



Department of Natural Resources

ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S.W.
ATLANTA, GEORGIA 30334

STAFF REPORT

copy 10/13/84

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(#16)

MEMORANDUM

TO: Mr. Maryin M. Lowry
THROUGH: Michael E. Fogle
FROM: Larry Webber
SUBJECT: Source Test Report Review

DATE: January 3, 1985

The following tests have been reviewed and were conducted in an acceptable fashion for the purpose intended.

COMPANY & LOCATION: Flat Creek Waste Water Treatment Plant; Gainesville, GA
SOURCE TESTED: #51 Incinerator
POLLUTANT DETERMINED: Particulate, Mercury
REPORT REVIEWED BY: Larry Webber
TEST WITNESSED BY: Larry Webber and Paul Izant
DATE(S) OF TESTS: October 10, 1984

Table with 5 columns: TEST RUN, Run #1, Run #2, Run #3, AVERAGE. Rows include: MAXIMUM EXPECTED OPERATING CAPACITY (2200 lbs./hr. - dry sludge), OPERATING CAPACITY (1767, 1288, 1518, 1528), ALLOWABLE EMISSION RATE (1.3 lbs./ton - dry sludge), APPLICABLE REGULATION (40CFR60, Subpart 0), CONTROL EQUIPMENT & OPERATIONAL DATA (H2O Scrubber, DP = 5.25" H2O), OPACITY (Not reported), GAS TEMPERATURE (99, 99, 99), GAS MOISTURE (3.4, 3.5, 4.7), GAS FLOW RATE (2778, 3055, 3685), GAS FLOW RATE (DSCFM) (2469, 2713, 3239), POLLUTANT CONCENTRATION (GRAINS/DSCF) (0.055, 0.015, 0.013), EMISSION RATE (1.4, 0.58, 0.49, 0.82), PERCENT OF ALLOWABLE (63.1)

OTHER INFORMATION: Mercury emissions = 15.58 grams/day
Allowable Mercury Emissions = 3200 grams/day

cc: Mr. John W. Mitchell
Mr. Michael E. Fogle

SM-23
Rev.(8)8/83



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ATLANTA, GEORGIA 30334

## MEMORANDUM

TO: Mr. Marvin M. Lowry  
 THROUGH: Michael E. Fogle *MEF*  
 FROM: Larry Webber *LW*  
 SUBJECT: • Source Test Report Review

DATE: January 3, 1985

The following tests have been reviewed and were conducted in an acceptable fashion for the purpose intended.

COMPANY & LOCATION: Flat Creek Waste Water Treatment Plant; Gainesville, GA  
 SOURCE TESTED: #1 Incinerator  
 POLLUTANT DETERMINED: Particulate  
 REPORT REVIEWED BY: Larry Webber  
 TEST WITNESSED BY: No Witness  
 DATE(S) OF TESTS: October 11, 1984

TEST RUN:	Run #1	Run #2	Run #3	AVERAGE
MAXIMUM EXPECTED OPERATING CAPACITY:	2200 lbs./ton - dry sludge			
OPERATING CAPACITY: (lbs/hr)	1535	1372	1420	1442
ALLOWABLE EMISSION RATE:	1.3 lbs./ton			
APPLICABLE REGULATION:	40CFR60, Subpart 0			
CONTROL EQUIPMENT & OPERATIONAL DATA:	H <sub>2</sub> O Scrubber ΔP = 5" H <sub>2</sub> O			
OPACITY (Unofficial data--not for compliance determination):	Not reported			
GAS TEMPERATURE (°F):	92	94	97	
GAS MOISTURE (%):	3.6	4.6	3.9	
GAS FLOW RATE (ACFM):	3457	3030	3276	
GAS FLOW RATE (DSCFM):	3108	2684	2909	
POLLUTANT CONCENTRATION (GRAINS/DSCF):	0.012	0.017	0.019	
EMISSION RATE: (lb./ton)	0.44	0.59	0.69	0.57
PERCENT OF ALLOWABLE:	43.9			

OTHER INFORMATION: \_\_\_\_\_

cc: Mr. John W. Mitchell  
 Mr. Michael E. Fogle

SM-23  
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