



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

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Air Protection Branch

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MEMORANDUM:

TO: Stephen Damaske
THROUGH: Daniel McCain
FROM: Marie Miller
SUBJECT: SOURCE TEST REPORT REVIEW

The following test has been reviewed and was conducted in an acceptable fashion for the purpose intended.

COMPANY NAME	BD (Becton, Dickinson and Company)
COMPANY LOCATION	Covington, GA
SOURCE TESTED	System SYS1
POLLUTANT DETERMINED	Ethylene Oxide
REPORT REVIEWED BY	Marie Miller
TEST WITNESSED BY	Bob Scott, Ray Shen
DATE(S) OF TEST	March 26, 2021
DATE RECEIVED BY APB	May 28, 2021
APPLICABLE REGULATION	EPD Consent Order dated October 28, 2019

MEMORANDUM

System 1 (SYS1) captures emissions from the five Sterilization Vessel Rooms (VRM1 - VRM5), the Vessel to Aeration Transfer Corridor (NC01) and the EtO Dispensing Room (DRM1). Samples were collected into Summa Canisters using EPA Method TO-15 and analyzed via GC/MS in Selective Ion Monitoring (SIM) Mode.

Ethylene Oxide (EtO)

	Concentration (ug/m ³)	Flow (dscfm)	Mass rate (lb/hr)
Inlet	470	23,566	0.0415
Outlet	1.8	26,093	0.0002

DRE of Dry Bed System (SYS1) is 99.6%.