

## NOTICE OF FINAL AIR CONSTRUCTION PERMIT

In the Matter of an  
Application for Permit by:

Mr. George Q. Langstaff  
V.P., Regional Mill Operations  
Smurfit-Stone Container Enterprises, Inc.  
Fernandina Beach Mill  
North 8<sup>th</sup> Street  
Fernandina Beach, Florida 32034

DEP File No. 0890003-019-AC/PSD-FL-062B  
No. 7 Power Boiler, Fuel Usage, Oxygen Meter and Testing Revisions  
Nassau County

Enclosed is the final air construction Permit No. 0890003-019-AC, which revises permit conditions related to the No. 7 Power Boiler requested for Smurfit-Stone Container Enterprises, Inc.'s existing mill located at North 8<sup>th</sup> Street, Nassau County. This permit is issued pursuant to Chapter 403, Florida Statutes (F.S.). The subject of the air construction permit is to remove the requirement to meet Performance Specification 3 for the existing flue gas oxygen meter. Pursuant to Rule 62-297.310(7), Florida Administrative Code (F.A.C.), the Department also established annual testing to demonstrate compliance with emissions standards for nitrogen oxides, particulate matter, sulfur dioxide and opacity.

No comments were received on this revised draft permit package during the Public Notice period.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



Trina L. Vielhauer  
Chief  
Bureau of Air Regulation

Smurfit-Stone Container Enterprises, Inc.  
Final Air Construction Permit  
0890003-019-AC/PSD-FL-062B

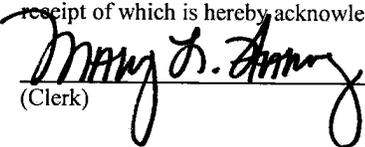
## CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL AIR CONSTRUCTION PERMIT (including the Final permit) was sent electronically (with received receipt requested) before the close of business on 10/15/07 to the persons listed or as otherwise noted:

Mr. George Langstaff, Smurfit-Stone Container Enterprises, Inc. ([glangsta@smurfit.com](mailto:glangsta@smurfit.com))  
Mr. Bill Crews, Smurfit-Stone Container Enterprises, Inc. ([bcrews@smurfit.com](mailto:bcrews@smurfit.com))  
Mr. Chris Kirts, Northeast District ([Christopher.Kirts@dep.state.fl.us](mailto:Christopher.Kirts@dep.state.fl.us))  
Mr. David Buff, P.E., Golder Associates, Inc. ([dbuff@golder.com](mailto:dbuff@golder.com))  
Mr. James Little, EPA Region 4 ([Little.James@epa.gov](mailto:Little.James@epa.gov))  
Ms. Kathleen Forney, EPA Region 4 ([Forney.Kathleen@epa.gov](mailto:Forney.Kathleen@epa.gov))

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
(Clerk)

10/15/07  
(Date)

## **Final Determination**

Smurfit-Stone Container Enterprises, Inc.  
Fernandina Beach Mill  
Facility ID No. 0890003  
Nassau County

Air Construction Permit  
Permit Project No. 0890003-019-AC/PSD-FL-062B

### **I. Public Notice.**

An Intent to Issue an Air Construction Permit to Smurfit-Stone Container Enterprises, Inc. for permit revisions related to the No. 7 Power Boiler at the existing Fernandina Beach Mill located at North 8<sup>th</sup> Street, Fernandina Beach, Nassau County, was clerked on September 11, 2007. The Public Notice of Intent to Issue an Air Construction Permit was published in the NEWS LEADER on September 19, 2007. The Draft Permit was available for public inspection at the Department's Bureau of Air Regulation in Tallahassee. Proof of publication of the Public Notice of Intent to Issue an Air Construction Permit was received on September 26, 2007.

### **II. Public Comments.**

There were no comments received during the Public Notice period.

### **III. Conclusion.**

In conclusion, the permitting authority hereby issues the final air construction permit No. 0890003-019-AC as noticed.



