

#### Richard E. Dunn, Director

#### **EPD Director's Office**

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

December 20, 2022

#### **MEMORANDUM**

To: Karen Hays, Air Branch Chief 47

Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: South DeKalb July 2022 Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were taken at our South DeKalb monitoring station during the month of July 2022. Samples were collected on the pressurized ATEC system. The Qualifier code of "SQ" indicates the analysis of the sample was above the method detection limit but below the practical quantification limit. The Qualifier 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 "2" was given to samples to indicate that the collection deviated from established procedures, but the integrity of the sample was not compromised.

Location	Date	Qualifier	EtO Concentration (µg/m³)
South DeKalb ATEC	07/04/2022	1, 6	0.19
South DeKalb ATEC	07/10/2022		AL
South DeKalb ATEC QA	07/10/2022	1, 2, 6	0.19
South DeKalb ATEC	07/16/2022	1, 6, SQ	0.13
South DeKalb ATEC	07/22/2022	1, 6	0.16
South DeKalb ATEC	07/26/2022	1, 6, SQ	0.09
South DeKalb ATEC QA	07/26/2022	1, 6, SQ	0.09
South DeKalb ATEC	07/28/2022	1, 6	0.15

Additional samples were collected on the passive and pressurized systems to gather collocated data during deployment of a continuous EtO analyzer operated by Entanglement Technologies at the site during this period.

Location	Date	Qualifier	EtO Concentration (μg/m³)
South DeKalb passive	07/16/2022	2	0.15
South DeKalb passive QA	07/16/2022	2	0.17

South DeKalb ATEC QA	07/16/2022	1, 2, 6	0.15
South DeKalb passive	07/22/2022		AA
South DeKalb passive QA	07/22/2022		AA
South DeKalb ATEC QA	07/22/2022	1, 6, 2	0.15
South DeKalb passive	07/28/2022	2, SQ	0.09
South DeKalb passive QA	07/28/2022	2, SQ	0.10
South DeKalb ATEC QA	07/28/2022	1, 6, SQ	0.09

If you have any questions, please let me know.

DGO/do

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

#### **LABORATORY REPORT**

Date Collected: 7/4/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/12/2022 Sample ID: AL03105 Time Received: 12:07 PM Facility Name: COBB S2-QA Project: **DATA STUDY** Site ID: S2-QA Location ID: QCCAN Reporting Date: 9/26/2022 Received Temperature: 24.3 Location Descr:

F	PARAMETER EPA			QUA	QUALIFIER		<b>ANALYSIS</b>	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALY:	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 19757	73							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.7554	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0830	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	69.7805	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1496	ug/m3	0.0418	KL	7/14/2022		

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

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

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

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL03105 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/10/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Canister Number: 111218 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 6/13/2022 Canister Cleaned: Atlanta, GA 30354 Received By: HΖ Date Received: 7/12/2022 Sample ID: AL03106 Time Received: 12:08 PM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 24.5 Location Descr:

	ARAMETER EP	· <del>-</del>		QUALIFIER		ANALYSIS	MCL or	
ANALYTE	CODE NOTE METH	IOD RESULT	T UNITS	RL A	ANALY:	ST DATE	QC R	ange
ETO by EPA Method TO-15								
Bromofluorobenzene(Surrogate QC Std.	) EPA TO-1	5 AL	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide	EPA TO-1	5 AL	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-1	15							
Bromofluorobenzene(Surrogate QC Std.	) EPA TO-1	5 AL	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-1	15 AL	ug/m3	0.0418	KL	7/14/2022		

COMMENTS: \$ETO received in the lab at 17 in Hg. 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: 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

Sample ID: AL03106 Page 1

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

### **LABORATORY REPORT**

	Date Collected:	7/4/2022 0:00
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Time Collected: Sample Collector: Chlorination:	J. BRYANT
4244 International Pkwy Ste 120 Atlanta, GA 30354	Sample Type: Received By:	HZ
0 1 10 11 00110	Date Received:	7/12/2022
Sample ID: AL03113 Facility Name: COBB S2	Time Received:	12:08 PM
Site ID: S2	Project:	DATA STUDY
Location ID: QCCAN Location Descr:	Reporting Date: Received Temperature:	9/26/2022 24.2 °C

ANALYTE	PARAMETER CODE NO	EPA TE METHOD	RESULT	QUAI UNITS	JIFIER RL A	A NALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 197573								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.4743	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0847	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	67.7698	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1527	ug/m3	0.0418	KL	7/14/2022		

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

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

<: 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:** 

Duratury Curita	Lio.	
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

Sample ID: AL03113 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/4/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/12/2022 Sample ID: AL03114 Time Received: 12:07 PM Facility Name: FULTON F2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 24.0 Location Descr:

