



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Air Protection Branch
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MEMORANDUM:

TO: Stephen Damaske
 THROUGH: Daniel McCain
 FROM: Joshua Pittman
 SUBJECT: SOURCE TEST REPORT REVIEW

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

COMPANY NAME	Sterilization Services of Georgia				
COMPANY LOCATION	Atlanta, GA				
SOURCE TESTED	Chemroxx Scrubber Outlet - Chamber 2				
POLLUTANT DETERMINED	Ethylene Oxide				
REPORT REVIEWED BY	Joshua Pittman				
TEST WITNESSED BY	Marie Miller, Ray Shen				
DATE(S) OF TEST	February 23, 2021				
DATE RECEIVED BY APB	April 27, 2021				
MAXIMUM EXPECTED OPERATING CAPACITY	8 UNITS				
OPERATING CAPACITY	0 UNITS				
ALLOWABLE EMISSION RATE	99.0 % DRE				
APPLICABLE REGULATION	Permit 3841-121-0010-S-03-0; Condition 2.4 and 40 CFR 63.362				
CONTROL EQUIPMENT AND MONITORING DATA	Liquid Glycol % (Before/After) = 14.7/14.7 See Appendix K of test report.				
	TEST RUN #	1	2	3	AVERAGE
GAS TEMPERATURE (°F)	Inlet				
	Outlet	63.6	71.8	61.7	
GAS MOISTURE (%)	Inlet				
	Outlet	1.58	1.36	1.26	
GAS FLOW RATE (ACFM)	Inlet				
	Outlet	116	83	99	
GAS FLOW RATE (DSCFM)	Inlet				
	Outlet	112	78	96	
POLLUTANT CONCENTRATION (PPM)	Inlet				
	Outlet	69.09	79.32	75.14	74.51
EMISSION RATE (LB/MIN)	Inlet	1.585	3.583	1.427	2.198
	Outlet	0.000882	0.000709	0.000826	0.000805
DESTRUCTION EFFICIENCY (%)	99.96				
OTHER INFORMATION	Inlet emission rate is based on the amount of ethylene oxide charged to the sterilization chamber.				