.0288	KL	5/5/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 678-248-7388
 Inorganics: Kristy Hrehor 678-248-7450
 Metals: Shene Jones 678-248-7440
 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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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: 4/10/2021 Time Collected: 0:00 Sample Collector: Canister Number: SAT130 Canister Cleaned: 3/22/2021 Received By: HZ Date Received: 4/30/2021 Time Received: 10:15 AM Project: AIR Reporting Date: 6/15/2021
Sample ID: AK74308 Facility Name: ERG SOUTH DEKALB Site ID: 1041341-03 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO Data Study by Canister & GC/MS QC Batch 190313										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8964	ppbV		KL	5/5/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1048	ppbV	0.016	KL	5/5/2021		
ETO result in ug/m3 by Canister & GC/MS										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.7891	ug/m3		KL	5/5/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1889	ug/m3	0.0288	KL	5/5/2021		

COMMENTS: \$ETO received in the lab at 10.2 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 678-248-7388
 Inorganics: Kristy Hrehor 678-248-7450
 Metals: Shene Jones 678-248-7440
 Organics: Daniel Durham 678-248-7420
 GC Mass Spec: Ralph Schulz 678-248-7410
 Microbiology: Avionne Fortner 678-248-7400

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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: 5/4/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114321 Canister Cleaned: 4/22/2021 Received By: KL Date Received: 5/6/2021 Time Received: 9:51 AM Project: AIR Reporting Date: 7/16/2021 Received Temperature: 21.6 °C
Sample ID: AK73452 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	5/7/2021	8 to	12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	5/7/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	5/7/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	5/7/2021		

COMMENTS: \$ETO received in the lab at 15 in Hg. Sampler clogged during sampling event; sample void.

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: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/10/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114378 Canister Cleaned: 4/22/2021 Received By: KL
Sample ID: AK73453 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 5/12/2021 Time Received: 9:35 AM Project: AIR Reporting Date: 7/16/2021 Received Temperature: 18.8 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	5/12/2021	8 to	12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	5/12/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	5/12/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	5/12/2021		

COMMENTS: \$ETO received in the lab at 29 in Hg. Did not run; sample void.

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: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/16/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114375 Canister Cleaned: 4/22/2021 Received By: KL
Sample ID: AK73454 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 5/19/2021 Time Received: 10:29 AM Project: AIR Reporting Date: 7/16/2021 Received Temperature: 22.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	5/19/2021	8 to	12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	5/19/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	5/19/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	5/19/2021		

COMMENTS: \$ETO received in the lab at 28 in Hg. Sample void, did not collect.

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: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/22/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 101 Canister Cleaned: 4/22/2021 Received By: KL
	Date Received: 5/25/2021 Time Received: 10:57 AM Project: AIR Reporting Date: 7/16/2021 Received Temperature: 19.1 °C
Sample ID: AK73456 Facility Name: South Dekalb Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190710										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2272	ppbV		KL	5/27/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.3467	ppbV	0.016	KL	5/27/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.1553	ug/m3		KL	5/27/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.6249	ug/m3	0.0288	KL	5/27/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/28/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114309 Canister Cleaned: 5/17/2021 Received By: KL Date Received: 6/2/2021 Time Received: 9:20 AM Project: AIR Reporting Date: 7/16/2021 Received Temperature: 16.9 °C
Sample ID: AK75225 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190784										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.6693	ppbV		KL	6/2/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.2310	ppbV	0.016	KL	6/2/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		69.1646	ug/m3		KL	6/2/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.4164	ug/m3	0.0288	KL	6/2/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/4/2021 Time Collected: 0:00 Sample Collector: Canister Number: A21047 Canister Cleaned: 4/16/2021 Received By: KL Date Received: 6/17/2021 Time Received: 11:26 AM Project: AIR Reporting Date: 7/16/2021
Sample ID: AK77550 Facility Name: ERG S. DEKALB Site ID: 1051245-03 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191148										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6918	ppbV		KL	6/22/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.4421	ppbV	0.016	KL	6/22/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.3256	ug/m3		KL	6/22/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.7969	ug/m3	0.0288	KL	6/22/2021		

