

AMENDMENT TO ENVIRONMENTAL ANALYSIS AND DECISION ON THE NEED
FOR AN ENVIRONMENTAL IMPACT STATEMENT (EIS)

Department of Natural Resources (DNR)

Revised 6-2001

Title of Original Environmental Assessment: Paper Machine Modification Projects
Region or Bureau NER / Air Management
Type List Designation II

Contact Person: Don C. Faith III
Title: Air Management Engineer
Address: 101 S. Webster Street, PO Box 7921 Madison, WI 53707
Telephone Number: 608-267-3135
E-mail Address: Don.FaithIII@dnr.state.wi.us

Applicant: Stora Enso North America - Kimberly Mill

Address: 433 North Main Street, Kimberly, WI 54136-1490

Title of Proposed Amendment: Amended Paper Machine Modification Projects

Location: County: Outagamie City/Town/Village: Kimberly

Township Range Section(s): Township 21N, Range 18E, Section 27

AMENDMENT SUMMARY

Describe the nature of proposed amendments to the original assessment and the reasons for the change.

In general, the projects covered under this permit application will not increase maximum production rates established under the previous permit (00-DCF-018), nor increase emissions above the emission limits established in this previous permit, with two notable exceptions:

- 1 Previous permitting did not completely account for potential emissions of particulate matter from paper making processes. Due to new emission information available from NCASI, this application addresses these potential emissions, and the appropriate analyses for BACT and air quality impacts for PM.
- 2 The Wet Lap project (described below) has the potential to increase VOC emissions on the paper machines. This increase is estimated to be approximately 12.8 tons VOC per year, divided among the paper machine complexes. As such, this application will re-assess BACT for VOC on the paper machines

Wet Lap Use

Most of the pulp currently used comes in as dry bales while some is received as wet lap which has a higher water content. There are plans to displace some of the dry bale pulp with wet lap. This would raise the PTE for VOC emissions as the higher moisture pulp contains higher levels of VOC's due to being subjected to less drying. The potential increase has been mostly divided among the three paper machines based on production capacity and is itemized on form 128 for each machine. A small amount is shown as being emitted at the WWTP since some of the VOC compounds in the pulp will end up out there and be air stripped out in aeration treatment. This project is primarily a process change however some conveyor modifications and minor pulper modifications may be required to fully implement.

DNR EVALUATION

Discuss the adverse and beneficial impacts not addressed in the original EA that would result from the amended action, and any additional alternatives considered.

There are no additional adverse or beneficial aspects of this modified project, not already discussed in the original assessment.

DECISION (This decision is not final until certified by the appropriate authority)

In accordance with s. 1.11, Stats., and Ch. NR 150, Adm. Code, the Department is authorized and required to determine whether it has complied with s. 1.11, Stats., and Ch. NR 150, Wis. Adm. Code.

Complete either A or B below:

A. EIS Process Not Required



The attached analysis of the expected impacts of this proposal is of sufficient scope and detail to conclude that this is not a major action which would significantly affect the quality of the human environment. In my opinion, therefore, an environmental impact statement is not required prior to final action by the Department.

B. Major Action Requiring the Full EIS Process



The proposal is of such magnitude and complexity with such considerable and important impacts on the quality of the human environment that it constitutes a major action significantly affecting the quality of the human environment.

Signature of Evaluator <i>Don C. Faust</i>	Date Signed 1/2/03
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Number of responses to news release or other notice (if provided):

None (regarding EA); 1 comment on permit (for company)

Certified to be in compliance with WEPA	
Environmental Analysis and Liaison Program Staff <i>George Albright</i>	Date Signed 1/2/03

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed.

For judicial review of a decision pursuant to sections 227.52 and 227.53, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to section 227.42, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

Note: Not all Department decisions respecting environmental impact, such as those involving solid waste or hazardous waste facilities under sections 144.43 to 144.47 and 144.60 to 144.74, Stats., are subject to the contested case hearing provisions of section 227.42, Stats.

This notice is provided pursuant to section 227.48(2), Stats.

Annabeth Reitter
Division Air Programs Manager

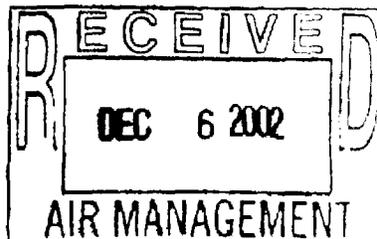


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December 3, 2002

Mr. Don Faith
Wis. Dept. of Natural Resources
Bureau of Air Management
PO Box 7921
101 South Webster Street
Madison, WI 53707-7921



Re: Stora Enso North America Kimberly Mill Paper Machine Modification
Projects - Public Notice.

Dear Mr. Faith:

The public notice for the draft air pollution control construction permit addressing the various paper machine modification and other modification and miscellaneous projects at the Stora Enso North America Kimberly Mill was published in the Appleton Post-Crescent on November 27, 2002.

Attached is the notarized proof of publication. Please notify me of any public comments received.

Sincerely,

STORA ENSO NORTH AMERICA

A handwritten signature in cursive script that reads "Annabeth Reitter".