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL A	ΔΝΔΙ Υ	ANALYSIS ST DATE	MCL QC Ra	
ANALITE	OODL	NOTE INICITIOD	KLOULI	UNITS	INL A	NAL I	JI DAIL	QUIN	ange
ETO by EPA Method TO-15 QC B	atch 197573	3							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6444	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0878	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	68.9865	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1583	ug/m3	0.0418	KL	7/14/2022		

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

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

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

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

Sample ID: AL03114 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/4/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114394
4244 International Pkwy Ste 120	Canister Cleaned:	6/13/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 11 20115	Date Received:	7/7/2022
Sample ID: AL03115 Facility Name: SOUTH DEKALB	Time Received:	11:37 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	21.9 °C

J	PARAMET	ARAMETER EPA			QUALIFIER		<b>ANALYSIS</b>	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALY	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC B	atch 19750	05							
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	10.3417	ppbV		KL	7/12/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1075	ppbV	0.0232	KL	7/12/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	73.9743	ug/m3		KL	7/12/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1938	ug/m3	0.0418	KL	7/12/2022		

COMMENTS: \$ETO received in the lab at 5.6 psi.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AL03115 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/4/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/12/2022 Sample ID: AL03116 Time Received: 12:08 PM Facility Name: COVINGTON C2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 24.0 Location Descr:

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	DESIII T	QUA UNITS	LIFIER RL A	MAI V	ANALYSIS ST DATE	MCL QC Ra	
ANALITE	OODL	NOTE INCITIOD	RESULT	UNITS	NL F	MALI	31 DAIL	QU N	arige
ETO by EPA Method TO-15 QC B	atch 19757:	3							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.5677	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1319	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	68.4379	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2378	ug/m3	0.0418	KL	7/14/2022		

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

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

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

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL03116 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/4/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/12/2022 Sample ID: AL03117 Time Received: 12:08 PM Facility Name: FULTON F2-QA Project: **DATA STUDY** Site ID: F2-QA Location ID: Reporting Date: 9/26/2022 Received Temperature: 24.3 Location Descr:

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	PESIII T	QUA UNITS	LIFIER RL A	ΔΝΔΙ Υ	ANALYSIS ST DATE	MCL QC Ra	
ANALITE	0001	NOTE INCTITOR	KLOULI	UNITS	INL A	NAL I	JI DAIL	QUIN	ange
ETO by EPA Method TO-15 QC B	atch 197573	3							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6230	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1557	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	68.8334	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2807	ug/m3	0.0418	KL	7/14/2022		

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

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

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

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

Sample ID: AL03117 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/4/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
0 1 10 1100110	Date Received:	7/12/2022
Sample ID: AL03118 Facility Name: COVINGTON C2-QA	Time Received:	12:07 PM
Site ID: C2-QA	Project:	DATA STUDY
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	24.5 °C

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL /	ΔΝΔΙ Υ	ANALYSIS ST DATE	MCL QC Ra	
ANALITE	0001	NOTE INICITIOD	KLOULI	UNITS	INL /	NAL I	JI DAIL	QUIN	ange
ETO by EPA Method TO-15 QC B	atch 197573	3							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.6156	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1153	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	68.7805	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2078	ug/m3	0.0418	KL	7/14/2022		

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

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

<: less than MCL: Maximum Contaminant Level RL: Reporting Limit

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

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

Sample ID: AL03118 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/10/2022
	Time Collected:	0:00
TO: Co EDD Air Program	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110349
4244 International Pkwy Ste 120	Canister Cleaned:	6/13/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 11 20110	Date Received:	7/12/2022
Sample ID: AL03119 Facility Name: SOUTH DEKALB QA	Time Received:	12:08 PM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	24.1 °C

F	PARAMETE	ER EPA		QUA	LIFIER		<b>ANALYSIS</b>	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALYS	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 19757	<b>'</b> 3							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.4101	ppbV		KL	7/14/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1074	ppbV	0.0232	KL	7/14/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	67.3106	ug/m3		KL	7/14/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1936	ug/m3	0.0418	KL	7/14/2022		

COMMENTS: \$ETO received in the lab at 4.4 psi.