COMMENTS: \$ETO received in the lab at 9 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: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/10/2021 Time Collected: 0:00 Sample Collector: Canister Number: 18879 Canister Cleaned: 4/22/2021 Received By: KL Date Received: 6/17/2021 Time Received: 11:26 AM Project: AIR Reporting Date: 7/16/2021
Sample ID: AK77551 Facility Name: ERG S. DEKALB Site ID: 1051940-01 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191148										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.4259	ppbV		KL	6/22/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1299	ppbV	0.016	KL	6/22/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.4236	ug/m3		KL	6/22/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.2342	ug/m3	0.0288	KL	6/22/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 5/10/2021 Time Collected: 0:00 Sample Collector: Canister Number: 33235 Canister Cleaned: 4/28/2021 Received By: KL Date Received: 6/17/2021 Time Received: 11:26 AM Project: AIR Reporting Date: 7/16/2021
Sample ID: AK77552 Facility Name: ERG S. DEKALB Site ID: 1051940-03 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191148										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8405	ppbV		KL	6/22/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.3194	ppbV	0.016	KL	6/22/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.3892	ug/m3		KL	6/22/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.5757	ug/m3	0.0288	KL	6/22/2021		

COMMENTS: \$ETO received in the lab at 7.6 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
 Inorganics: Kristy Hrehor 470-524-0689
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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: 6/3/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114384 Canister Cleaned: 5/17/2021 Received By: KL Date Received: 6/7/2021 Time Received: 9:39 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.6 °C
Sample ID: AK75226 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190858										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6531	ppbV		KL	6/7/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1519	ppbV	0.016	KL	6/7/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.0487	ug/m3		KL	6/7/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.2738	ug/m3	0.0288	KL	6/7/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
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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: 6/7/2021 Time Collected: 11:00 Sample Collector: H. STREET Canister Number: 114360 Canister Cleaned: 5/17/2021 Received By: KL
Sample ID: AK75227 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/8/2021 Time Received: 1:09 PM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 25.6 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190981										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.3309	ppbV		KL	6/11/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1287	ppbV	0.016	KL	6/11/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.897	ug/m3		KL	6/11/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.232	ug/m3	0.0288	KL	6/11/2021		
ETO NATTS QA Replicate Precision										
Ethylene Oxide			EPA TO-15	4.18	%RPD		KL	6/15/2021		25
ETO QA Replicate Result										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.3238	ppbV		KL	6/11/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1342	ppbV		KL	6/11/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 6/7/2021 Time Collected: 11:00 Sample Collector: H. STREET Canister Number: 114350 Canister Cleaned: 5/17/2021 Received By: KL
Sample ID: AK75228 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/8/2021 Time Received: 1:09 PM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 21.6 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190981										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0193	ppbV		KL	6/11/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0968	ppbV	0.016	KL	6/11/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.6682	ug/m3		KL	6/11/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1745	ug/m3	0.0288	KL	6/11/2021		

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

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

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
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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: 6/9/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: GL065 Canister Cleaned: 5/17/2021 Received By: KL Date Received: 6/11/2021 Time Received: 9:07 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 20.1 °C
Sample ID: AK75229 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 190981										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6824	ppbV		KL	6/11/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1076	ppbV	0.016	KL	6/11/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.2583	ug/m3		KL	6/11/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.194	ug/m3	0.0288	KL	6/11/2021		

COMMENTS: \$ETO received in the lab at 9 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: 6/15/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110343 Canister Cleaned: 5/17/2021 Received By: KL
Sample ID: AK75230 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/17/2021 Time Received: 9:46 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.9 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191148										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2853	ppbV		KL	6/22/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.2119	ppbV	0.016	KL	6/22/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.5709	ug/m3		KL	6/22/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.382	ug/m3	0.0288	KL	6/22/2021		

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

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

Laboratory Contacts:

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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: 6/10/2021 Time Collected: 10:00 Sample Collector: H. STREET Canister Number: 114377 Canister Cleaned: 6/1/2021 Received By: HZ Date Received: 6/17/2021 Time Received: 9:46 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 21.6 °C
Sample ID: AK76054 Facility Name: south dekalb qa Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191148										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0812	ppbV		KL	6/22/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1288	ppbV	0.016	KL	6/22/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.1109	ug/m3		KL	6/22/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.2322	ug/m3	0.0288	KL	6/22/2021		

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
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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: 6/10/2021 Time Collected: 10:00 Sample Collector: H. STREET Canister Number: 110316 Canister Cleaned: 6/1/2021 Received By: HZ
Sample ID: AK76055 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/17/2021 Time Received: 9:46 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 23.5 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	6/17/2021	8 to	12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	6/17/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	6/17/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	6/17/2021		

COMMENTS: \$ETO received in the lab at 29 in Hg. Sampler clogged (water), did not collect.

