

# Georgia Department of Natural Resources

Environmental Protection Division · Air Protection Branch

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Judson H. Turner, Director

**MEMORANDUM:**

TO: Michael Odom  
 THROUGH: Ross Winne, Richard Taylor *RBW*  
 FROM: Anna Gray  
 SUBJECT: SOURCE TEST REPORT REVIEW

OCT 11 2012

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

COMPANY NAME	Bard C R Inc Urologic
COMPANY LOCATION	Covington, GA
SOURCE TESTED	Areation Cells
POLLUTANT DETERMINED	Ethylene Oxide
REPORT REVIEWED BY	Anna Gray
TEST WITNESSED BY	Not Witnessed
DATE(S) OF TEST	July 18, 2012
DATE RECEIVED BY APB	September 11, 2012
MAXIMUM EXPECTED OPERATING CAPACITY	104 UNITS
OPERATING CAPACITY	104 UNITS
ALLOWABLE EMISSION RATE	1 PPM ; 99 % DRE
APPLICABLE REGULATION	Permit No. 3841-217-0021-S-03-0 Part 2.3
CONTROL EQUIPMENT AND MONITORING DATA	RTO-1 Chamber temperature: 1435 deg. F

TEST RUN #		1	2	3	AVERAGE	
GAS TEMPERATURE (°F)	Inlet					
	Outlet					
GAS MOISTURE (%)	Inlet					
	Outlet					
GAS FLOW RATE (ACFM)	Inlet					
	Outlet					
GAS FLOW RATE (DSCFM)	Inlet					
	Outlet					
POLLUTANT CONCENTRATION (PPM)	Inlet	133.6	138.9	155.3		142.6
	Outlet	0.7	0.7	0.7		0.7
EMISSION RATE (N/A)	Inlet					
	Outlet					

DESTRUCTION EFFICIENCY (%)	99.50
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OTHER INFORMATION	The outlet concentration was non-detect. The lowest calibration standard of 0.7 ppm was used for calculations, therefore, it is indicated that the non-detects results are lower than 1ppm. The destruction efficiency is only an estimate that is based on inlet and outlet concentrations of EtO. The inlet sample ports are not sufficient size for volumetric flow rate measurement.
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