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AL03119 Page 1

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

### **LABORATORY REPORT**

Date Collected: 7/4/2022 Time Collected: 0:00 Sample Collector: C. KNOX TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/8/2022 Sample ID: AL03120 Time Received: 12:43 PM Facility Name: General Coffee Project: **DATA STUDY** Site ID: 013-069-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.6 Location Descr:

	PARAMET			Q	UALIFIE	R		ANALYSIS	MCL	. or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 1975	05								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	10.3221	ppbV			KL	7/12/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0458	ppbV	SQ 2	0.0232	2 KL	7/12/2022		
ETO Results by EPA Method TO	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	73.8341	ug/m3			KL	7/12/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0826	ug/m3	SQ 2	0.0418	3 KL	7/12/2022		

COMMENTS: \$ETO received in the lab at 20 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

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

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL03120 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: C. KNOX TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 7/25/2022 Sample ID: AL04051 Time Received: 10:28 AM Facility Name: GENERAL COFFEE Project: **DATA STUDY** Site ID: 013-069-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.6 Location Descr:

	PARAMETE	R EPA		Q	UALIFIE	R		ANALYSIS	MCL	or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19779	3								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.0574	ppbV			KL	7/26/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0463	ppbV	SQ 2	0.0232	2 KL	7/26/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	64.7877	ug/m3			KL	7/26/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0835	ug/m3	SQ 2	0.0418	3 KL	7/26/2022		

COMMENTS: \$ETO received in the lab at 20 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

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

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

**Laboratory Contacts:** 

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL04051 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/16/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
0 1 10 110 110 110 110 110 110 110 110	Date Received:	8/1/2022
Sample ID: AL04052 Facility Name: COBB S2	Time Received:	11:12 AM
Site ID: S2	Project:	DATA STUDY
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	19.8 °C

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	Ql UNITS	JALIFIE		ANALYS	ANALYSIS F DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC B	atch 19792	2								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.2424	ppbV			KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0447	ppbV	SQ	0.0232	. KL	8/2/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	66.111	ug/m3			KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0806	ug/m3	SQ	0.0418	KL	8/2/2022		

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

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

<: less than MCL: Maximum Contaminant Level RL: Reporting Limit

VIOL: Violation (result exceeds MCL)

LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

**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

Sample ID: AL04052 Page 1

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

### **LABORATORY REPORT**

	Date Collected:	7/16/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
0 1 10 110 110 110 110 110 110 110 110	Date Received:	8/1/2022
Sample ID: AL04053 Facility Name: COBB S6-SA	Time Received:	11:12 AM
Site ID: S6-SA	Project:	DATA STUDY
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	25.1 °C

ı	PARAMETE	R EPA		QUA	LIFIER		<b>ANALYSIS</b>	MCL	or_
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 197922	2							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.1904	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0762	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	65.739	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1374	ug/m3	0.0418	KL	8/2/2022		

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
ora/L: organisms/litor

<: 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

Sample ID: AL04053 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/16/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
0 1 10 1101051	Date Received:	8/1/2022
Sample ID: AL04054 Facility Name: FULTON F2	Time Received:	11:12 AM
Site ID: F2	Project:	DATA STUDY
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	20.5 °C

	PARAMETER EPA			QUA		ANALYSIS	MCL or		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	ANALYS	T DATE	QC Ra	ange
ETO by EPA Method TO-15 QC E	Batch 1979	22							
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.4189	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1440	ppbV	0.0232	KL	8/2/2022		
<b>ETO Results by EPA Method TO</b>	-15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	67.3735	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2596	ug/m3	0.0418	KL	8/2/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AL04054 Page 1

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

### **LABORATORY REPORT**

	Date Collected:	7/16/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	J. BRYANT
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Chlorination:	
4244 International Pkwy Ste 120	Sample Type:	
Atlanta, GA 30354	Received By:	HZ
O LIB ALOGO	Date Received:	8/1/2022
Sample ID: AL04055 Facility Name: COVINGTON C2	Time Received:	11:12 AM
Site ID: C2	Project:	DATA STUDY
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	23.4 °C

F	PARAMETER EPA			QUA		<b>ANALYSIS</b>	MCL or		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 19792	2							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.3091	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0950	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	66.5881	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1712	ug/m3	0.0418	KL	8/2/2022		

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

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

<: 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:** 

v	Chalory Conta	uis.	
	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

Sample ID: AL04055 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/1/2022 Sample ID: AL04056 Time Received: 11:13 AM Facility Name: COBB S7-SA Project: **DATA STUDY** Site ID: S7-SA Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.5 Location Descr:

	PARAMETEI CODE	R EPA NOTE METHOD	DECLUT	• -	LIFIER		ANALYSIS	MCL	
ANALYTE	CODE	NOIE METHOD	RESULI	UNITS	RL /	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 197922	2							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.2823	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1181	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	66.3964	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2129	ug/m3	0.0418	KL	8/2/2022		

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

Sample ID: AL04056 Page 1

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

### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/1/2022 Sample ID: AL04057 Time Received: 11:13 AM Facility Name: FULTON F1-SA Project: **DATA STUDY** Site ID: F1-SA Location ID: Reporting Date: 9/26/2022 Received Temperature: 26.1 Location Descr:

I	PARAMETER CODE N	R EPA	DEGLUT	• -	LIFIER RL /	ANIAI VE	ANALYSIS	MCL	
ANALTIE	CODE	OIE METHOD	RESULI	UNITS	KL /	ANALTS	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 197922								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.4308	ppbV		KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1632	ppbV	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	67.4586	ug/m3		KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2942	ug/m3	0.0418	KL	8/2/2022		

