

## FINAL DETERMINATION

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### PERMITTEE

CEMEX Construction Materials Florida, LLC (CEMEX)  
Brooksville South Cement Plant  
10311 Cement Plant Road  
Brooksville, Florida 34601

### PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)  
Division of Air Resource Management  
Office of Permitting and Compliance  
2600 Blair Stone Road, MS #5505  
Tallahassee, Florida 32399-2400

### PROJECT

Title V Air Operation Permit Renewal No. 0530021-047-AV  
Brooksville South Cement Plant

The purpose of this permitting project is to renew the existing Title V air operator permit for the above referenced facility. Specifically, the renewal consist of incorporating the use of alternative fuels for the kiln of Cement Line No. 2 and to remove any reference to the recently separated Central Power and Lime (CP&L) power plant which is now under the control of Florida Power Development, LLC. The CP&L power plant was recently authorized to derate in power from 150 megawatts (MW) to 70 to 80 MW and convert from coal firing to biomass firing by Air Construction Permit No. 0530380-001-AC (PSD-FL-090E). In addition, the CP&L power plant was authorized to separate itself from Cement Line No. 1 as a result of this permitting action.

### NOTICE AND PUBLICATION

On February 2, 2013, the Department gave notice of its intent to issue a draft/propose Title V air operation permit renewal. CEMEX published the Public Notice of Intent to Issue a Title V Air Operation Renewal for the project on March 9, 2013 in Tampa Bay Times. The complete project file including the Application, the Draft/Proposed Title V Air Operation Permit and the Statement of Basis regarding the permit package are available at the following web link by entering the permit number given above:

<http://www.dep.state.fl.us/air/emission/apds/default.asp>.

### COMMENTS

No comments were received from the public on the draft/proposed Title V air operation permit renewal during the 30-day comment period that ended on April 9, 2013. No comments were received from the EPA on the Title V permit renewal during the 45-day comment period that ended on April 23, 2013. On March 5, 2013, CEMEX provided comments to the Department addressing the Title V permit renewal. With one exception, the comments regarding draft/proposed Title V permit renewal were related to minor typos and inconsistencies. These typos and inconsistencies have been corrected in the final permit.

The one significant comment was related to allowing the use of new No. 2 distillate fuel oil, residual fuel oil and "on-specification" used oil during the normal operation of the kiln for Cement Line No. 1. Currently, the No. 2 fuel oil can only be used during startup/preheating operations of the kiln. In addition, "on-specification" used oil is only allowed to be fired as a blend with purchased fuel oil as a startup fuel only. In its comment, CEMEX asked to be allowed to use the new No. 2 fuel oil and the blend of used oil and purchased fuel oil during normal operation of the kiln. To accomplish this modification in the Title V permit an underlying air construction permit would be required. Consequently, this comment is not addressed in the final Title V air operation permit renewal.

### CONCLUSION

The final action of the Department is to issue the final Title V Air Operation Permit Renewal No. 05300213-047-AV with the minor changes indicated above.