

MEMORANDUM

STAPPA/ALATCA

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 06/23/86
 Rev. (8)8/83
 #16

TO: Mr. Marvin M. Lowry
 FROM: Barbara A. Ross
 SUBJECT: Source Test Report Review

DATE: August 3, 1983

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

COMPANY & LOCATION: R.M. Clayton WPC Plant; Atlanta, Georgia
 SOURCE TESTED: #1 Sludge Incinerator
 POLLUTANT DETERMINED: Particulate
 REPORT REVIEWED BY: Barbara A. Ross
 TEST WITNESSED BY: Barbara A. Ross and Michael E. F.
 DATE(S) OF TESTS: May 11, 1983

TEST RUN:	TEST DATA			
	Run #1	Run #2	Run #3	Run #4
MAXIMUM EXPECTED (Wet TPH OPERATING CAPACITY: Sludge)	10	10	11	
OPERATING CAPACITY: (Wet TPH Sludge)	7.6	7.4	7.34	6.21
ALLOWABLE EMISSION RATE:	0.3 grains/DSCF corrected to 12% CO ₂			
APPLICABLE REGULATION:	Ga. Regulation: 391-3-1-.02(2)(c)(2)(ii)			
CONTROL EQUIPMENT "H ₂ O, AND OPERATIONAL DATA: Scrubber	5.1	5.3	5.0	5.1
OPACITY (Unofficial data--not for compliance determination):	None reported			
GAS TEMPERATURE (°F):	138	137	131	135
GAS MOISTURE (%):	21	19	15	18
GAS FLOW RATE (ACFM):	10,896	12,556	12,642	
GAS FLOW RATE (DSCFM):	7,430	8,807	9,328	8,522
POLLUTANT CONCENTRATION (GRAINS/DSCF):	0.068	0.035	0.029	0.040
* EMISSION RATE: (grains/DSCF @ 12%CO ₂)	0.105	0.054	0.053	0.071
PERCENT OF ALLOWABLE:	23.6%			

Don't use

OTHER INFORMATION: Avg. methane gas consumed/run = 6,400 ft³.

*Calculated by AQES; report calculation errors.

cc: Mr. William D. Estes
 Mr. John W. Mitchell
 Mr. Michael E. Fogle

M E M O R A N D U M

Rev. (8)8/83 /64

TO: Mr. Marvin M. Lowry
 FROM: Barbara A. Ross *BAR M*
 SUBJECT: Source Test Report Review

DATE: August 3, 1983

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

COMPANY & LOCATION: R.M. Clayton WPC Plant; Atlanta, Georgia
 SOURCE TESTED: #2 Sludge Incinerator
 POLLUTANT DETERMINED: Particulate
 REPORT REVIEWED BY: Barbara A. Ross
 TEST WITNESSED BY: No Witness
 DATE(S) OF TESTS: May 12, 1983

TEST RUN:	TEST DATA			
	Run #1	Run #2	Run #3	AVERAGE
MAXIMUM EXPECTED (Wet Sludge OPERATING CAPACITY: TPH)	10	10	10	10
OPERATING CAPACITY: (Wet Sludge TPH)	6.07	5.5	4.54	5.37
ALLOWABLE EMISSION RATE:	0.3 grains/DSCF @ 12%CO ₂			
APPLICABLE REGULATION:	Ga. Regulation: 391-3-1-.02(2)(e)(2)(ii)			
CONTROL EQUIPMENT (Scrubber, AND OPERATIONAL DATA: "H ₂ O)	4.1	4.4	4.5	4.3
OPACITY (Unofficial data--not for compliance determination):	None reported			
GAS TEMPERATURE (°F):	133	134	121	129
GAS MOISTURE (%):	18	17	20	18.3
GAS FLOW RATE (ACFM):	12,572	13,040	12,918	
GAS FLOW RATE (DSCFM):	8,985	9,435	9,212	9,211
POLLUTANT CONCENTRATION (GRAINS/DSCF):	0.033	0.026	0.026	0.028
* EMISSION RATE: (Grains/DSCF @ 12%CO ₂)	0.052	0.039	0.050	0.047
PERCENT OF ALLOWABLE:	15.7%			

OTHER INFORMATION: Avg. methane gas consumed/run = 12,400 ft³.

*Calculated by AQES; report calculation errors.

cc: Mr. William D. Estes
 Mr. John W. Mitchell
 Mr. Michael E. Fogle