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

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

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

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

Sample ID: AL04057 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/1/2022 Sample ID: AL04058 Time Received: 11:12 AM Facility Name: COVINGTON C3-SA Project: **DATA STUDY** Site ID: C3-SA Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.4 Location Descr:

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QL UNITS	JALIFIE		A ANALYS	ANALYSIS DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 197922	2								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.2160	ppbV			KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0702	ppbV	SQ	0.0232	. KL	8/2/2022		
ETO Results by EPA Method TO-	·15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	65.9222	ug/m3			KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1265	ug/m3	SQ	0.0418	KL	8/2/2022		

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

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

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

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL04058 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114350 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 6/27/2022 Atlanta, GA 30354 Received By: ΗZ Date Received: 7/19/2022 Sample ID: AL04060 Time Received: 12:16 PM Facility Name: SOUTH DEKALB QA Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Location Descr: Received Temperature: 23.4

ANALYTE	PARAMETER EPA CODE NOTE METHOD	RESULT	QUA UNITS	LIFIER RL A	NALY:	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	-		• • • • • • • • • • • • • • • • • • • •					
Bromofluorobenzene(Surrogate QC Sto		9.5733	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0923	ppbV	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-	15							
Bromofluorobenzene(Surrogate QC Sto	I.) EPA TO-15	68.4779	ug/m3		KL	7/21/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.1664	ug/m3	0.0418	KL	7/21/2022		
<b>ETO NATTS QA Replicate Precis</b>	ion		_					
Ethylene Oxide	EPA TO-15	8.00	%RPD		KL	7/21/2022		25
ETO QA Replicate Result								
Bromofluorobenzene(Surrogate QC Sto	I.) EPA TO-15	9.7068	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0852	Vdqq	0.0232	KL	7/21/2022		

COMMENTS: \$ETO received in the lab at 0.5 in Hg.

ug/L: micrograms/liter <: less than **Laboratory Contacts:** mg/L: milligrams/liter MCL: Maximum Contaminant Level Lab Director: Mark Tolbert 470-524-0577 mg/kg: milligrams/kilogram RL: Reporting Limit Inorganics: Carmen Pyles 470-524-0629 ug/kg: micrograms/kilogram LSPC: result less than lower specification Metals: Shene Jones 470-524-0544 ug/g: micrograms/gram USPC: result greater than upper specification Organics: Mary Bowman 470-524-0639 ppm: parts per million TIE: Tentatively Identified or Estimated GC Mass Spec: Ralph Schulz 470-524-0684 ppb: parts per billion VIOL: Violation (result exceeds MCL) org/L: organisms/liter Microbiology: Mary Bowman 470-524-0709

Sample ID: AL04060 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/22/2022
	Time Collected:	0:00
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120	Sample Collector:	H. STREET
	Canister Number:	111215
	Canister Cleaned:	6/27/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 110101	Date Received:	7/26/2022
Sample ID: AL04061 Facility Name: SOUTH DEKALB	Time Received:	1:26 PM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	23.5 °C

ı	PARAMETE	R EPA		QUA	LIFIER		<b>ANALYSIS</b>	MCL	. or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALYS	ST DATE	QC Ra	ange
ETO by EPA Method TO-15 QC B	atch 197846	6							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.3684	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0841	ppbV	0.0232	KL	7/28/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	67.0123	ug/m3		KL	7/28/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1516	ug/m3	0.0418	KL	7/28/2022		

COMMENTS: \$ETO received in the lab at 0 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

VIOL: Violation (result exceeds MCL)

LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

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

Sample ID: AL04061 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/22/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 110336 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 6/27/2022 Atlanta, GA 30354 Received By: ΗZ Date Received: 7/26/2022 Sample ID: AL04062 Time Received: 1:26 PM Facility Name: SOUTH DEKALB QA Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Location Descr: Received Temperature: 26.5

ANALYTE	PARAMETER CODE N	EPA OTE METHOD	RESULT	QUA UNITS	LIFIER RL /	ANALY:	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Batch 197846								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.1838	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0923	ppbV	0.0232	KL	7/28/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	65.6918	ug/m3		KL	7/28/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1664	ug/m3	0.0418	KL	7/28/2022		
<b>ETO NATTS QA Replicate Precis</b>	sion								
Ethylene Oxide		EPA TO-15	9.49	%RPD		KL	7/28/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.1243	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1015	ppbV	0.0232	KL	7/28/2022		

