

Soderberg Company, Inc.
Aroostook County
Washburn, Maine
A-891-71-C-M

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

After review of the air emission license minor revision 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

Soderberg Company, Inc., of Caribou, Maine was issued Air Emission License A-891-71-B-N on December 12, 2005, permitting the operation of emission sources associated with their crushed stone and gravel facility.

Soderberg Company, Inc. has requested a minor revision to their license in order to document the replacement of the 120 ton per hour rock crusher with a 180 ton per hour rock crusher. The Initial Performance Tests required by 40 CFR 60 Subpart OOO were conducted for the both rock crushers and visible emissions were found to be in compliance with the requirements of Subpart OOO.

B. Emission Equipment

Rock Crushers:

<u>Designation</u>	<u>Process rate (tons/hr)</u>	<u>Control Device</u>	<u>Date of Manufacture</u>	<u>Performance Test</u>
Crusher #1	180	water sprays	2004	September 19, 2006
<i>Crusher #2</i>	180	water sprays	2006	September 19, 2006

Note: *Italics* indicates replacement equipment

C. Application Classification

The application for Soderberg Company, Inc. does not increase quantifiable emissions greater than 4 tons per year of a single pollutant or greater than 8 tons per year of combined criteria pollutants. As such, this application is being processed as a minor revision.

II. BEST PRACTICAL TREATMENT

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 Chapter 100 of the Bureau of Air Quality regulations.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in Chapter 100 of the Air Regulations. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

A. New Crusher #2

EPA NSPS Subpart OOO for Nonmetallic Mineral Processing Plants applies to fixed rock crushers with capacities greater than 25 tons/hr and portable rock crushers with capacities greater than 150 tons/hr, constructed after August 31, 1983.

Crusher #2 was manufactured in 2006 with a rated capacity of 180 tons/hr. This unit is subject to 40 CFR Part 60, Subpart OOO and has been tested accordingly.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of Best Available Control Technology (BACT) for control of particulate matter (PM) emissions from the rock crushers, Soderberg Company, Inc. shall maintain and operate water sprays on the rock crusher in such a manner so as to control visible emissions to no greater than 10% opacity on a 6-minute block average basis.

III. AMBIENT AIR QUALITY ANALYSIS

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a renewal source shall be determined on a case-by-case basis. Based on the above total facility emissions, Soderberg Company, Inc. is below the emissions level required for modeling and monitoring.

ORDER

The Department hereby grants Air Emission License Minor Revision A-891-71-C-M, subject to the conditions found in Air Emission License A-891-71-B-N, and in addition to 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.

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SPECIFIC CONDITIONS

The following shall replace Condition (17) of Air Emission License A-891-71-B-N:

- (17) New Source Performance Standards for Crusher #1 and Crusher #2
 - A. Crusher #1 and Crusher #2 are both subject to 40 CFR Part 60 Subparts A and OOO and Soderberg Company, Inc. shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, §60.676(h).

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2007.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
 DAVID P. LITTELL, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-891-71-B-N.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: December 18, 2006
Date of application acceptance: January 9, 2007

Date filed with the Board of Environmental Protection: _____

This Order prepared by Mark Roberts, Bureau of Air Quality.