



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

Air Protection Branch

4244 International Parkway, Suite 120
Atlanta, Georgia 30354
404-363-7000

MEMORANDUM:

TO: Karen Hays
THROUGH: Richard Taylor
FROM: Sid Stephens
SUBJECT: SOURCE TEST REPORT REVIEW

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

COMPANY NAME	KPR U.S., LLC d/b/a Kendall Patient Recovery U.S., LLC				
COMPANY LOCATION	Augusta, GA				
SOURCE TESTED	Sterilization Chamber A (Source Code SA)				
POLLUTANT DETERMINED	Ethylene Oxide				
REPORT REVIEWED BY	Sid Stephens				
TEST WITNESSED BY	Not Witnessed				
DATE(S) OF TEST	November 23, 2009				
DATE RECEIVED BY APB	November 23, 2009				
MAXIMUM EXPECTED OPERATING CAPACITY	118 LB/Batch				
OPERATING CAPACITY	118 LB/Batch				
ALLOWABLE EMISSION RATE	99 % DRE				
APPLICABLE REGULATION	Permit No. 3842-245-0109-S-04-0; Condition 2.3 (40 CFR 63 Subpart O and Avoidance of 40 CFR Part 70)				
CONTROL EQUIPMENT AND MONITORING DATA	Catalytic Oxidizer (Source Code CO): Inlet Bed Temperature = 309 degrees F; Outlet Bed Temperature = 310 degrees 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	138.1	120.3	54.6	104
	Outlet	0.34	0.34	0.34	0.34
EMISSION RATE (N/A)	Inlet				
	Outlet				
DESTRUCTION EFFICIENCY (%)	99.7				
OTHER INFORMATION	<p>Destruction efficiency calculated on ppm basis due to explosive nature of the oxidizer inlet gas.</p> <p>Operating capacity noted above is the weight of Ethylene Oxide charged to Sterilization Chamber A.</p>				