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

ug/L: micrograms/liter <: less than **Laboratory Contacts:** mg/L: milligrams/liter MCL: Maximum Contaminant Level Lab Director: Mark Tolbert 470-524-0577 mg/kg: milligrams/kilogram RL: Reporting Limit Inorganics: Carmen Pyles 470-524-0629 ug/kg: micrograms/kilogram LSPC: result less than lower specification Metals: Shene Jones 470-524-0544 ug/g: micrograms/gram USPC: result greater than upper specification Organics: Mary Bowman 470-524-0639 ppm: parts per million TIE: Tentatively Identified or Estimated GC Mass Spec: Ralph Schulz 470-524-0684 ppb: parts per billion VIOL: Violation (result exceeds MCL) org/L: organisms/liter Microbiology: Mary Bowman 470-524-0709

Sample ID: AL04062 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114321 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 6/27/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 7/19/2022 Sample ID: AL04063 Time Received: 12:16 PM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 23.1 Location Descr:

F	PARAMET	ER EPA		QUA	LIFIER		<b>ANALYSIS</b>	MCL	. or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALY:	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 19771	17							
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.3725	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0853	ppbV	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	67.0416	ug/m3		KL	7/21/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1538	ug/m3	0.0418	KL	7/21/2022		

COMMENTS: \$ETO received in the lab at 4.8 psi.

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

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

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

Sample ID: AL04063 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/22/2022
	Time Collected:	0:00
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring 4244 International Pkwy Ste 120	Sample Collector:	H. STREET
	Canister Number:	117224
	Canister Cleaned:	6/27/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 110101	Date Received:	7/26/2022
Sample ID: AL04064 Facility Name: SOUTH DEKALB	Time Received:	1:25 PM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	21.9 °C

ı	PARAMETE	R EPA		QUA	LIFIER		<b>ANALYSIS</b>	MCL	. or
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS	RL A	NALY	ST DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 197846	6							
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.5010	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0862	ppbV	0.0232	KL	7/28/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	67.9608	ug/m3		KL	7/28/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1554	ug/m3	0.0418	KL	7/28/2022		

COMMENTS: \$ETO received in the lab at 4.4 psi.

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

<: less than MCL: Maximum Contaminant Level RL: Reporting Limit

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

**Laboratory Contacts:** 

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL04064 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/16/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114309 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 6/27/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 7/19/2022 Sample ID: AL04065 Time Received: 12:16 PM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 25.6 Location Descr:

I ANALYTE	PARAMETI CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE			ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	atch 19771	17								
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	9.5131	ppbV			KL	7/21/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0704	ppbV	SQ	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	68.0473	ug/m3			KL	7/21/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1269	ug/m3	SQ	0.0418	KL	7/21/2022		

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

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

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

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

Sample ID: AL04065 Page 1

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

### **LABORATORY REPORT**

	Date Collected: Time Collected:	7/16/2022 0:00
TO: Ga EPD Air Program  EPD Air Prot Ambient Monitoring	Sample Collector: Canister Number:	H. STREET 114332
4244 International Pkwy Ste 120 Atlanta, GA 30354	Canister Cleaned: Received By:	6/27/2022 HZ
0 1 10 110 110 110 110 110 110 110 110	Date Received:	7/19/2022
Sample ID: AL04066 Facility Name: SOUTH DEKALB	Time Received:	12:16 PM
Site ID: 013-089-0002	Project:	AIR
Location ID: Location Descr:	Reporting Date: Received Temperature:	9/26/2022 21.7 °C

ANALYTE	PARAMETE CODE	R EPA NOTE METHOD	RESULT	QUA UNITS	LIFIER RL <i>A</i>		ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC E	Satch 197717	7							
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	8.9223	ppbV		KL	7/21/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0838	ppbV	0.0232	KL	7/21/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	63.8213	ug/m3		KL	7/21/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1511	ug/m3	0.0418	KL	7/21/2022		

COMMENTS: \$ETO received in the lab at 0.5 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

Sample ID: AL04066 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/26/2022
	Time Collected:	0:00
TO: Co EDD Air Program	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114393
4244 International Pkwy Ste 120	Canister Cleaned:	7/11/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 11 05050	Date Received:	7/29/2022
Sample ID: AL05250 Facility Name: SOUTH DEKALB	Time Received:	11:56 AM
Site ID: 013-089-0002	Project:	AIR
Location ID: QCCAN	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	24.1 °C

ANALYTE	PARAMETER CODE N	EPA OTE METHOD	RESULT	QU UNITS	ALIFIE		A ANALYST	NALYSIS DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	Batch 197922									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.3502	ppbV			KL	8/2/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0488	ppbV	SQ	0.0232	KL	8/2/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	66.8821	ug/m3			KL	8/2/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.088	ug/m3	SQ	0.0418	KL	8/2/2022		

COMMENTS: \$ETO received in the lab at 5.8 psi. This is an ETO makeup sample for 7-10-2022.

