Technical Evaluation
and
Preliminary Determination

I. GENERAL INFORMATION

A. FACILITY

Owner or Operator:	Gary Cummings
Mailing Address:	4300 Wildwood Parkway Atlanta, Georgia 30339
Facility AIRs ID:	0230043-009-AO

B. PROJECT

Renewal of operation permit No. 0230043-009-AO for the continued operation of a cut to size lumber mill with pneumatic control system.

C. FACILITY DESCRIPTION

A cut to size lumber mill with pneumatic control system includes two saw shops that bring in lumber and panel boards for cutting and shipping. Site A saw shop (EU001) is located at 694 SE County RD 245, Lake City, Columbia County, Florida; and Site B saw shop (EU002) is located at 3610 US Highway 90, Columbia County, Florida. Both locations are considered to be under common ownership.

Site A (EU 001) consists of several saws divided into 3 groups:

Specialty lumber Group, which includes two Clary saws and a band saw, the band saw according to the facility's manager should have been included in the original permit (email received 08/09/2011).

Cut-to-size lumber group now includes a holtec saw moved from the specialty group based on facility's request (email received 08/09/2011) an XP-225 planer, and an upcut saw.

The panel group includes a shaper saw, an upcut saw, a JKO hauncher and a MJ Rip saw moved from the panel group section based on facility's request (email received 08/09/2011). Particulate matter emissions from the equipment are pneumatically suctioned to a 24,000-dscfm cyclone that transfers the sawdust via a large tubular chute that is connected to an opening in the side of a truck or bin. The collected sawdust is then sold to off site operations for reuse.

Site B (EU002) includes:

A 1997 Anthon Panel primary saw, Model No. LNB LBB/150/42/22.5. A Holzma Panel Cutter, Model No. HPL-22-43/16, a Critz saw an edge bander and a dust collection system for the control of emissions from the sawing operation. The dust collection system consists of a cyclone collector, a fan and ductwork. Emissions collected from this site are sent to a landfill.

II. RULE APPLICABILITY AND TECHNICAL EVALUATION

A. RULE APPLICABILITY

Regulatory Classification

The facility is a natural minor air pollution source and is subject to Rule 62-296.320(4)(b) 1., F.A.C.
General Visible Emissions Standard

B. TECHNICAL EVALUATION

The Estimated potential emissions of 79.2 tpy PM, 38.4 tpy PM_{10} and 2.23 tpy $PM_{2.5}$ are based on the amount of sawdust generated by the saws, the cyclone efficiency and particle size of sawdust.

The maximum facility wide emissions rate is 20% opacity. The facility is not required to perform a visible emissions compliance test, however when the Department believes that the general visible emissions standard is being violated, the Department may require that the owner or operator perform a visible emissions compliance test per 62-297.310(7)(b), F.A.C. Special Compliance Test.

Saw replacements or additions may require new emissions estimates to be calculated by the facility with the submittal of a construction permit.

Date of issue: August 15, 2011
Expiration Date: August 15, 2016.

CONCLUSION

Based upon the information provided by the applicant, the Department has reasonable assurance that the operation of the facility as described in the application and addendums and subject to the conditions proposed herein, will not cause or contribute to a violation of any technical provision Rule 62-210, and 62-296.320, F.A.C.

PERMIT PROCESSOR: Y.K. ENRIQUEZ
DATE: AUGUST 15TH 2011