Note: This is a reference cited in *AP 42, Compilation of Air Pollutant Emission Factors, Volume I Stationary Point and Area Sources.* AP42 is located on the EPA web site at www.epa.gov/ttn/chief/ap42/

The file name refers to the reference number, the AP42 chapter and section. The file name "ref02_c01s02.pdf" would mean the reference is from AP42 chapter 1 section 2. The reference may be from a previous version of the section and no longer cited. The primary source should always be checked.

Department of Natural Resources

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

M E M O R A N D U M

TO: Mr. Marvin 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

TEST RUN:	Run #1	Run #2	Run #3	AVERAGE
MAXIMUM EXPECTED OPERATING CAPACITY:	2200 lbs./hr. - dry sludge			
OPERATING CAPACITY: (lbs/hr)	1767	1288	1518	1528
ALLOWABLE EMISSION RATE:	1.3 lbs./ton - dry sludge			
APPLICABLE REGULATION:	40CFR60, Subpart 0			
CONTROL EQUIPMENT & OPERATIONAL DATA:	H_2O Scrubber ΔP = 5.25" H_2O			
OPACITY (Unofficial data--not for compliance determination):	Not reported			
GAS TEMPERATURE (°F):	99	99	99	
GAS MOISTURE (%):	3.4	3.5	4.7	
GAS FLOW RATE (ACFM):	2778	3055	3685	
GAS FLOW RATE (DSCFM):	2469	2713	3239	
POLLUTANT CONCENTRATION (GRAINS/DSCF):	0.055	0.015	0.013	
EMISSION RATE: (lb./ton)	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

Department of Natural Resources
ENVIRONMENTAL PROTECTION DIVISION
270 WASHINGTON STREET, S.W.
ATLANTA, GEORGIA 30334

M E M O R A N D U M

TO: Mr. Marvin M. Lowry

DATE: January 3, 1985

THROUGH: Michael E. Fogle MEF

FROM: Larry Webber LW

SUBJECT: Source Test Report Review

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_2O Scrubber ΔP = 5" H_2O			
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

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