

**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.

<b>COMPANY NAME</b>		Sterilization Services of Georgia			
<b>COMPANY ADDRESS</b>		Atlanta, GA			
<b>SOURCE TESTED</b>		Backvents - BV AAT Scrubber			
<b>POLLUTANT DETERMINED</b>		Ethylene Oxide			
<b>REPORT REVIEWED BY</b>		Joanna Pecko			
<b>TEST WITNESSED BY</b>		N/A			
<b>DATE(S) OF TEST</b>		March 16, 2023 to March 17, 2023			
<b>DATE RECEIVED BY APB</b>		May 30, 2023			
<b>APPLICABLE REQUIREMENT</b>		Permit No. 3841-121-0010-S-03-0; Condition 2.6			
<b>MAXIMUM EXPECTED OPERATING CAPACITY</b>					
<b>OPERATING CAPACITY</b>					
<b>ALLOWABLE EMISSION RATE(S)</b>		99.0 % DRE			
<b>CONTROL EQUIPMENT AND MONITORING DATA</b>		Average differential pressure: 0.75 in H <sub>2</sub> O. See Appendix K of test report.			
<b>TEST RUN #</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>AVERAGE</b>
<b>GAS TEMPERATURE</b> (°F)	<b>INLET</b>	83.2	82.9	83.0	
	<b>OUTLET</b>	60.6	60.6	60.5	
<b>GAS MOISTURE (%)</b>	<b>INLET</b>	0.68	0.92	1.82	
	<b>OUTLET</b>	0.65	0.82	0.75	
<b>GAS FLOW RATE</b> (ACFM)	<b>INLET</b>	1634	1021	1736	
	<b>OUTLET</b>	1564	1572	2048	
<b>GAS FLOW RATE</b> (DSCFM)	<b>INLET</b>	1545	963	1606	
	<b>OUTLET</b>	1543	1549	1998	
<b>POLLUTANT CONCENTRATION</b> (PPM)	<b>INLET</b>	48.11	225.2	14.73	96.01
	<b>OUTLET</b>	0.004	0.012	0.003	0.006
<b>EMISSION RATE</b> (LB/HR)	<b>INLET</b>	0.510	1.488	0.162	0.720
	<b>OUTLET</b>	0.000000621	0.00000208	0.000000771	0.000001157
<b>DESTRUCTION EFFICIENCY (%)</b>		99.9998			
<b>OTHER INFORMATION</b>		The outlet results for Run 1 and Run 3 were below the minimum detection limit. The minimum detection limit was used to calculate the concentration and emission rate for Run 1 and Run 3.			