



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI

DAVID P. LITTELL

GOVERNOR

COMMISSIONER

Wells-Ogunquit Community School District)
York County)
Wells, Maine)
A-826-71-E-M)

Departmental
Findings of Fact and Order
Air Emission License
Amendment #1

After review of the air emission license application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

- 1. Wells-Ogunquit Community School District (Wells-Ogunquit CSD), located in Wells, Maine was issued Air Emission License A-826-71-D-R on October 2, 2007, permitting the operation of emission sources associated with their Junior High School, Ward Gym, High School and Elementary School.
2. Wells-Ogunquit CSD has requested an amendment of their air emissions license to reduce the licensed annual fuel restriction so that the facility can fall below 06-096 CMR 137 (emissions inventory) reporting requirements.

B. Application Classification

The modification of a minor source is considered a major modification based on whether or not expected emission increases exceed the "Significant Emission Levels" as defined in the Department's regulations. The annual fuel restriction reduction will result in a reduction in emissions of all regulated pollutants, therefore this application is considered to be a minor modification of a minor source and has been processed as such according to Maine's rule, Major and Minor Source Air Emission License Regulations, 06-096 CMR 115 (last amended December 24, 2005).

II BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Definitions Regulation, 06-096 CMR 100 (last amended December 1, 2005). Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

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17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

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106 HOGAN ROAD
BANGOR, MAINE 04401
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PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emission from the source being considered; and
- the economic feasibility for the type of establishment involved.

B. Annual Facility Fuel Limit

The current Wells-Ogunquit CSD Air Emission Limit (A-826-71-D-R) establishes a total annual facility wide boiler fuel use limit of 700,000 gallons per year (gal/yr) of #2 fuel oil based on a twelve-month rolling total. This fuel limit results in potential annual emissions of NO_x of 25.9 tons per year (ton/yr) which is over the threshold for applicability to 06-096 CMR 137 (emissions inventory) reporting requirements. Wells-Ogunquit CSD has requested an amendment of their air emissions license to reduce the licensed annual fuel restriction so that the facility can fall below 06-096 CMR reporting requirements. The Department has determined that an annual facility wide boiler fuel use limit of 650,000 gal/yr of #2 fuel oil will result in annual NO_x emissions of 24.2 ton/yr which is below the applicability threshold of 06-096 CMR reporting requirements.

The #2 fuel oil fired in the Wells-Ogunquit CSD Boilers shall meet the criteria in ASTM D396 for #2 fuel oil. Wells-Ogunquit CSD shall maintain a fuel use log which shall include fuel purchase receipts indicating the date of fuel purchases and the amount of fuel purchased.

C. Annual Emission Restrictions

Wells-Ogunquit CSD shall be restricted to the following annual emissions, based on a 12 month rolling total:

- Total annual fuel use for all boilers based on a 12 month rolling total shall not exceed 650,000 gallons of #2 fuel oil.
- The back-up generators shall each be limited to no more than 500 hrs/yr of operation, firing diesel fuel with a sulfur content of no greater than 0.05% sulfur by weight.

Total Allowable Annual Emission for the Facility
(used to calculate the annual license fee)

Pollutant	Tons/Year		
	Boilers	Diesels	Total
PM	3.6	0.3	3.9
PM ₁₀	3.6	0.3	3.9
SO ₂	23.1	0.1	23.2
NO _x	20.5	3.8	24.3
CO	1.6	0.8	2.4
VOC	0.1	0.3	0.4

III AMBIENT AIR QUALITY ANALYSIS

According to *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 1, 2005), the level of air quality analyses required for a minor source shall be determined on a case-by case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source. Based on the total facility emissions, the Wells-Ogunquit CSD is below the emissions level required for modeling and monitoring.

ORDER

The Department hereby grants Air Emission License A-826-71-E-M subject to the conditions found in A-826-71-D-R and the following conditions:

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

SPECIFIC CONDITIONS

The following shall replace Condition (16), paragraphs A and B of Air Emission License A-826-71-D-R:

(16) Boilers:

- A. Total fuel use for all of the Wells-Ogunquit CSD boilers combined based on a twelve-month rolling total shall not exceed 650,000 gals/yr of #2 fuel oil. The #2 fuel oil fired in the Wells-Ogunquit CSD Boilers shall meet the criteria in ASTM D396 for #2 fuel oil. [06-096 CMR 115, BPT]

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B. Wells-Ogunquit CSD shall maintain a fuel use record which shall include fuel purchase receipts indicating the date of fuel purchases and the amount of fuel purchased and certification that the fuel meets the sulfur content requirements established ASTM D396 for #2 fuel oil. Fuel use records shall be maintained on a twelve-month rolling total basis. [06-096 CMR 115, BPT]

DONE AND DATED IN AUGUSTA, MAINE THIS *17th* DAY OF *February* 2009.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: *James P. Brookings*

DAVID P. LITTELL, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

This Amendment shall expire concurrently with Air Emission License A-826-71-D-R

Date of initial receipt of application: **December 3, 2008**

Date of application acceptance: **December 5, 2008**

Date filed with the Board of Environmental Protection: _____

This Order prepared by Peter G. Carleton, Bureau of Air Quality