Annabeth Reitter
Division Air Programs Manager

CC: Mr. Jim Crawford, Wisconsin Dept. of Natural Resources, 1125 N. Military Avenue
P.O. Box 10448, Green Bay, WI 54307

AIR MANAGEMENT PROGRAM

Wisconsin Department of Natural Resources, Air Management Program,
Preliminary Determination on an Air Pollution Control Permit to Construct
and Permit to Operate an Air Contaminant Source at Kimberly, Outagamie
County, Wisconsin.

Air Pollution Construction and Operation Permit Nos. 02-DCF-047 and 02-
DCF-047-OP / 445030960-P02

SENA - Kimberly, 433 N. Main St. has submitted to the Department of
Natural Resources (DNR) permit applications including plans and specifica-
tions for the modification of the paper machines, coaters, wet lap use and
other miscellaneous projects.

The Northeast Region Air Program of the DNR has analyzed these materi-
als and has preliminarily determined that the project should meet applicable
criteria for permit approval as stated in s. 285.63, Wis. Stats., including both
the emission limits and the ambient air standards and should, therefore, be
approved. The issuance of a construction permit allows the construction of
modification and initial operation of a source. An operation permit allows
continued operation of a source. An operation permit may be issued after
the permittee demonstrates compliance with the applicable requirements.

The permit application is reviewed under the Prevention of Significant
Deterioration (PSD) Program (ch. NR 405, Wis. Adm. Code) for Volatile
Organic Carbon (VOC's) and Particulate Matter (PM). The proposed project
and the modified facility will consume the following increments:

SO _x - 3 hr.; 210 µg/m ³ out of 512.0 µg/m ³ (41.1%)	SO _x - 24 hr.; 76.6 µg/m ³ out of 91.0 µg/m ³ (86.4%)
SO _x - annual; 8.2 µg/m ³ out of 20.0 µg/m ³ (41.0%)	PM ₁₀ - 24 hr.; 27.3 µg/m ³ out of 30.0 µg/m ³ (91.0%)
PM ₁₀ - annual; 4.9 µg/m ³ out of 17.0 µg/m ³ (28.9%)	NO _x - Annual; 6.5 µg/m ³ out of 25.0 µg/m ³ (26.0%)

In addition, the DNR has prepared an amendment to the current environ-
mental assessment for the project in accordance with ch. NR 150, Wis.
Adm. Code and has made a preliminary determination that an
Environmental Impact Statement will not be required before a final decision
is made on the proposed project. The DNR has determined that the pro-
posed project will not cause significant adverse environmental effects. This
preliminary determination does not constitute approval from the Air
Management Program or any other DNR sections which may also require a
review of the project.

The DNR hereby solicits written comments from the public regarding the
preliminary determination to approve the construction and operation permit
application and on the environmental assessment amendment. These com-
ments will be considered in the DNR's final decision regarding this proposal.
Information, including plans and the DNR's preliminary analysis, the current
environmental assessment and the environmental assessment amendment,
is available for public inspection at the Department of Natural Resources
Bureau of Air Management Headquarters, Seventh Floor, 101 South
Webster Street, Madison, Wisconsin, at the Northeast Region Air Program,
1125 North Military Avenue, P.O. Box 10448, Green Bay, WI 54307, Phone
(920) 492-5800 and at Kimberly-Little Chute Public Library; 515 W. Kimberly
Ave.; Kimberly, WI 54136-1335 or contact Don C. Faith III at (608) 267-
3135. This information is also available for downloading from the internet
using a world wide web browser at: [http://www.dnr.state.wi.us/
org/aw/air/reg/regs.htm](http://www.dnr.state.wi.us/org/aw/air/reg/regs.htm)

Interested persons wishing to comment on the proposal and preliminary
determinations should submit written comments within 30 days to:

Wisconsin Department of Natural Resources, Bureau of Air Management,
P.O. Box 7921, Madison, Wisconsin 53707, (608) 266-7718 Attn: Don C.
Faith III.

A public hearing may be requested by individuals if the project is of signifi-
cant concern to them. The request for hearing should indicate the interest
of the party filing the request and reasons why a hearing is warranted. The
DNR may then hold a public hearing if it determines that there is a signifi-
cant public interest in holding a hearing.

Reasonable accommodation, including the provision of informational mate-
rial in an alternative format, will be provided for qualified individuals with
disabilities upon request.

Dated at Madison, Wisconsin November 15, 2002.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary

By /s/ Jeffrey C. Hanson for
Lloyd L. Eagan, Director
Bureau of Air Management

tricia A. Plamann being duly sworn on her oath, says that she
an employee of The Post-Crescent, a newspaper published by
e Post Crescent, Division of Gannett Midwest Publishing Inc.,
Corporation organized under and by virtue of the laws of
sconsin, whose principal place of business is at Appleton,
sconsin, and that as such employee she makes this affidavit in
behalf and is authorized so to do;

at the said corporation, is the publisher and printer of The
st-Crescent, a newspaper published and printed in the city of
pleton, Outagamie County, State of Wisconsin, and that the
ice of which the annexed is a copy, taken from the paper in
ch it was published, was published in the said newspaper on
following days or days:

NOV 27, 02

P. A. Plamann

Subscribed and sworn to before me this

27 day of NOV 2002

Sandy Pruiser

Notary Public, Outagamie County, WI