Memorandum

Florida Department of
Environmental Protection

To: Rick Bradburn, Air Program Administrator

Through: Armando I. Sarasua, P.E., Air Permitting Supervisor

From: Rick Prusa, Project Engineer

Date: August 21, 2012

Subject: Title V Source Air Construction Permit
Project No. 00630058-011-AC
Green Circle Bio Energy Inc.; Cottondale Wood Pellet Plant
Major Pellet Plant Expansion

The final permit for this project is attached for your approval and signature, which authorizes the facility to increase hourly and annual wood pellet production from 88 tons per hour and 610,000 tons per year to 121 tons per hour and 827,000 tons per year. To accomplish this, woodyard truck traffic will increase and a green Chip Screening and Sizing Operation, a new dryer line, a new dry chip silo, up to ten new horizontal hammer mills, three new pellet mills and new pneumatic transfer systems will be constructed. The pelleting aspiration stack and pelleting cooler stack on each line will be combined as part of the project. The proposed project increases facility-wide emissions of PM/PM_{10}, NO_X, CO, VOC and SO_2 by 141.2, 122.7, 11.1, 93.3 and 0.17 tons per year, respectively. The work will be performed in Jackson County at 2500 Green Circle Parkway in Cottondale, Florida. This construction permit includes NSPS 40 CFR 60 Subpart Db requirements for the dryer lines' steam generators and requirements to test for VOC and HAP at the hammermills and pelleting lines. The project results in a Title V air construction permit and is not subject to PSD preconstruction review.

The attached Final Determination summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Attachments

RP/c