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)

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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: 6/16/2021 Time Collected: 11:00 Sample Collector: H. STREET Canister Number: 114345 Canister Cleaned: 6/1/2021 Received By: HZ Date Received: 6/24/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.6 °C
Sample ID: AK76056 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.7736	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1150	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		69.9107	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.2073	ug/m3	0.0288	KL	6/29/2021		

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

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

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

Laboratory Contacts:

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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: 6/16/2021 Time Collected: 11:00 Sample Collector: H. STREET Canister Number: 117224 Canister Cleaned: 6/1/2021 Received By: HZ
Sample ID: AK76057 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/24/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.8 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		9.7972	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1365	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		70.0795	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.246	ug/m3	0.0288	KL	6/29/2021		
ETO NATTS QA Replicate Precision										
Ethylene Oxide		EPA TO-15		4.09	%RPD		KL	6/30/2021		25
ETO QA Replicate Result										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		10.1635	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1422	ppbV		KL	6/29/2021		

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

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

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

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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: 6/22/2021 Time Collected: 9:00 Sample Collector: H. STREET Canister Number: 114328 Canister Cleaned: 6/1/2021 Received By: HZ
	Date Received: 6/24/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.8 °C
Sample ID: AK76058 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		10.1510	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1883	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		72.6102	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide		EPA TO-15		0.3394	ug/m3	0.0288	KL	6/29/2021		
ETO NATTS QA Replicate Precision										
Ethylene Oxide		EPA TO-15		2.69	%RPD		KL	6/30/2021		25
ETO QA Replicate Result										
Bromofluorobenzene(Surrogate QC Std.)		EPA TO-15		10.1172	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide		EPA TO-15		0.1833	ppbV		KL	6/29/2021		

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

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

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

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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: 6/22/2021 Time Collected: 9:00 Sample Collector: H. STREET Canister Number: 114311 Canister Cleaned: 6/1/2021 Received By: HZ
Sample ID: AK76059 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 6/24/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.8 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0561	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1029	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.9314	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1855	ug/m3	0.0288	KL	6/29/2021		

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

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

<: less than
 MCL: Maximum Contaminant Level
 RL: Reporting Limit
 LSPC: result less than lower specification
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 TIE: Tentatively Identified or Estimated
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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: 6/21/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 111212 Canister Cleaned: 6/10/2021 Received By: KL Date Received: 6/24/2021 Time Received: 10:40 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 19.8 °C
Sample ID: AK76932 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.9313	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1012	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.0387	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1824	ug/m3	0.0288	KL	6/29/2021		

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

<: less than
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 LSPC: result less than lower specification
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(678) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 6/27/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114321 Canister Cleaned: 6/10/2021 Received By: KL Date Received: 6/29/2021 Time Received: 9:56 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 21.0 °C
Sample ID: AK76933 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191270										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2418	ppbV		KL	6/29/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0764	ppbV	0.016	KL	6/29/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.2597	ug/m3		KL	6/29/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1377	ug/m3	0.0288	KL	6/29/2021		

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 6/28/2021 Time Collected: 10:30 Sample Collector: H. STREET Canister Number: 114378 Canister Cleaned: 6/10/2021 Received By: KL
Sample ID: AK76934 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: Location Descr:	Date Received: 7/2/2021 Time Received: 11:12 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 21.3 °C

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191346										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8734	ppbV		KL	7/6/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1898	ppbV	0.016	KL	7/6/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.6245	ug/m3		KL	7/6/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.3421	ug/m3	0.0288	KL	7/6/2021		
ETO NATTS QA Replicate Precision										
Ethylene Oxide			EPA TO-15	2.91	%RPD		KL	7/7/2021		25
ETO QA Replicate Result										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.1801	ppbV		KL	7/6/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.1954	ppbV		KL	7/6/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 470-524-0639
 GC Mass Spec: Ralph Schulz 470-524-0684
 Microbiology: Mary Bowman 470-524-0709

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(678) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 6/28/2021 Time Collected: 10:30 Sample Collector: H. STREET Canister Number: 114375 Canister Cleaned: 6/10/2021 Received By: KL Date Received: 7/2/2021 Time Received: 11:12 AM Project: AIR Reporting Date: 8/13/2021 Received Temperature: 23.3 °C
Sample ID: AK76935 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS ANALYST	DATE	MCL or QC Range	
ETO by EPA Method TO-15 QC Batch 191346										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.6004	ppbV		KL	7/6/2021	8 to	12
Ethylene Oxide			EPA TO-15	0.0815	ppbV	0.016	KL	7/6/2021		
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	68.6718	ug/m3		KL	7/6/2021	57.22 to	85.84
Ethylene Oxide			EPA TO-15	0.1469	ug/m3	0.0288	KL	7/6/2021		

