



DEPARTMENT ORDER

**ND OTM LLC
Penobscot County
Old Town, Maine
A-180-70-O-A**

**Departmental
Findings of Fact and Order
Part 70 Air Emission License
Amendment #6**

FINDINGS OF FACT

After review of the Part 70 License amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 Maine Revised Statutes (M.R.S.) § 344 and § 590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	ND OTM LLC
LICENSE TYPE	Part 70 Administrative Revision
NAICS CODES	322110
NATURE OF BUSINESS	Pulp Manufacturing
FACILITY LOCATION	24 Portland Street, Old Town, Maine

ND OTM LLC (ND Paper) is a pulp manufacturing facility located in Old Town, Maine.

ND Paper has the potential to emit more than 100 tons per year (tpy) of particulate matter (PM), Particulate Matter under 10 micrometers (PM₁₀), sulfur dioxide (SO₂), nitrogen oxides (NO_x), and carbon monoxide (CO) and more than 50 tpy of volatile organic compounds (VOC); therefore, the source is classified as a major source for criteria pollutants.

ND Paper has the potential to emit 10 tpy or more of a single hazardous air pollutant (HAP) or 25 tpy or more of combined HAP; therefore, the source is classified as a major source for HAP.

B. Amendment Description

ND Paper has requested a Part 70 Administrative Revision to clarify monitoring requirements for the venturi scrubber on the Lime Kiln established in Part 70 Air Emission License A-180-70-A-I, issued December 2, 2009.

The Lime Kiln and associated control equipment are subject to the applicable requirements of 40 C.F.R. Part 63, Subpart A, *General Provisions*, and 40 C.F.R. Part 63, Subpart MM,

National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills.

Subpart MM includes requirements for PM emissions, monitoring, performance testing, recordkeeping, and reporting. In summary, Subpart MM requires that performance testing be performed, during which time site-specific continuous parameter monitoring system (CPMS) ranges are established. For a Lime Kiln that utilizes a wet scrubber, the CPMS include pressure drop across the scrubber and scrubber liquid flowrate. Performance testing to reestablish CPMS limits may be conducted at any time. Specific Condition (25)G of Air Emission License A-180-70-A-I references the applicability of Subpart MM monitoring requirements, as follows:

[ND Paper] shall calibrate, maintain, and operate a continuous periodic monitoring system to record the pressure drop across the scrubber and the scrubbing liquid flow rate at least once every successive 15-minute period pursuant to 40 C.F.R. Part 63, Subpart MM, Section 63.864(e)(10). [40 C.F.R. Part 63, Subpart MM]

However, Specific Condition (25)D of Air Emission License A-180-70-A-I states the following:

[ND Paper] shall operate the venturi scrubber on the Lime Kiln. [ND Paper] shall maintain a minimum of 17 inches in pressure drop with a 450 GPM recycle on the lime kiln scrubber. [06-096 C.M.R. ch. 140, BPT]

This license condition constrains the flexibility provided under Subpart MM to establish site-specific CPMS ranges via performance testing. ND Paper has requested Specific Condition (25)D be changed to align with the requirements of and flexibility provided under Subpart MM.

C. Application Classification

All rules, regulations, or statutes referenced in this air emission license refer to the amended version in effect as of the issued date of this license.

A Part 70 Administrative Revision is for license changes that correct typographical errors; change the name, address, or phone number of any person or facility identified in the Part 70 license or a similar administrative change at the Part 70 source; or result in more frequent monitoring, reporting, recordkeeping or testing requirements.

The requested revision to clarify monitoring requirements for the venturi scrubber on the Lime Kiln meets the definition of a Part 70 Administrative Revision and has been processed under *Part 70 Air Emission License Regulations, 06-096 C.M.R. ch. 140.*

D. Facility Annual Emissions

This administrative revision will not change licensed emissions of any regulated pollutant.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that emissions from this source:

- will receive Best Practical Treatment;
- will not violate applicable emissions standards; and
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants the Part 70 License Amendment A-180-70-O-A pursuant to 06-096 C.M.R. 140 and the preconstruction permitting requirements of *Major and Minor Source Air Emission License Regulations*, 06-096 C.M.R. ch. 115 and subject to the conditions found in Air Emission License A-180-70-A-I, in amendments A-180-70-B-A, A-180-70-C-A, A-180-70-D-A, A-180-70-G-A, and A-180-70-H-A, and the following conditions.

Federally enforceable conditions in this Part 70 license must be changed pursuant to the applicable requirements in 06-096 C.M.R. ch. 115 for making such changes and pursuant to the applicable requirements in 06-096 C.M.R. ch. 140.

For each specific condition which is state enforceable only, state-only enforceability is designated with the following statement: **Enforceable by State-only**.

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

ND OTM LLC
Penobscot County
Old Town, Maine
A-180-70-O-A

4

**Departmental
Findings of Fact and Order
Part 70 Air Emission License
Amendment #6**

SPECIFIC CONDITIONS

The following Specific Condition shall replace Specific Condition (25)D of Air Emission License A-180-70-A-I:

(25) Lime Kiln

D. ND Paper shall operate the venturi scrubber on the Lime Kiln when the Lime Kiln is in operation. ND Paper shall establish and maintain the minimum pressure drop and scrubber fluid flow rate in accordance with 40 C.F.R. Part 63, Subpart MM. [06-096 C.M.R. ch. 140, BPT and 40 C.F.R. Part 63, Subpart MM]

DONE AND DATED IN AUGUSTA, MAINE THIS 19th DAY OF March, 2020.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:


GERALD D. REID, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-180-70-A-I.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: March 12, 2020

Date of application acceptance: March 16, 2020

Date filed with the Board of Environmental Protection:

This Order prepared by Benjamin Goundie, Bureau of Air Quality.

FILED

MAR 19, 2020

State of Maine

Board of Environmental Protection