PERMITTEE

Southern Gardens Citrus Processing Corporation
1820 County Road 833
Clewiston, Florida 33440

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air Resource Section
South District Office
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33902-2549

PROJECT

Air Permit No. 0510015-025-AC
Air Construction Permit
Clewiston Facility

This project modifies the authorized fuels burned by the boilers and the peel dryers and increases the heat input of peel dryer No. 1.

NOTICE AND PUBLICATION

The Department distributed a draft source air construction permit package on June 11, 2012. The applicant published the Public Notice in the Clewiston News on June 14, 2012. The Department received the proof of publication on June 28, 2012. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

Applicant

On July 2, , the Department received comments from the applicant. The following summarizes the comments and the Department's response.

1. The applicant requested several typographical errors be corrected.

   Response: The Deaprtment has made the requested changes.

2. The applicant requested clarification to the emissions unit decription for the cirturs peel dryers. Specifically, the applicant requested scrubbing system information clarified.

   Response: The Department has changed the following paragraphs of the emssions units description in Scention 3., Subsection A as follows:

Each dryer is connected to a common waste heat evaporator (WHE) and medium efficiency wet scrubber. The scrubbing system is integral to the WHE. Water sprays are located at several places in the WHE, including the exhaust stack. The scrubbing liquid is collected in a tank at the base of the WHE and recycled back to the water sprays in the WHE. A sodium-alkali (sodium hydroxide) solution is added to the scrubber water to control SO_2 emissions. (See Permitting Note below.)

The maximum throughput for each dryer is approximately 55 TPH pressed wet peel (dependent on peel moisture content which varies from 61 – 75%). The capacity of the WHE is 135,000 pounds per hour (lbs/hr) and the capacity of each peel dryer is 60,000 pounds per hour (water evaporation rate). The common WHE stack

specifications are 125 feet high, 5.7 feet exit diameter, 177 °F exit temperature and 37,522 actual volumetric flow rate (acfm).

{Permitting Note: The second WHE (capacity was 70,000 lb/hr) and scrubber still exist but is not connected to a dryer. As part of this project, the facility used their one time election to resume combustion of fuel oil with a maximum fuel sulfur content of 0.1 % by weight and discontinue continuous pH monitoring per specific condition 5.e. in Permit No. 0510015-016-AC/PSD-FL-368 and 0510015-020-AC. ***Therefore, upon completion of construction, the facility may discontinue the alkali solution injection in the scrubbers and discontinue the continuous pH monitoring.****}*

CONCLUSION

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