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 7/3/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 101 Canister Cleaned: 6/10/2021 Received By: KL Date Received: 7/7/2021 Time Received: 10:06 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 20.0 °C
Sample ID: AK76936 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191396									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.4203	ppbV		KL	7/8/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0969	ppbV	0.016	KL	7/8/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	74.5365	ug/m3		KL	7/8/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1747	ug/m3	0.0288	KL	7/8/2021	

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 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: 7/1/2021 Time Collected: 8:30 Sample Collector: H. STREET Canister Number: 114380 Canister Cleaned: 6/10/2021 Received By: KL
	Date Received: 7/2/2021 Time Received: 11:12 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 20.7 °C
Sample ID: AK76937 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191346									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2166	ppbV		KL	7/6/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0710	ppbV	0.016	KL	7/6/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.0795	ug/m3		KL	7/6/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.128	ug/m3	0.0288	KL	7/6/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark 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: 7/1/2021 Time Collected: 8:30 Sample Collector: H. STREET Canister Number: 114384 Canister Cleaned: 6/21/2021 Received By: KL
	Date Received: 7/2/2021 Time Received: 11:12 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 21.4 °C
Sample ID: AK77722 Facility Name: SOUTH DEKALB QA Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191346									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.9290	ppbV		KL	7/6/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1601	ppbV	0.016	KL	7/6/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.0223	ug/m3		KL	7/6/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2886	ug/m3	0.0288	KL	7/6/2021	
ETO NATTS QA Replicate Precision									
Ethylene Oxide			EPA TO-15	5.26	%RPD		KL	7/7/2021	25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0418	ppbV		KL	7/6/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1519	ppbV		KL	7/6/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark 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: 7/9/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114350 Canister Cleaned: 6/21/2021 Received By: KL Date Received: 7/14/2021 Time Received: 9:38 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 21.6 °C
Sample ID: AK77723 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	7/14/2021	8 to 12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	7/14/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	7/14/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	7/14/2021	

COMMENTS: \$ETO received in the lab at 16 in Hg. Sample void; end vacuum too low.

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: 7/15/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: GL065 Canister Cleaned: 6/21/2021 Received By: KL
	Date Received: 7/19/2021 Time Received: 10:14 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 21.7 °C
Sample ID: AK77725 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191648									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7904	ppbV		KL	7/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.4980	ppbV	0.016	KL	7/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.0308	ug/m3		KL	7/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.8977	ug/m3	0.0288	KL	7/20/2021	

COMMENTS: \$ETO received in the lab at 7.5 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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**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: 7/21/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114360 Canister Cleaned: 6/21/2021 Received By: KL
	Date Received: 7/23/2021 Time Received: 9:42 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 20.6 °C
Sample ID: AK77727 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191821									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2893	ppbV		KL	7/28/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.5010	ppbV	0.016	KL	7/28/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.5995	ug/m3		KL	7/28/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.9031	ug/m3	0.0288	KL	7/28/2021	

COMMENTS: \$ETO received in the lab at 7.5 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
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(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: 7/27/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114377 Canister Cleaned: 7/15/2021 Received By: KL
	Date Received: 7/29/2021 Time Received: 11:02 AM Project: AIR Reporting Date: 11/15/2022 Received Temperature: 21.6 °C
Sample ID: AK79848 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	Not Analyzed	ppbV		KL	8/3/2021	8 to 12
Ethylene Oxide			EPA TO-15	Not Analyzed	ppbV	0.016	KL	8/3/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	Not Analyzed	ug/m3		KL	8/3/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	Not Analyzed	ug/m3	0.0288	KL	8/3/2021	

COMMENTS: \$ETO received in the lab at 14 in Hg. Sample not analyzed; canister did not have enough pressure to analyze 500 mls.

