

FINAL DETERMINATION

PERMITTEE

Georgia-Pacific Consumer Products LLC
P.O. Box 919
Palatka, Florida 32178-0919

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation, Air Permitting North Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. PSD-FL-393
Project No. 1070005-045-AC
Palatka Mill

This project authorizes the following modifications to the No. 4 Combination Boiler in two phases. The initial phase includes the following:

- Upgrades to the bark/wood delivery system with new air swept bark conveyors and feed bin to increase bark/wood firing rate;
- Increasing the maximum hourly heat input rate from 512.7 to 564 MMBtu per hour of bark/wood burning and restrict the annual bark/wood burning to 4,042,127 MMBtu;
- Installation of a new overfire air (OFA) system;
- Installation of a new mechanical collector to replace the existing multiclone pre-cleaner;
- Installation of a bottom ash handling system;
- Modification of ductwork to use the existing multiclone/ESP/stack from the No. 5 Power Boiler (which has been converted to natural gas) to serve the No. 4 Combination Boiler in parallel with the existing multiclone/ESP/stack; and
- Modification of ductwork to introduce the dilute non-condensable gases into the new OFA system.

The second phase is to convert the supplemental residual oil firing system for the No. 4 Combination Boiler to natural gas and permanently discontinue use of residual oil. This phase includes installation of a low-NO_x gas burner system with a capacity of 427 MMBtu per hour as well as additional pipeline capacity from the natural gas vendor, the Florida Gas Transmission Company (FGTC).

The equipment modifications will be made at the existing Palatka Mill located North of CR 216 and West of US 17, in Palatka, Putnam County, Florida. The project results in a major source air construction permit and is subject to PSD preconstruction review for PM/PM₁₀, NO_x, VOC and CO.

NOTICE AND PUBLICATION

The Department distributed an initial Intent to Issue Permit package on May 9, 2008. The applicant published the Public Notice of Intent to Issue in the Palatka Daily News on May 24, 2008. The Department received the proof of publication on June 2, 2008. Significant comments were received from the permittee during the comment period such that a revised Intent to Issue permit package was issued and the initial Intent to Issue Permit package was rescinded. The applicant published the revised Public Notice of Intent to Issue in the

FINAL DETERMINATION

Palatka Daily News on August 21, 2008. The Department received the proof of publication on August 27, 2008. No petitions for administrative hearings or extensions of time to petition for an administrative hearing were filed.

COMMENTS

No comments on the Revised Draft Permit were received from the public, the Northeast District office, EPA Region 4, the Fish and Wildlife Service or the applicant.

In drafting the final permit documents, the Department discovered an error in Condition 12a, Section 3, Subsection A, of the permit. In the second sentence, the "initial interim period" was revised from 12 to 18 months in the revised draft permit; however, the last sentence of this paragraph then refers to a 12-month initial interim period. This was corrected in the final permit from 12 to 18 months.

CONCLUSION

The final action of the Department is to issue the permit as noticed with the noted correction.

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Georgia-Pacific Consumer Operations LLC
Post Office Box 919
Palatka, Florida 32178-0919

Air Permit No. PSD-FL-393
Project No. 1070005-045-AC
Georgia-Pacific Palatka Mill
No. 4 Combination Boiler Modifications

Authorized Representative:

Mr. Keith Wahoske, Vice President

Georgia-Pacific Consumer Operations LLC operates the existing paper and pulp mill in Putnam County located North of County Road 216 and West of U.S. Highway 17 in Palatka, Florida. This final air construction permit authorizes modification to the No. 4 Combination Boiler in two phases. The initial phase includes the following changes: upgrading the bark/wood delivery system with new air swept bark conveyors and feed bin to increase bark/wood firing rate; increasing the maximum hourly heat input rate; installation of a new overfire air (OFA) system; installing new mechanical collectors to replace the existing multiclone pre-cleaners; installing a bottom ash handling system; modifying the ductwork to use the existing multiclones/electrostatic precipitator (ESP)/stack from the No. 5 Power Boiler (which has been converted to natural gas) to serve the No. 4 Combination Boiler in parallel with the existing multiclones/ESP/stack; and modifying the ductwork to introduce the dilute noncondensable gases (DNCG) into the new OFA system. The second phase will convert the supplemental residual oil firing system for No. 4 Combination Boiler to natural gas and permanently discontinue use of residual oil. Implementing this phase is dependent on obtaining additional pipeline capacity from the natural gas vendor, the Florida Gas Transmission Company, which may take approximately two to three years depending on the siting process for new pipelines as well as construction. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida



Trina L. Vielhauer, Chief
Bureau of Air regulation



(Date)

TLV/jfk/bm

NOTICE OF FINAL PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final Determination and the Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 9/29/08 to the persons listed below.

- Mr. Keith Wahoske, Georgia-Pacific Consumer Operations LLC (keith.wahoske@gapac.com)
- Mr. Mike Curtis, Georgia-Pacific Consumer Operations LLC (michael.curtis@gapac.com)
- Mr. Mark Aguilar, P.E., Georgia-Pacific Consumer Operations LLC (mjaguila@gapac.com)
- Mr. Wayne Galler, Georgia-Pacific Consumer Operations LLC (wjgaller@gapac.com)
- Mr. David Buff, P.E., Golder Associates, Inc. (dbuff@golder.com)
- Mr. Chris Kirts, Northeast District Office (christopher.kirts@dep.state.fl.us)
- Ms. Katy Forney, U.S. EPA, Region 4 (forney.kathleen@epamail.epa.gov)
- Ms. Catherine Collins, Fish and Wildlife Service (catherine_collins@fws.gov)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.



(Clerk)

9/29/08
(Date)



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

PERMITTEE

Georgia-Pacific Consumer Operations LLC
Post Office Box 919
Palatka, Florida 32178-0919

Authorized Representative:

Mr. Keith Wahoske, Vice President

Air Permit No. PSD-FL-393
Project No. 1070005-045-AC
Georgia-Pacific Palatka Mill
No. 4 Combination Boiler Modifications
SIC Nos. 2611 and 2621
Permit Expires: July 1, 2011

FACILITY AND LOCATION

This permit authorizes several physical modifications to the No. 4 Combination Boiler. The proposed work will be conducted at the existing Palatka Mill, which is a paper and pulp mill. The facility is located North of County Road 216 and West of U.S. Highway 17 in Palatka, Putnam County, Florida. The map coordinates are: UTM Zone 17; 434.0 km East; and 3283.4 km North.

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.), and Part 63 of Title 40 of the Code of Federal Regulations (CFR). Specifically, the project is subject to the preconstruction requirements for the Prevention of Significant Deterioration (PSD) of Air Quality in accordance with Rule 62-212.400, F.A.C. The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

CONTENTS

- Section 1. General Information
- Section 2. Administrative Requirements
- Section 3. Emissions Units Specific Conditions
- Section 4. Appendices

Joseph Kahn, Director
Division of Air Resource Management

9/26/08

Effective Date