



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
COMMISSIONER

**Verso Bucksport, LLC
Hancock County
Bucksport, Maine
A-22-70-J-A**

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

After review of the Part 70 Section 502(b)(10) Change 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, §344 and §590, the Maine Department of Environmental Protection (Department) finds the following facts:

I. REGISTRATION

A. Introduction

Facility	Verso Bucksport, LLC (Verso Bucksport)
License Amendment Type	Part 70 Section 502(b)(10) Change
NAICS Code	322121 (pulp mill that produces paper)
Nature of Business	Groundwood and thermomechanical pulp; papermaking
Facility Location	2 River Road, Bucksport, Maine

Verso Bucksport LLC (Verso Bucksport) operates a pulp and paper mill and is licensed as a major source through its Part 70 license (A-22-70-A-I, December 30, 2004).

Verso Bucksport has submitted a Part 70 Section 502(b)(10) Change request to reduce the overall SO₂ tons/year limit in the Part 70 license from 2800 tons/year total from Boilers 5, 6, 7, and 8 and the Gas Turbine to a lower limit of 1400 tons/year total from Boilers 5, 6, and 8 and the Gas Turbine (Boiler 7 is no longer licensed and has been removed per New Source Review license A-22-77-4-A issued November 29, 2010).

B. Emission Equipment

The emission units associated with the updated SO₂ tons/year annual emission limit are Boilers 5, 6, and 8 and the Gas Turbine.

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

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941 4584

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
(207) 764-0477 FAX: (207) 760-3143

C. Application Classification

A Part 70 Section 502(b)(10) Change may be used for a license change that meets the following criteria, defined in 06-096 CMR 100 (as amended): changes that contravene an express permit term. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements.

Part 70 Air Emission License Regulations, 06-096 CMR 140 (as amended) allows the use of a Part 70 Section 502(b)(10) Change for changes that are not modifications under 06-096 CMR 140 and changes that do not cause emissions in excess of the standards in the permit (whether expressed therein as a rate of emissions or in terms of total emissions) and qualify as a 502(b)(10) Change under the Clean Air Act.

The request to reduce the annual SO₂ tons/year limit in the Part 70 license is considered a Part 70 Section 502(b)(10) Change since there will be no emissions increases, modifications of any equipment, or changes to monitoring, recordkeeping, or other license requirements.

II. PART 70 SECTION 502(b)(10) CHANGE DESCRIPTION

Verso Bucksport requested a Part 70 Section 502(b)(10) Change to reduce the SO₂ tons/year emission limit from Boilers 5, 6, and 8 and the Gas Turbine in Condition 17(A) of Part 70 license A-22-70-A-I from 2800 tons/year to 1400 tons/year. The 2800 tons/year limit was a result of licensing the past Gas Turbine project. Verso Bucksport's review of the facility's emissions trends shows a reduction of overall air emissions by more than 75% when compared to emissions from a decade ago. SO₂ emissions have been reduced through installation of the Gas Turbine, the combustion of natural gas in Boiler 8 for start-up and back-up conditions, the elimination of coal and tire derived fuels, and the limitations on the combustion of fuel oil at the mill. Currently, actual SO₂ emissions at the facility are much lower than the 1400 tons/year limit requested.

Verso Bucksport shall continue to keep records as required in the Part 70 license to determine compliance with the annual limits.

The following changes shall be made to Condition 17(A) in A-22-70-A-I:

(17) Annual Emission Limits and Compliance Demonstration

- A. The combined emissions from Boilers 5, 6, 7, and 8 and the Gas Turbine shall not exceed the following annual emissions on a 12 month rolling total basis

(these numbers were initially established in order to net the Gas Turbine out of the PSD program when the Gas Turbine was installed, with a subsequent reduction in the SO₂ limit):

Pollutant	Tons/year
PM	351
PM ₁₀	341
SO ₂	2800 1400
NO _x	1410
CO	628
VOC	205

[~~MEDEP, Chapter~~ 06-096 CMR 140]

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
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-22-70-J-A, subject to the statements and conditions found in Air Emission License A-22-70-A-I, amendments A-22-70-C-A, A-22-70-E-A, A-22-70-F-A, A-22-70-G-A, and A-22-70-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 CMR 115 for making such changes and pursuant to the applicable requirements in 06-096 CMR 140.

For each standard and special 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, 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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Bucksport, Maine
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SPECIAL CONDITIONS

The following shall replace Condition 17(A) in Air Emission License A-22-70-A-I:

(17) Annual Emission Limits and Compliance Demonstration

- A. The combined emissions from Boilers 5, 6, and 8 and the Gas Turbine shall not exceed the following annual emissions on a 12 month rolling total basis (these numbers were initially established in order to net the gas turbine out of the PSD program when the gas turbine was installed, with a subsequent reduction in the SO₂ limit):

Pollutant	Tons/year
PM	351
PM ₁₀	341
SO ₂	1400
NO _x	1410
CO	628
VOC	205

[06-096 CMR 140]

DONE AND DATED IN AUGUSTA, MAINE THIS 8 DAY OF November, 2013.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: Marie Allen Robert Corne for
PATRICIA W. AHO, COMMISSIONER

The term of this amendment shall be concurrent with the term of Air Emission License A-22-70-A-I.

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: October 15, 2013

Date of application acceptance: October 17, 2013

Date filed with the Board of Environmental Protection:

This Order prepared by Kathleen E. Tarbuck, Bureau of Air Quality.