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: 8/2/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110343 Canister Cleaned: 7/15/2021 Received By: KL
	Date Received: 8/4/2021 Time Received: 10:05 AM Project: AIR Reporting Date: 10/15/2021 Received Temperature: 23.5 °C
Sample ID: AK79849 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 191977									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.3190	ppbV		KL	8/5/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2915	ppbV	0.016	KL	8/5/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.8119	ug/m3		KL	8/5/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.5254	ug/m3	0.0288	KL	8/5/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 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: 8/8/2021 Time Collected: 0:00 Sample Collector: H STREET Canister Number: 114342 Canister Cleaned: 7/15/2021 Received By: KL
	Date Received: 8/10/2021 Time Received: 9:51 AM Project: AIR Reporting Date: 10/15/2021 Received Temperature: 24.4 °C
Sample ID: AK79850 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 192128									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7449	ppbV		KL	8/12/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.3260	ppbV	0.016	KL	8/12/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.7054	ug/m3		KL	8/12/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.5876	ug/m3	0.0288	KL	8/12/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 470-524-0639 GC Mass Spec: Ralph Schulz 470-524-0684 Microbiology: Mary Bowman 470-524-0709
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**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/14/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110329 Canister Cleaned: 7/15/2021 Received By: KL Date Received: 8/17/2021 Time Received: 10:16 AM Project: AIR Reporting Date: 10/15/2021 Received Temperature: 21.9 °C
Sample ID: AK79851 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	Not Analyzed	ppbV		KL	8/18/2021	8 to 12
Ethylene Oxide			EPA TO-15	Not Analyzed	ppbV	0.016	KL	8/18/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	Not Analyzed	ug/m3		KL	8/18/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	Not Analyzed	ug/m3	0.0288	KL	8/18/2021	

COMMENTS: \$ETO received in the lab at 14.5 in Hg. Sample not analyzed; canister did not have enough pressure to analyze 500 mls.

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: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 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: 8/20/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114321 Canister Cleaned: 8/9/2021 Received By: KL
	Date Received: 8/24/2021 Time Received: 10:15 AM Project: AIR Reporting Date: 10/15/2021 Received Temperature: 23.5 °C
Sample ID: AK82457 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 192486									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.1504	ppbV		KL	8/31/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1459	ppbV	0.016	KL	8/31/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.6059	ug/m3		KL	8/31/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.263	ug/m3	0.0288	KL	8/31/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 470-524-0639
 GC Mass Spec: Ralph Schulz 470-524-0684
 Microbiology: Mary Bowman 470-524-0709

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(678) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 8/26/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114375 Canister Cleaned: 8/9/2021 Received By: KL Date Received: 8/27/2021 Time Received: 10:22 AM Project: AIR Reporting Date: 10/15/2021 Received Temperature: 21.0 °C
Sample ID: AK82458 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 192486									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8643	ppbV		KL	8/31/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1191	ppbV	0.016	KL	8/31/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.5595	ug/m3		KL	8/31/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2147	ug/m3	0.0288	KL	8/31/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 9/1/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114380 Canister Cleaned: 8/9/2021 Received By: KL
	Date Received: 9/2/2021 Time Received: 10:07 AM Project: AIR Reporting Date: 11/15/2021 Received Temperature: 21.0 °C
Sample ID: AK82459 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 192556									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0544	ppbV		KL	9/8/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1060	ppbV	0.016	KL	9/8/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.9192	ug/m3		KL	9/8/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1911	ug/m3	0.0288	KL	9/8/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 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: 9/7/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114384 Canister Cleaned: 8/9/2021 Received By: KL
	Date Received: 9/9/2021 Time Received: 9:42 AM Project: AIR Reporting Date: 11/15/2021 Received Temperature: 19.6 °C
Sample ID: AK82461 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	9/9/2021	8 to 12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	9/9/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	9/9/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	9/9/2021	

COMMENTS: \$ETO received in the lab at 27 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: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 9/19/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114350 Canister Cleaned: 9/2/2021 Received By: KL
	Date Received: 9/21/2021 Time Received: 9:52 AM Project: AIR Reporting Date: 11/15/2021 Received Temperature: 21.0 °C
Sample ID: AK84717 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ppbV		KL	9/21/2021	8 to 12
Ethylene Oxide			EPA TO-15	AL	ppbV	0.016	KL	9/21/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	AL	ug/m3		KL	9/21/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	AL	ug/m3	0.0288	KL	9/21/2021	

COMMENTS: \$ETO received in the lab at 22 in Hg. VOID; sampler clogged.