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

Sample ID: AL05250 Page 1

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

### **LABORATORY REPORT**

Date Collected: 7/26/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114391 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 7/11/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 7/29/2022 AL05251 Sample ID: Time Received: 11:56 AM Facility Name: SOUTH DEKALB QA Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 9/26/2022 Location Descr: Received Temperature: 24.1

PA ANALYTE	RAMETER EPA CODE NOTE METHO	D RESULT	Q UNITS	UALIFIE		ANALYS	ANALYSIS T DATE	MCL QC R	
ETO by EPA Method TO-15 QC Bato	ch 197922								
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3607	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0492	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-15									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	66.9572	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO-15	0.0887	ug/m3	SQ	0.0418	KL	8/3/2022		
<b>ETO NATTS QA Replicate Precision</b>	1								
Ethylene Oxide	EPA TO-15	14.9	%RPD			KL	8/3/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std.)	EPA TO-15	9.3520	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO-15	0.0571	Vdqq	SQ	0.0232	KL	8/3/2022		

COMMENTS: \$ETO received in the lab at 5.2 psi. This is an ETO makeup sample for 7-10-2022.

Sample ID: AL05251 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/5/2022 Sample ID: AL05252 Time Received: 11:26 AM Facility Name: COBB S2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.4 Location Descr:

-	PARAMETER EPA			QUALIFIER			-	NALYSIS		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	DATE	QC R	ange
ETO by EPA Method TO-15 QC Ba	atch 1980	47								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.1504	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0482	ppbV	SQ	0.0232	2 KL	8/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	65.4529	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0869	ug/m3	SQ	0.0418	8 KL	8/9/2022		

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

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

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

Lab Director: Mark Tolbert 470-524-0577 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

Sample ID: AL05252 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/22/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	110259
4244 International Pkwy Ste 120	Canister Cleaned:	7/11/2022
Atlanta, GA 30354	Received By:	HZ
O LIB ALOSOSO	Date Received:	7/26/2022
Sample ID: AL05253 Facility Name: SOUTH DEKALB	Time Received:	1:26 PM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	24.9 °C

ANALYTE	PARAMETER CODE N	EPA OTE METHOD	RESULT	QUA UNITS	LIFIER RL A	ANALYS	ANALYSIS T DATE	MCL QC Ra	
ETO by EPA Method TO-15 QC E	Batch 197846								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.7705	ppbV		KL	7/28/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0880	ppbV	0.0232	KL	7/28/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	69.8885	ug/m3		KL	7/28/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1586	ug/m3	0.0418	KL	7/28/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AL05253 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/27/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Trip Blank Atlanta, GA 30354 Received By: HΖ Date Received: 8/5/2022 Sample ID: AL05254 Time Received: 11:26 AM Facility Name: COBB S2 FB Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.6 Location Descr:

-	PARAMETER EPA			QUALIFIER			-	NALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19804	<b>17</b>								
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	9.9073	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	. KL	8/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	l.)	EPA TO-15	70.867	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL.	8/9/2022		

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

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

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

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

Sample ID: AL05254 Page 1

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

### **LABORATORY REPORT**

	Date Collected: Time Collected:	7/28/2022 0:00				
TO: Ga EPD Air Program	Sample Collector:	J. BRYANT				
EPD Air Prot Ambient Monitoring	Chlorination:					
4244 International Pkwy Ste 120	Sample Type:					
Atlanta, GA 30354	Received By:	HZ				
	Date Received:	8/5/2022				
Sample ID: AL05255 Facility Name: COVINGTON C2	Time Received:	11:26 AM				
Site ID: C2	Project:	DATA STUDY				
Location ID: Location Descr:	Reporting Date: Received Temperature:	9/26/2022 20.1 °C				

	PARAMETER EPA			QUALIFIER				ANALYSIS	MCL or	
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC E	3atch 1980	47								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.2166	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0640	ppbV	SQ	0.0232	2 KL	8/9/2022		
<b>ETO Results by EPA Method TO</b>	-15									
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	65.9264	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.1154	ug/m3	SQ	0.0418	3 KL	8/9/2022		

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

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

<: less than MCL: Maximum Contaminant Level

RL: Reporting Limit

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

**Laboratory Contacts:** 

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

Sample ID: AL05255 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/26/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Trip Blank Atlanta, GA 30354 Received By: HΖ Date Received: 8/5/2022 Sample ID: AL05256 Time Received: 11:26 AM Facility Name: COVINGTON C2 FB Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 23.4 Location Descr:

-	PARAMETER EPA			QUALIFIER			_	NALYSIS		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19804	<b>17</b>								
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	9.7783	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	2 KL	8/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Std	.)	EPA TO-15	69.9443	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	3 KL	8/9/2022		

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: 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

