Prepped by Ollie Stewart

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nm if the concentration is less than or equal to 400 ppm CO or at 600 nm if the concentration is above 400 ppm. Use a small portion of the sample to rinse a spectrophotometer cell several times before taking an aliquot for analysis. If one cell is used to analyze multiple samples, rinse the cell several times between samples with water. Prepare and analyzes and a reagent blank as described in Section 5.3. Use water as the reference. Reject the analysis if the blank absorbance is greater than 0.1. All conditions should be the same for analysis of samples and standards. Measure the absorbances as soon after shaking is completed as possible. Determine the CO concentration of each bag sample using the calibration curve for the appropriate concentration range as discussed in Section 5.3.

5. Calibration

- 5.1 Gas Bulb Calibration. Weigh the emply bulb to the nearest 0.1g. Fill the bulb to the stopcock with water, and again weigh to the nearest 0.1g. Subtract the tare weight, and calculate the volume in liters to three significant figures using the desity of water (at the measurement temperature). Record the volume on the bulb; alternatively, mark an identification number on the bulb, and record the volume in a notebook.
- 5.2 Rate Meter Calibration. Assemble the system as shown in Figure 10A-1 (the impingers may be removed), and attach a volume meter to the probe inlet. Set the rotameter at 300 ml/min, record the volume meter reading, start the pump, and pull gas through the system for 10 minutes. Record the final volume meter reading, and determine the volume of gas that passed through the system.
- 5.3 Spectrophotometer Calibration Curve. The calibration curve is established by taking at least two sets of three bulbs of known CO through the analysis procedure. Collect the standards as described in Section 4.2. Prepare standards to span the 0- to 400- or 400- to 1000-ppm range. If any samples span both concentration ranges, prepare a calibration curve for each range using separate reagent blanks. A set of three bulbs containing colorimetric reagent but no CO should serve as a reagent blank and be taken through the analysis procedure.

Calculate the average absorbance for each set (3 bulbs) of standards using Equation 10A-1 and Table 10A-1. construct a graph of average absorbance for each standard against its corresponding concentration in ppm. Draw a smooth curve through the points. The curve should be linear over the two concentration ranges discussed in Section 1.3.1.

6. Calculations

Carry out calculations retaining at least one extra decimal figure beyond that of the acquired data. Round off figure after final calculation.

6.1 Nomenclature.

A = Sample absorbance, uncorrected for the reagent blank.

 $A_r = Absorbance$ of the reagent blank.

A, = Average sample absorbance per liter. units/liter.

B_=Moisture content in the bag sample. C=CO concentration in the stack gas, dry basis, ppm.

C_b=CO concentration of the bag sample, dry basis, ppm. C. = CO concentration from the calibration

curve, ppm. F=Volume fraction of CO2 in the stack. n=Number of reaction bulbs used per bag

sample. P_{bar} = Barometric pressure, mm Hg. Py=Residual pressure in the sample bulb after evacuation mm Hg.

Pw=Vapor pressure of H2O in the bag (from Table 10A-2), mm Hg.

V_b = Volume of the sample bulb, liters.

V_r=Volumed of reagent added to the sample bulb. 0.01000 liter.

6.2 Average Sample Absorbance per Liter. Calculate A. for each gas bulb using Equation 10A-1, and record the value in Table 10A-1. Calculate the average A, for each bag sample, and compare the three values to the average. If any single value differs by more than 10 percent from the average, reject this value, and calculate a new average using the two remaining values.

$$A_{a} = \frac{(A - A_{r}) (P_{ber})}{(V_{b} - V_{r}) (P_{ber} - P_{r})}$$
 Eq. 10A-1

Note.-A and A, must be at the same wavelength.

6.3 CO Concentration in the Bag. Calculate Cb using Equations 10A-2 and 10A-3. If condensate is visible in the Tedlar bag, calculate B, using Table 10A-1 and the temperature and barometric pressure in the analysis room. If condensate is not visible. calculate B, using the temperature and barometric pressure at the sampling site.

$$B_{w} = \frac{P_{w}}{P_{w}} \qquad \text{Eq. 10A-2}$$

$$C_b = \frac{C_g}{(1-B_w)}$$
 Eq. 10A-3

6.4 CO Concentration in the Stack. Eq. 10A-4 $C=C_0(1-F)$

TABLE 10A-2. MOISTURE CORRECTION

Temperature,	Vapor pressure, H _z O mm Hg	Temperature,	Vapor pressure, H _s O mm Hg
4	8.1	18	15.5
6	7.0	20	17.5
6	8.0	22	19.8
10	9.2	24	22.4
12	10.5	26	25.2
14	12.0	28	26.3
16	13.6	30	31.8

7. Bibliography

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40 CFR Part 60

[AD-FRL-3042-1]

Review of Standards of Performance for New Stationary Sources; Sewage **Treatment Plants**

AGENCY: Environmental Protection Agency, (EPA).

ACTION: Extension of public comment period.

SUMMARY: On April 18, 1986, EPA announced (51 FR 13424) that a review of the existing new source performance standards (NSPS) for sewage treatment plants (40 CFR Part 60, Subpart O) had been completed. The Agency proposed to (1) leave unchanged the emission limits established in 1974 for control of particulate emissions and opacity from the incineration of sewage sludge, and (2) require owners and operators of all existing and future sewage sludge incinerators subject to the NSPS, to monitor, record and report severaloperating parameters of the incinerators. The end of the public comment period has been extended 30 days for the proposed revisions to the NSPS for sewage treatment plants, in response to a request from the Natural Resources Defense Council (NRDC). This request

expressed the need for additional time for NRDC to coordinate their comments on the NSPS review with a petition for rulemaking that NRDC will file by July 15, 1986, regarding emissions from municipal waste combustors.