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: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 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: 9/25/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 86335 Canister Cleaned: 9/2/2021 Received By: KL
	Date Received: 9/29/2021 Time Received: 2:15 PM Project: AIR Reporting Date: 11/15/2021 Received Temperature: 23.9 °C
Sample ID: AK84718 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193070									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2676	ppbV		KL	10/5/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1852	ppbV	0.016	KL	10/5/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.4443	ug/m3		KL	10/5/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3338	ug/m3	0.0288	KL	10/5/2021	

COMMENTS: \$ETO received in the lab at 1 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: Kristy Hrehor 470-524-0689 Metals: Shene Jones 470-524-0544 Organics: Daniel Durham 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: 9/13/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110343 Canister Cleaned: 9/2/2021 Received By: KL Date Received: 9/15/2021 Time Received: 9:53 AM Project: AIR Reporting Date: 11/15/2021 Received Temperature: 20.6 °C
Sample ID: AK84722 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 192786									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.5967	ppbV		KL	9/17/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1626	ppbV	0.016	KL	9/17/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.7983	ug/m3		KL	9/17/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2931	ug/m3	0.0288	KL	9/17/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 Metals: Shene Jones 470-524-0544
 Organics: Daniel Durham 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: 10/1/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114377 Canister Cleaned: 9/2/2021 Received By: KL Date Received: 10/5/2021 Time Received: 10:47 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 24.5 °C
Sample ID: AK84720 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193070									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6356	ppbV		KL	10/5/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1643	ppbV	0.016	KL	10/5/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	76.0766	ug/m3		KL	10/5/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2962	ug/m3	0.0288	KL	10/5/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 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: 10/9/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 110327 Canister Cleaned: 9/27/2021 Received By: KL Date Received: 10/12/2021 Time Received: 11:55 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 23.5 °C
Sample ID: AK87159 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: QCCAN Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193281									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2845	ppbV		KL	10/14/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1720	ppbV	0.016	KL	10/14/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.5651	ug/m3		KL	10/14/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.31	ug/m3	0.0288	KL	10/14/2021	

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

ug/L: micrograms/liter
 mg/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: Kristy Hrehor 470-524-0689
 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: 10/21/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114320 Canister Cleaned: 9/27/2021 Received By: KL
	Date Received: 10/27/2021 Time Received: 10:02 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 17.5 °C
Sample ID: AK87160 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193603									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.8316	ppbV		KL	11/2/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2025	ppbV	0.016	KL	11/2/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	77.4786	ug/m3		KL	11/2/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.365	ug/m3	0.0288	KL	11/2/2021	

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

ug/L: micrograms/liter
 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: Kristy Hrehor 470-524-0689
 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) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/19/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: GL065 Canister Cleaned: 9/27/2021 Received By: KL
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 19.9 °C
Sample ID: AK87161 Facility Name: south dekalb Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.5316	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2175	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.3327	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3921	ug/m3	0.0288	KL	10/26/2021	

COMMENTS: \$ETO received in the lab at 2 in Hg.

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 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) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/25/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114368 Canister Cleaned: 9/27/2021 Received By: KL
	Date Received: 10/27/2021 Time Received: 10:02 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 17.1 °C
Sample ID: AK87162 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193603									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.5325	ppbV		KL	11/2/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1582	ppbV	0.016	KL	11/2/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.3391	ug/m3		KL	11/2/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2852	ug/m3	0.0288	KL	11/2/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 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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**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.9 °C
Sample ID: AK87165 Facility Name: COBB S2 QA Site ID: S2 Location ID: QCCAN Location Descr: S2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6288	ppbV		KL	10/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1893	ppbV	0.016	KL	10/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	76.0279	ug/m3		KL	10/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3412	ug/m3	0.0288	KL	10/20/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 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: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 23.9 °C
Sample ID: AK87166 Facility Name: COBB S2 Site ID: S2 Location ID: Location Descr: S2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2872	ppbV		KL	10/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1930	ppbV	0.016	KL	10/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.5845	ug/m3		KL	10/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3479	ug/m3	0.0288	KL	10/20/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 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
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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: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 24.6 °C
Sample ID: AK87167 Facility Name: COVINGTON C2 QA Site ID: C2 Location ID: Location Descr: C2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6269	ppbV		KL	10/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1089	ppbV	0.016	KL	10/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	76.0143	ug/m3		KL	10/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1963	ug/m3	0.0288	KL	10/20/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark 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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LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 25.9 °C
Sample ID: AK87168 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr: C2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.3441	ppbV		KL	10/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1298	ppbV	0.016	KL	10/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.9915	ug/m3		KL	10/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.234	ug/m3	0.0288	KL	10/20/2021	