Sample ID: AL05256 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/27/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/5/2022 Sample ID: AL05257 Time Received: 11:26 AM Facility Name: FULTON F2 FB Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 22.6 Location Descr:

	PARAMETER EPA			QUALIFIER			-	NALYSIS		
ANALYTE	CODE	NOTE METHOD	RESULT	UNITS		RL	ANALYS	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 19804	47								
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	9.8780	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0	ppbV	ND	0.0232	. KL	8/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	l.)	EPA TO-15	70.6574	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0	ug/m3	ND	0.0418	KL.	8/9/2022		

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

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

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

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

Sample ID: AL05257 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: C KNOX TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/8/2022 Sample ID: AL05258 Time Received: 3:35 PM Facility Name: GENERAL COFFEE Project: **DATA STUDY** 013-069-0002 Site ID: Location ID: QCCAN Reporting Date: 9/26/2022 Received Temperature: 23.6 Location Descr:

	PARAMETEI	ARAMETER EPA			QUALIFIER			ANALYSIS		
ANALYTE	CODE 1	NOTE METHOD	RESULT	UNITS		RL	ANALYST	DATE	QC R	ange
ETO by EPA Method TO-15 QC B	atch 198047	•								
Bromofluorobenzene(Surrogate QC Sto	i.)	EPA TO-15	8.9930	ppbV			KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0486	ppbV	SQ 2	0.0232	2 KL	8/9/2022		
ETO Results by EPA Method TO-	15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	64.327	ug/m3			KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0876	ug/m3	SQ 2	0.0418	3 KL	8/9/2022		

COMMENTS: \$ETO received in the lab at 19.6 psi. Pressure difference of >0.5 psi between receipt from field and receipt in lab.

ug/L: micrograms/liter mg/L: milligrams/liter mg/kg: milligrams/kilogram ug/kg: micrograms/kilogram ug/g: micrograms/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

Sample ID: AL05258 Page 1

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

#### **LABORATORY REPORT**

	Date Collected:	7/28/2022
	Time Collected:	0:00
TO: Co EDD Air Drogram	Sample Collector:	H. STREET
TO: Ga EPD Air Program EPD Air Prot Ambient Monitoring	Canister Number:	114389
4244 International Pkwy Ste 120	Canister Cleaned:	7/11/2022
Atlanta, GA 30354	Received By:	HZ
0 1 10 110 11000	Date Received:	8/1/2022
Sample ID: AL05260 Facility Name: SOUTH DEKALB	Time Received:	11:13 AM
Site ID: 013-089-0002	Project:	AIR
Location ID:	Reporting Date:	9/26/2022
Location Descr:	Received Temperature:	21.0 °C

ANALYTE	PARAMETI CODE	ER EPA NOTE METHOD	RESULT	QI UNITS	JALIFIE		A ANALYST	NALYSIS DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	Batch 19792	22								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.1856	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0491	ppbV	SQ	0.0232	2 KL	8/3/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	65.7047	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.0885	ug/m3	SQ	0.0418	8 KL	8/3/2022		

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

ug/L: micrograms/liter mg/L: milligrams/kilogram ug/kg: milligrams/kilogram ug/g: 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

Sample ID: AL05260 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114322 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 7/11/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 8/1/2022 Sample ID: AL05261 Time Received: 11:12 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Received Temperature: 21.7 Location Descr:

ANALYTE	PARAMETEI CODE	R EPA NOTE METHOD	RESULT	QL UNITS	JALIFIE		A ANALYS	ANALYSIS F DATE	MCL QC R	
ETO by EPA Method TO-15 QC B	Satch 197922	<u> </u>								
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	9.1790	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.0488	ppbV	SQ	0.0232	KL	8/3/2022		
ETO Results by EPA Method TO-	-15									
Bromofluorobenzene(Surrogate QC Sto	d.)	EPA TO-15	65.6575	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.088	ug/m3	SQ	0.0418	KL	8/3/2022		

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: 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

Sample ID: AL05261 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: J. BRYANT TO: Ga EPD Air Program Chlorination: **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Sample Type: Atlanta, GA 30354 Received By: ΗZ Date Received: 8/5/2022 Sample ID: AL05262 Time Received: 11:26 AM Facility Name: FULTON F2 Project: **DATA STUDY** Site ID: Location ID: Reporting Date: 9/26/2022 Received Temperature: 20.1 Location Descr:

	PARAMETER	EPA		QUA	LIFIER		ANALYSIS	MCL	or
ANALYTE	CODE NOT	E METHOD	RESULT	UNITS	RL A	ANALYS	T DATE	QC R	ange
ETO by EPA Method TO-15 QC E	Batch 198047								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	9.4133	ppbV		KL	8/9/2022	8 to	12
Ethylene Oxide		EPA TO-15	0.1439	ppbV	0.0232	KL	8/9/2022		
ETO Results by EPA Method TO	-15								
Bromofluorobenzene(Surrogate QC St	d.)	EPA TO-15	67.3334	ug/m3		KL	8/9/2022	57.22 to	85.84
Ethylene Oxide		EPA TO-15	0.2594	ug/m3	0.0418	KL	8/9/2022		

