

Florida Department of Environmental Protection

Memorandum

TO: Michael G. Cooke, Division of Air Resource Management
THRU: Trina Vielhauer, Bureau of Air Regulation
FROM: Jeff Koerner, Air Permitting North Program
DATE: May 9, 2006
SUBJECT: Suwannee American Cement, L.L.C.
Branford Cement Plant – Existing Kiln Line No. 1 System
Temporary Hydrated Lime Testing
Suwannee County, Florida

The Final Permit for this project is attached for your approval and signature. The project authorizes a temporary evaluation period to: process raw materials (i.e., limestone, etc.) mined on site with potentially higher sulfur contents; allow stabilization of the sulfur-alkali balance in the kiln system with these materials; evaluate full uncontrolled SO₂ emissions; test other sources of alkali (i.e., feldspar) that could be used to bind sulfur to the cement clinker product to reduce SO₂ emissions; monitor and record changes in the uncontrolled SO₂ emissions; and test the reduction capabilities of the installed hydrated lime system. The permit also authorizes installation of a new limestone bin to feed the finish mill. The existing Branford Cement Plant (SIC No. 3241) is located at 5117 U.S. Highway 27 in Suwannee County, Florida.

The Department distributed an "Intent to Issue Permit" package on April 7, 2006. The applicant published the "Public Notice of Intent to Issue" in The Suwannee Democrat on April 21, 2006. The Department received the proof of publication on May 1, 2006. No petitions for administrative hearings or extensions of time to petition for administrative hearings were filed. As described in the attached Final Determination, comments were received from the Suwannee-St. Johns group of the Sierra Club. No changes were made as a result of these comments.

Day #90 is May 24, 2006. I recommend your approval of the attached Final Permit for this project.

Attachments