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 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
 Microbiology: Mary Bowman 470-524-0709

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ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.5 °C
Sample ID: AK87169 Facility Name: FULTON F2 QA Site ID: F2 Location ID: Location Descr: F2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.2791	ppbV		KL	10/20/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1117	ppbV	0.016	KL	10/20/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	73.5265	ug/m3		KL	10/20/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2013	ug/m3	0.0288	KL	10/20/2021	

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

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: Kristy Hrehor 470-524-0689
 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: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: KL
	Date Received: 10/15/2021 Time Received: 11:35 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 22.9 °C
Sample ID: AK87170 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr: F2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193371									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.1546	ppbV		KL	10/21/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0781	ppbV	0.016	KL	10/21/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.636	ug/m3		KL	10/21/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1408	ug/m3	0.0288	KL	10/21/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 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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**GEORGIA DEPARTMENT OF NATURAL RESOURCES
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: 10/1/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Canister Number: 110343 Canister Cleaned: 9/27/2021 Received By: KL Date Received: 10/5/2021 Time Received: 10:47 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 22.4 °C
Sample ID: AK87171 Facility Name: ETO DATA STUDY Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193070									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.5021	ppbV		KL	10/5/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2287	ppbV	0.016	KL	10/5/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	67.9686	ug/m3		KL	10/5/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.4122	ug/m3	0.0288	KL	10/5/2021	

COMMENTS: \$ETO received in the lab at 11 psi.

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

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

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: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.9 °C
Sample ID: AK87852 Facility Name: COBB S2 Site ID: S2 Location ID: QCCAN Location Descr: S2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.5403	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1772	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.3949	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3194	ug/m3	0.0288	KL	10/26/2021	

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

ug/L: micrograms/liter
 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
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 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: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 20.1 °C
Sample ID: AK87853 Facility Name: COBB S7 SA Site ID: S7 Location ID: Location Descr: S7	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.4631	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1614	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	74.8427	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2909	ug/m3	0.0288	KL	10/26/2021	

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

ug/L: micrograms/liter
 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: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 24.9 °C
Sample ID: AK87854 Facility Name: COBB S6 SA Site ID: S6 Location ID: Location Descr: S6	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6073	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1987	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.8741	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3582	ug/m3	0.0288	KL	10/26/2021	

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

ug/L: micrograms/liter 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: Kristy Hrehor 470-524-0689 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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**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 19.8 °C
Sample ID: AK87855 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr: C2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6457	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0635	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	76.1488	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1145	ug/m3	0.0288	KL	10/26/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 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
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(678) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.1 °C
Sample ID: AK87856 Facility Name: COVINGTON C7 SA Site ID: C7 Location ID: Location Descr: C7	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.3917	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0827	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	74.332	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1491	ug/m3	0.0288	KL	10/26/2021	

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

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

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

Laboratory Contacts:

Lab Director: Mark Tolbert 470-524-0577
 Inorganics: Kristy Hrehor 470-524-0689
 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: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 20.3 °C
Sample ID: AK87857 Facility Name: FULTON F1 SA Site ID: F1 Location ID: Location Descr: F1	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.0915	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1493	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.1846	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2691	ug/m3	0.0288	KL	10/26/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 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: 10/13/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 10/21/2021 Time Received: 11:33 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 22.5 °C
Sample ID: AK87858 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr: F2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193481									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.6174	ppbV		KL	10/26/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2171	ppbV	0.016	KL	10/26/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	75.9464	ug/m3		KL	10/26/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3913	ug/m3	0.0288	KL	10/26/2021	

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

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

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 RL: Reporting Limit
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 USPC: result greater than upper specification
 TIE: Tentatively Identified or Estimated
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Laboratory Contacts:

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 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: 10/31/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.5 °C
Sample ID: AK88022 Facility Name: COBB S2 Site ID: S2 Location ID: QCCAN Location Descr: S2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193808									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	11.1011	ppbV		KL	11/16/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0547	ppbV	0.016	KL	11/16/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	79.4063	ug/m3		KL	11/16/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.0986	ug/m3	0.0288	KL	11/16/2021	

