



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHEAST REGIONAL OFFICE

File: SEMASS
C.R. Air

ARGEO PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

LAUREN A. LISS
Commissioner

July 14, 1999

Anthony Dell'Anno
Regional Environmental Manager
SEMASS Partnership
141 Cranberry highway
West Wareham, Massachusetts 02576

RE: **FINAL APPROVAL**
Application for: BWP AQ 22
MUNICIPAL WASTE COMBUSTOR - EMISSION CONTROL PLAN
Application No.: 4B98051
Transmittal No.: W003332
Action: E-V7

AT: SEMASS Resource Recovery Facility
141 Cranberry Highway
Rochester, Massachusetts

Dear Mr. Dell'Anno:

The Department of Environmental Protection (the "Department"), Bureau of Waste Prevention, has reviewed your Municipal Waste Combustor (MWC) Emission Control Plan (ECP) application dated November 19, 1998 and revisions dated April 16, 1999. This ECP application details how emission limitations and compliance schedules for the control of certain designated pollutants according to 310 CMR 7.08(2) - Municipal Waste Combustors (MWCs), adopted by the Department on August 21, 1998, will be implemented for equipment at the SEMASS Partnership (SEMASS) facility located at 141 Cranberry Highway, Rochester, Massachusetts. This application bears the signature of Mr. Anthony Dell'Anno as the designated legally responsible official for SEMASS, and was submitted over the seal and signature of Mr. Mark Turner, P.E. No. 38849.

LEGAL AUTHORITY

On December 19, 1995, EPA adopted New Source Performance Standards (NSPS) for new MWCs (40 CFR 60 Subpart Eb), and Emission Guidelines (EG) for existing MWCs (40 CFR 60 Subpart Cb). The United States Environmental Protection Agency adopted final revisions to the NSPS and EG on October 24, 1997. The NSPS apply to facilities that commenced construction after September 20, 1994, and the EG apply to facilities that commenced construction on or prior to September 20, 1994. Both the NSPS and the EG apply to large MWC units, that is, those combusting greater than 250 tons per day of municipal solid waste (MSW). Because SEMASS was constructed prior to September 20, 1994, and your combustion unit(s) burn greater than 250 tons per day of MSW, your facility is subject to 40 CFR 60 Subpart Cb "Emission Guidelines" and 310 CMR 7.08(2). In addition, the Department has imposed further requirements and lowered the emission limitation for mercury from the Federal limit of 0.080 milligrams per dry standard cubic meter (mg/dscm) to 0.028 mg/dscm. With the exception of the emission limitation for mercury, the Commonwealth has adopted Emission Limits identical to the Federal EG into regulation under 310 CMR 7.08(2),

20 Riverside Drive • Lakeville, Massachusetts 02347 • FAX (508) 947-6557 • Telephone (508) 946-2700
This information is available in alternate format by calling our ADA Coordinator at (617) 574-6872.
DEP on the World Wide Web: <http://www.magnet.state.ma.us/dep>