FINAL DETERMINATION

PERMITTEE

Rex Lumber, Bristol, Florida
Highway 12 South
Post Office Box 610
Bristol, Florida 32321

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resources Management Program
Northwest District
160 W Government Street, Suite 308
Pensacola, Florida 32502-5740

PROJECT

Air Permit No. 0770007-017-AC
Title V Source Air Construction Permit
Bristol Lumber Mill

Rex Lumber, Bristol, Florida proposes to convert the existing steam-heated lumber drying Kiln 1 from a batch-process kiln to a continuous open-ended countercurrent kiln with a pre-conditioning chamber, drying chamber and post-conditioning chamber. The project will increase the maximum production capacity of Kiln 1 from 66 million board-feet per year to 85 million board-feet per year and total facility kiln throughput from 176 million to 195 million board-feet per year.

Kiln 1 will be lengthened from 84 feet to 204 feet by adding two 60-feet long conditioning chambers at the ends. Pushers, controls and other associated equipment will also be added as part of the project. After the changes, two streams of green lumber will enter at opposite ends of the kiln and travel in opposite directions, allowing incoming green lumber to be preheated by the outgoing dry lumber. The green wood will slowly advance on trams through the kiln from preconditioning to drying to post-conditioning and emerge at the other end as dry lumber.

No changes are proposed for the waste wood-fired boilers (EU 001 and EU 002) or the waste wood handling and storage operations (EU 014).

NOTICE AND PUBLICATION

The Department distributed a draft Title V source air construction permit package on December 20, 2012. The applicant published the Public Notice in the Calhoun-Liberty Journal on January 9, 2013. The Department received the proof of publication on January 11, 2013. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permit were received from the public, the EPA Region 4 Office or the applicant.

CONCLUSION

The final action is to issue the permit with any minor changes, corrections and clarifications as described above.