DATES: Comments must be received on or before July 17, 1986.

ADDRESSES: Send comments (in duplicate if possible) to: Central Docket Section (LE-131), Attention: Docket Number A-84-03, U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC 20460.

FOR FURTHER INFORMATION CONTACT:

Mr. James Crowder, Industrial Studies Branch, Emission Standards and Engineering Division (MD-13) U.S. Environmental Protection Agency, Research Triangle Park, North Carolina 27711, telephone number (919) 541-5601.

SUPPLEMENTARY INFORMATION: The NRDC and the State of New York sued the Agency (No. 84-1472 et al., DC Cir.) concerning the Agency's decision on regulating emissions of polycyclic organic material under sections 108, 111, and 112 of the Clean Air Act. On May 9, 1988, a settlement agreement for this suit was filed with the court. Under one provision of the settlement agreement. the petitioners will file by July 15, 1986, a petition for rulemaking asking the Administrator: (1) To determine that emissions from municipal waste combustors (or specified constituents of such emissions) may reasonably be anticipated to be carcinogenic, mutagenic, developmentally toxic, or otherwise acutely or chronically toxic, and (2) to regulate emissions from municipal waste combustors (or specified constituents of such emissions). under section 112 of the Clean Air Act on a specified schedule. The letter received from NRDC that requests an extension of the comment period cites the close connection between municipal waste combustors, sewage treatment plants, and facilities that coincinerate municipal solid waste and sewage sludge. The NRDC believes that the requested extension of the comment period would enable them to more fully take into account the emissions and performance standards that are at issue in the proposal concerning review of the NSPS for sewage treatment plants and in their future petition regarding municipal waste combustors.

The Agency believes it would benefit from the results of NRDC's comments and is, therefore, extending the comment period to July 17, 1986.

Dated: June 26, 1986.

J. Craig Potter,

Assistant Administrator for Air and Radiation.

[FR Doc. 88-14910 Filed 7-1-86; 8:45 am]

FEDERAL COMMUNICATIONS COMMISSION

47 CFR Part 73

[MM Docket No. 85-224; RM-4763]

Radio Broadcasting Services; Iron Mountain, MI

AGENCY: Federal Communications Commission.

ACTION: Proposed rule; dismissal of proposal.

summary: This document dismisses a petition filed by Edward J. and Alice Mae Slater to allot FM Channel 272A to Iron Mountain, Michigan. The petition is dismissed because no expression of interest has been filed by the petitioner or any other party. With this action, this processing is terminated.

ADDRESS: Federal Communications Commission, Washington, DC 20554.

FOR FURTHER INFORMATION CONTACT: Kathleen Scheuerle, (202) 634-6530.

Kathleen Scheuerle, (202) 634-6530.

SUPPLEMENTARY INFORMATION: This is a summary of the Commission's Report and Order, MM Docket No. 85-224, adopted June 13, 1986, and released June 24, 1986. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text if this decision may also be purchased from the Commission's copy contractors, International Transcription Service, (202) 857-3800, 2100 M Street, NW., Washington, DC 20037.

List of Subjects in 47 CFR Part 73

Radio broadcasting.

Mark N. Lipp,

Chief, Allocations Branch, Policy and Rules Division, Mass Media Bureau.

[FR Doc. 86-14937 Filed 7-1-86; 8:45 am]

47 CFR Part 73

[MM Docket No. 86-257, RM-5260]

Radio Broadcasting Services; Kalispell, MT

AGENCY: Federal Communications Commission.

ACTION: Proposed rule.

comments on a petition filed by William H. Patterson, seeking the allotment of FM Channel 280A to Kalispell, Montana, as that community's third FM broadcast service.

DATES: Comments must be filed on or before August 18, 1986, and reply comments on or before September 2, 1986.

ADDRESS: Federal Communications
Commission, Washington, DC 20554. In
addition to filing comments with the
FCC, interested parties should serve the
petitioners, or their counsel or
consultant, as follows: James J.
McGillan, Barry Fleishman, Finley,
Kumble, Wagner, Heine, Underberg,
Manley & Casey, 1120 Connecticut
Avenue, NW., Washington, DC 20036
(counsel for the petitioner).

FOR FURTHER INFORMATION CONTACT: Kathleen Scheuerle, (202) 634–6530.

SUPPLEMENTARY INFORMATION: This is a summary of the Commission's Notice of Proposed Rule Making, MM Docket No. 86-257, adopted June 13, 1986, and released June 26, 1986. The full text of this Commission decision is available for inspection and copying during normal business hours in the FCC Dockets Branch (Room 230), 1919 M Street, NW., Washington, DC. The complete text of this decision may also be purchased from the Commission's copy contractors, International Transcription Service. (202) 857-3800. 2100 M Street, NW., Washington, DC 20037.

Provisions of the Regulatory Flexibility Act of 1980 do not apply to this proceeding.

Members of the public should note that from the time of a Notice of Proposed Rule Making is issued until the matter is no longer subject to Commission consideration or court review, all ex parte contacts are prohibited in Commission proceedings, such as this one, which involve channel allotments. See 47 CFR 1.1231 for rules governing permissible ex parte contact.

For information regarding proper filing procedures for comments, See 47 CFR 1.415 and 1.420.

List of Subjects in 47 CFR Part 73

Radio broadcasting.

Federal Communications Commission.

Mark N. Lipp,

Chief, Allocations Branch, Policy and Rules Division, Mass Media Bureau.

[FR Doc. 86-14940 Filed 7-1-86; 8:45 am] BILLING CODE 6712-01-M