GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

EPD Director's Office
2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
404-656-4713

November 8, 2021

MEMORANDUM

To: Karen Hays, Air Branch Chief KH

Through: James Boylan, Assistant Branch Chief

From: DeAnna Oser, Ambient Monitoring Program Manager

RE: General Coffee December 29, 2020 – January 16, 2021 Revised Sampling Results for Ethylene Oxide

Samples of Ethylene Oxide (EtO) were scheduled to be collected by the Ambient Monitoring Program at our General Coffee monitoring station December 29, 2020 to January 16, 2021. The sample on January 4, 2021, was collected successfully; however, due to malfunctions with the sampling equipment, the scheduled samples were not collected on the dates indicated and are coded accordingly. The samples listed as AF indicate that the sample was scheduled but not collected. 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 code of "U" was given by ERG to indicate that the sample was under detection limit. Please note that ERG is now providing values for levels below the detection limit.

Location	Date	Qualifier	EtO Concentration (ug/m^3)
General Coffee	12/29/2020		AF
General Coffee	01/04/2021	U, 2	0.04
General Coffee	01/10/2021		AF
General Coffee	01/16/2021		AF

If you have any questions, please let me know.

DGO/do

Eastern Research Group
601 Keystone Park Drive
Suite 700
Morrisville, NC 27560

March 04, 2021

Ms. Jaime Gore
U.S. Environmental Protection Agency, Region 4
4244 International Pkwy, Suite 120
Atlanta, GA 30354
Project Name: General Coffee

Dear Ms. Jaime Gore,

This report contains the analytical results for the sample(s) received under chain(s) of custody by Eastern Research Group on 01/19/21 13:34.

Values below the MDL for QC results in this report are recorded as ND, however the actual values are reported in the accompanying Excel report with a "U" flag (Under the detection limit). The actual values are reported in AQS.

This test is accredited under the 2016 TNI Standard for Environmental Laboratories (FL DOH Certification # E87673). All analyses were performed as described in the US EPA-approved QAPP, under the contract for UATMP, NATTS, CSATAM, PAMS and NMOC support (US EPA Contract No. EP-D-14-030). This cover page is an integral part of this report, and any exceptions or comments are noted on the last page.

Release of the data contained in this data package and in the data submitted in the electronic data deliverable, has been authorized by the Program Manager, or the Program Manager's designee as verified by the following signature.

The issuance of the final Certificate of Analysis takes precedence over any previous Report. If you have any questions, please contact me at 919-468-7924.

Sincerely,

Julie Swift
Program Manager
julie.swift@erg.com

CERTIFICATE OF ANALYSIS

U.S. Environmental Protection Agency, Region 4
4244 International Pkwy, Suite 120
Atlanta, GA 30354
ATTN: Ms. Jaime Gore
PHONE: (404) 362-4912 **FAX:** (919) 541-0516

FILE #: 4222.00
REPORTED: 03/04/21 16:09
SUBMITTED: 01/19/21
AQS SITE CODE:
SITE CODE: General Coffee

ANALYTICAL REPORT FOR SAMPLES

SampleName	LabNumber	Matrix	Sampled	Received
General Coffee	1011926-01	Air	01/04/21 23:59	01/19/21 13:34

Description: General Coffee **Lab ID:** 1011926-01 **Sampled:** 01/04/21 23:59
Pressure @ Receipt: 23.75 psig **Canister #:** 33243 **Received:** 01/19/21 13:34
Comments: Make-Up for 12/29/20 **Analyzed:** 01/22/21 18:30

Air Toxics by EPA Compendium Method TO-15

	Results			MDL
Analyte	**ppbv**	**ug/m³**	**Flag**	**ppbv**
Ethylene oxide	0.0239	0.04	U	0.0285

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Analyte	Result	Units	Source Result	RPD	RPD Limit	Notes

Air Toxics by EPA Compendium Method TO-15 - Quality Control

Batch B1A2204 - Summa Canister Prep

Blank (B1A2204-BLK1) Prepared & Analyzed: 01/22/21

Ethylene oxide	ND	ppbv				U

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Analyte	Result	Units	% Difference	Limit (%)	Notes

Air Toxics by EPA Compendium Method TO-15 - Quality Control

Sequence 2101041

Calibration Check (2101041-CCV1) Prepared & Analyzed: 01/22/21

Ethylene oxide	2.88	ppbv	19.0	30.00	

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Notes and Definitions

U	Under Detection Limit
ND	Analyte NOT DETECTED
NR	Not Reported
MDL	Method Detection Limit
RPD	Relative Percent Difference

Note: This test is accredited under the 2016 TNI Standard; however the following analytes are not accredited: acetylene, bromodichloroethane, dichlorotetrafluoromethane, ethyl tert butyl ether, n-octane, tert amyl methyl ether, trichlorofluoroethane, and bromochloromethane.