# 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

October 12, 2007

*Sent by Electronic Mail - Received Receipt Requested*

Mr. George Q. Langstaff, V.P., Regional Mill Operations  
Smurfit-Stone Container Enterprises, Inc.  
North 8<sup>th</sup> Street  
Fernandina Beach, Florida 32034

Re: Air Permit No. 0890003-019-AC / PSD-FL-062B  
Revises Permit Nos. AC45-35532 and PSD-FL-062  
No. 7 Power Boiler, Fernandina Beach Mill

Dear Mr. Langstaff:

This letter revision modifies existing permit conditions to: clarify that the use of fuel oil is only for startup, shutdown and malfunction in accordance with Title 40, Code of Federal Regulations (CFR), Section 60.11(d); remove the requirement for the oxygen meter to meet Performance Specification 3 in Appendix B of 40 CFR 60; and impose annual tests for particulate matter (PM), sulfur dioxide (SO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO) and opacity. Additions are double-underlined and deletions are single strike-through. This letter shall be attached to the original permits.

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.

Joseph Kahn, Director  
Division of Air Resource Management

cc: Mr. George Langstaff, Smurfit-Stone Container Enterprises, Inc. ([glangstaf@smurfit.com](mailto:glangstaf@smurfit.com))  
Mr. Bill Crews, Smurfit-Stone Container Enterprises, Inc. ([bcrews@smurfit.com](mailto:bcrews@smurfit.com))  
Mr. Chris Kirts, Northeast District ([Christopher.Kirts@dep.state.fl.us](mailto:Christopher.Kirts@dep.state.fl.us))  
Mr. David Buff, P.E., Golder Associates, Inc. ([dbuff@golder.com](mailto:dbuff@golder.com))  
Mr. James Little, EPA Region 4 ([Little.James@epa.gov](mailto:Little.James@epa.gov))  
Ms. Kathleen Forney, EPA Region 4 ([Forney.Kathleen@epa.gov](mailto:Forney.Kathleen@epa.gov))

## LETTER REVISION

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### REVISIONS TO AIR CONSTRUCTION PERMIT NO. AC45-35532

#### Specific Condition 4 of this permit is hereby revised as follows:

Before the construction permit expires, the proposed boiler will be sampled for pollutant emissions. Test procedures will be EPA reference methods 1, 2, 3, 4, 5, 6, 7, and 9 as described in 40 CFR 60, Appendix A or other approved methods. Minimum sampling time and volume will be as specified in new source performance standard for this type of source. Stack sampling facilities will include the eyebolts and angle described in the attached figures. During each federal fiscal year (September 1 – October 31), the permittee shall conduct testing in accordance with the above methods to demonstrate compliance with the emissions standards for particulate matter, sulfur dioxide (SO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), and opacity. During the NO<sub>x</sub> tests, the permittee shall also conduct reference method 10 tests to determine carbon monoxide (CO) emissions and verify the minimum and maximum set points for the flue gas oxygen meter. Performance tests shall be conducted in accordance with the requirements of Rule 62-297.310, F.A.C., which includes notifications, operating rates during testing, record keeping and reporting requirements. The pollutant emission results shall be reported in terms of the emissions standards.

[Permit Nos. AC45-35532 and 0890003-019-AC; Rule 62-297.310(7), F.A.C.]

#### Specific Condition 7 of this permit is hereby revised as follows:

Fuel oil may be used for start-ups, shut-down, and ~~stand-by when coal is not available~~ malfunction, but the emissions during these periods must be minimized to the extent practicable pursuant to 40 CFR 60.11(d). The oil will have a maximum sulfur content of 2.5% by weight. The emissions standards of NSPS Subpart D do not apply during startup, shutdown and malfunction.

[Permit Nos. AC45-35532 and 0890003-019-AC; 40 CFR 60.11(d)]

### REVISION TO PERMIT NO. PSD-FL-062

#### The second paragraph of Attachment II (Use of Flue Gas Oxygen Meter as BACT for Combustion Controls) of this permit is hereby revised as follows:

~~The permittee shall install a continuous oxygen monitor in the flue of the permitted combustion device which meets the requirements of 40 CFR 60, Appendix B, Performance Specification 3.~~ To promote good combustion practices, the permittee shall install, calibrate, operate and maintain an oxygen meter in the flue of the No. 7 Power Boiler to continuously monitor and record the oxygen content of the boiler flue gas. At least daily, the permittee shall calibrate the flue gas oxygen meter. Results of emission determinations shall be correlated to the flue gas oxygen content to define: