

MEMORANDUM

TO: William Fleming
THROUGH: Daniel McCain
FROM: Joanna Pecko
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 ADDRESS		Atlanta, GA			
SOURCE TESTED		FE1 AAT Scrubber			
POLLUTANT DETERMINED		Ethylene Oxide			
REPORT REVIEWED BY		Joanna Pecko			
TEST WITNESSED BY		N/A			
DATE(S) OF TEST		March 17, 2023			
DATE RECEIVED BY APB		May 30, 2023			
APPLICABLE REQUIREMENT		Permit No. 3841-121-0010-S-03-0			
MAXIMUM EXPECTED OPERATING CAPACITY					
OPERATING CAPACITY					
ALLOWABLE EMISSION RATE(S)		N/A			
CONTROL EQUIPMENT AND MONITORING DATA		N/A			
TEST RUN #		1	2	3	AVERAGE
GAS TEMPERATURE (°F)	INLET	66.0	65.6	66.7	
	OUTLET	69.0	68.1	67.5	
GAS MOISTURE (%)	INLET	1.92	1.82	1.61	
	OUTLET	1.55	1.51	1.38	
GAS FLOW RATE (ACFM)	INLET	5108	4973	5151	
	OUTLET	6253	5827	5935	
GAS FLOW RATE (DSCFM)	INLET	4874	4754	4925	
	OUTLET	5957	5562	5679	
POLLUTANT CONCENTRATION (PPM)	INLET	0.078	0.078	0.078	0.078
	OUTLET	0.003	0.003	0.003	0.003
EMISSION RATE (LB/HR)	INLET	0.003	0.003	0.003	0.003
	OUTLET	0.000137	0.000128	0.000133	0.000132
DESTRUCTION EFFICIENCY (%)		94.9			
OTHER INFORMATION		<p>Due to there being not enough recent activity to emit EtO into the system, all inlet and outlet results were below the minimum detectable limit. The minimum detection limit was used to calculate the concentration and emission rate for all runs.</p> <p>For FE1 testing, the sterilization chambers were being unloaded.</p>			