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

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

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

**Laboratory Contacts:** 

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

Sample ID: AL05262 Page 1

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

### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114379 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 7/11/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 8/1/2022 Sample ID: AL05263 Time Received: 11:13 AM Facility Name: south dekalb ga Project: AIR Site ID: 013-089-0002 Location ID: Reporting Date: 9/26/2022 Location Descr: Received Temperature: 23.6

F ANALYTE	PARAMETER EF CODE NOTE MET	PA HOD RESULT	UNITS	QUALIFIE		ANALYS	ANALYSIS ST DATE	MCL QC R	
ETO by EPA Method TO-15 QC Ba	atch 197922								
Bromofluorobenzene(Surrogate QC Std	.) EPA TO	-15 9.7100	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO	-15 0.0560	ppbV	SQ	0.0232	2 KL	8/3/2022		
ETO Results by EPA Method TO-	15								
Bromofluorobenzene(Surrogate QC Std	.) EPA TO	-15 69.4557	ug/m3			KL	8/3/2022	57.22 to	85.84
Ethylene Oxide	EPA TO	-15 0.1009	ug/m3	SQ	0.0418	3 KL	8/3/2022		
<b>ETO NATTS QA Replicate Precisi</b>	on								
Ethylene Oxide	EPA TO	-15 6.40	%RPD			KL	8/3/2022		25
ETO QA Replicate Result									
Bromofluorobenzene(Surrogate QC Std	.) EPA TO	-15 9.7431	ppbV			KL	8/3/2022	8 to	12
Ethylene Oxide	EPA TO	-15 0.0597	Vdqq	SQ	0.0232	2 KL	8/3/2022		

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: 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

Sample ID: AL05263 Page 1

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

#### **LABORATORY REPORT**

Date Collected: 7/28/2022 Time Collected: 0:00 Sample Collector: H. STREET TO: Ga EPD Air Program Canister Number: 114378 **EPD Air Prot Ambient Monitoring** 4244 International Pkwy Ste 120 Canister Cleaned: 7/11/2022 Atlanta, GA 30354 Received By: HΖ Date Received: 8/1/2022 Sample ID: AL05264 Time Received: 11:12 AM Facility Name: SOUTH DEKALB Project: AIR Site ID: 013-089-0002 Reporting Date: Location ID: 9/26/2022 Received Temperature: 19.9 Location Descr:

						MCL	
CODE NOTE METHO	DD RESULT	UNITS	RL A	NALYS	TDAIL	QC R	ange
ch 197922							
EPA TO-15	9.8765	ppbV		KL	8/2/2022	8 to	12
EPA TO-15	0.0827	ppbV	0.0232	KL	8/2/2022		
5							
EPA TO-15	70.6467	ug/m3		KL	8/2/2022	57.22 to	85.84
EPA TO-15	0.1491	ug/m3	0.0418	KL	8/2/2022		
	CODE NOTE METHO ch 197922 EPA TO-15 EPA TO-15	CODE NOTE METHOD RESULT  ch 197922  EPA TO-15 9.8765 EPA TO-15 0.0827  EPA TO-15 70.6467	CODE NOTE METHOD RESULT UNITS  ch 197922  EPA TO-15 9.8765 ppbV  EPA TO-15 0.0827 ppbV  EPA TO-15 70.6467 ug/m3	CODE NOTE METHOD RESULT UNITS RL A  ch 197922  EPA TO-15 9.8765 ppbV  EPA TO-15 0.0827 ppbV 0.0232  EPA TO-15 70.6467 ug/m3	CODE NOTE METHOD RESULT UNITS RL ANALYS  ch 197922  EPA TO-15 9.8765 ppbV KL  EPA TO-15 0.0827 ppbV 0.0232 KL  EPA TO-15 70.6467 ug/m3 KL	CODE NOTE METHOD RESULT UNITS RL ANALYST DATE  ch 197922  EPA TO-15 9.8765 ppbV KL 8/2/2022  EPA TO-15 0.0827 ppbV 0.0232 KL 8/2/2022  EPA TO-15 70.6467 ug/m3 KL 8/2/2022	CODE NOTE METHOD RESULT UNITS RL ANALYST DATE QC R  ch 197922  EPA TO-15 9.8765 ppbV KL 8/2/2022 8 to EPA TO-15 0.0827 ppbV 0.0232 KL 8/2/2022  EPA TO-15 70.6467 ug/m3 KL 8/2/2022 57.22 to

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:** 

U	boratory 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						

Sample ID: AL05264 Page 1