



DEPARTMENT ORDER

**ND Paper Inc.
Oxford County
Rumford, Maine
A-214-70-N-A**

**Departmental
Findings of Fact and Order
Part 70 Air Emission License
Amendment #2**

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 Paper Inc. (NDP)
LICENSE TYPE	Part 70 Administrative Revision
NAICS CODES	322110, 322121
NATURE OF BUSINESS	Pulp & Paper Mill
FACILITY LOCATION	35 Hartford Street, Rumford, Maine

ND Paper Inc. (NDP) is an integrated pulp and paper manufacturing facility that began operation in 1901. The mill consists of a Kraft (chemical) pulping system, a paper production process system, a pulp dryer process system, and supporting industrial systems, including power and steam production, landfill operations, and wastewater treatment.

NDP has requested a Part 70 administrative revision to clarify some license requirements pertaining to standards for collection and treatment of pulping condensates.

B. Revision Description

NDP's Kraft Pulping and Condensate Systems are subject to *National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry*, 40 C.F.R. Part 63, Subpart S.

NDP has elected to demonstrate compliance with the pulping condensate collection option listed in 40 C.F.R. § 63.446(c)(3). This option requires collection of pulping process condensates that contain a total hazardous air pollutants (HAP) mass of 11.1 lbs per ton of oven-dry pulp (lb/ton ODP) or more for mills that perform bleaching and 7.2 lb/ton ODP for mills that do not perform bleaching. Pursuant to § 63.446(i), mills that produce both bleached and unbleached pulp products may meet a prorated mass standard.

In 2020, NDP shut down its softwood bleach plant and began producing only unbleached kraft pulp on its softwood pulp line. The mill also began producing both bleached and unbleached kraft pulp on its hardwood line. This change was addressed in New Source Review (NSR) license A-214-77-18-A (11/8/2020).

Condition (25)(A) of NDP's current Part 70 license (A-214-70-G-R/A, 2/13/2014) states the following:

The Mill shall collect pulping process condensates that contain a total HAP mass of equal to or greater than 11.1 pounds per ton of oven-dry pulp from the Digester Systems, from the Evaporator System, and from the HVLC, LVHC, and SOG systems, or comply with other control options according to 40 CFR §63.446(c). Compliance shall be demonstrated by a rolling average of the last 30 operating days.
[40 C.F.R. Part 63, § 63.446(c)]

The Department agrees that this wording is ambiguous and could be construed to imply that the standard for mills that perform bleaching applies regardless of the products produced at NDP. It was not the Department's intent to limit the flexibility included in the regulation. For clarity, this condition is being revised to read as follows:

NDP shall collect pulping process condensates that contain a total HAP mass of 11.1 lb/ton ODP or more for bleached pulp and 7.2 lb/ton ODP or more for unbleached pulp, calculated as a prorated standard based on the ratio of annual tons of bleached and unbleached ODP. Compliance shall be demonstrated by a rolling average of the last 30 operating days. [40 C.F.R. §§ 63.446(c)(3) and (i)]

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 the requirements of Subpart S 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 license amendment will not change the facility's licensed annual emissions.

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-214-70-N-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-214-70-G-R/A, in amendment A-214-70-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.

SPECIFIC CONDITIONS

The following shall replace Condition (25)(A) of Air Emission License A-214-70-G-R/A:

(25) Condensate Collection and Steam Stripper System

- A. NDP shall collect pulping process condensates that contain a total HAP mass of 11.1 lb/ton ODP or more for bleached pulp and 7.2 lb/ton ODP or more for unbleached pulp, calculated as a prorated standard based on the ratio of annual tons of bleached and unbleached ODP. Compliance shall be demonstrated by a rolling average of the last 30 operating days. [40 C.F.R. §§ 63.446(c)(3) and (i)]

DONE AND DATED IN AUGUSTA, MAINE THIS 3rd DAY OF JANUARY, 2022.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:  for
MELANIE LOYZIM, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-214-70-G-R-A.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 12/1/2021

Date of application acceptance: 12/1/2021

Date filed with the Board of Environmental Protection:

This Order prepared by Lynn Muzzey, Bureau of Air Quality.