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

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/gram ppm: parts per million ppb: parts per billion org/L: organisms/liter	<: less than MCL: Maximum Contaminant Level RL: Reporting Limit LSPC: result less than lower specification USPC: result greater than upper specification TIE: Tentatively Identified or Estimated VIOL: Violation (result exceeds MCL)	Laboratory Contacts: Lab Director: Mark Tolbert 470-524-0577 Inorganics: Kristy Hrehor 470-524-0689 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: 10/27/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.4 °C
Sample ID: AK88023 Facility Name: COBB S2 FB Site ID: S2 Location ID: Location Descr: S2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193874									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.9756	ppbV		KL	11/18/2021	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND 0.016	KL	11/18/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.3556	ug/m3		KL	11/18/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND 0.0288	KL	11/18/2021	

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

ug/L: micrograms/liter 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: Kristy Hrehor 470-524-0689 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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**GEORGIA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

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

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/31/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.7 °C
Sample ID: AK88024 Facility Name: COVINGTON C2 Site ID: C2 Location ID: Location Descr: C2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193808									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	11.0126	ppbV		KL	11/16/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.1343	ppbV	0.016	KL	11/16/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	78.7733	ug/m3		KL	11/16/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.2421	ug/m3	0.0288	KL	11/16/2021	

COMMENTS: \$ETO received in the lab at 6.5 in Hg.

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

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

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
 Microbiology: Mary Bowman 470-524-0709

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ENVIRONMENTAL PROTECTION DIVISION**

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(678) 248-7383

LABORATORY REPORT

TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120 Atlanta, GA 30354	Date Collected: 10/28/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 21.6 °C
Sample ID: AK88025 Facility Name: COVINGTON C2 FB Site ID: C2 Location ID: Location Descr: C2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER		ANALYSIS		MCL or QC Range
						RL	ANALYST	DATE		
ETO by EPA Method TO-15 QC Batch 193874										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.8026	ppbV			KL	11/18/2021	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND	0.016	KL	11/18/2021	
ETO Results by EPA Method TO-15										
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	70.1181	ug/m3			KL	11/18/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND	0.0288	KL	11/18/2021	

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

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

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

Laboratory Contacts:

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 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: 10/31/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 19.7 °C
Sample ID: AK88026 Facility Name: FULTON F2 Site ID: F2 Location ID: Location Descr: F2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193808									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.7653	ppbV		KL	11/16/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.2212	ppbV	0.016	KL	11/16/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	69.8513	ug/m3		KL	11/16/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.3987	ug/m3	0.0288	KL	11/16/2021	

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

ug/L: micrograms/liter
 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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 LSPC: result less than lower specification
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 TIE: Tentatively Identified or Estimated
 VIOL: Violation (result exceeds MCL)

Laboratory Contacts:

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 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: 10/27/2021 Time Collected: 0:00 Sample Collector: J. BRYANT Chlorination: Sample Type: Received By: HZ
	Date Received: 11/16/2021 Time Received: 9:32 AM Project: DATA STUDY Reporting Date: 12/16/2021 Received Temperature: 22.9 °C
Sample ID: AK88027 Facility Name: FULTON F2 FB Site ID: F2 Location ID: Location Descr: F2	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193874									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	9.9630	ppbV		KL	11/18/2021	8 to 12
Ethylene Oxide			EPA TO-15	0	ppbV	ND 0.016	KL	11/18/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	71.2655	ug/m3		KL	11/18/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0	ug/m3	ND 0.0288	KL	11/18/2021	

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

ug/L: micrograms/liter 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: Kristy Hrehor 470-524-0689 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: 10/31/2021 Time Collected: 0:00 Sample Collector: H. STREET Canister Number: 114353 Canister Cleaned: 10/6/2021 Received By: HZ
	Date Received: 11/2/2021 Time Received: 10:43 AM Project: AIR Reporting Date: 12/16/2021 Received Temperature: 21.9 °C
Sample ID: AK88029 Facility Name: SOUTH DEKALB Site ID: 013-089-0002 Location ID: Location Descr:	

ANALYTE	PARAMETER CODE	EPA NOTE	METHOD	RESULT	UNITS	QUALIFIER RL	ANALYSIS		MCL or QC Range
							ANALYST	DATE	
ETO by EPA Method TO-15 QC Batch 193603									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	10.1956	ppbV		KL	11/2/2021	8 to 12
Ethylene Oxide			EPA TO-15	0.0676	ppbV	0.016	KL	11/2/2021	
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)			EPA TO-15	72.9292	ug/m3		KL	11/2/2021	57.22 to 85.84
Ethylene Oxide			EPA TO-15	0.1219	ug/m3	0.0288	KL	11/2/2021	

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

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