FINAL DETERMINATION

PERMITTEE

Lake County Resource Recovery Facility
Covanta Lake II, Inc.
3830 Rogers Industrial Park Road
Okahumpka, Florida 34762

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

Permit No. 0690046-015-AC/PSD-FL-113J
Application for Minor Source Air Construction Permit
Combustion of Biosolids in Municipal Waste Combustor Unit Nos. 1 & 2 and Waste (Fuel Slate) Revisions

PUBLIC NOTICE

The Department distributed a draft air construction permit package on September 5, 2014. The applicant published the Public Notice in the Orlando Sentinel in Orange County, Florida on September 10, 2014. The Department received the proof of publication on September 17, 2014.

No requests for an administrative hearing or requests for an extension of time in which to file a petition for an administrative hearing were received by the Agency Clerk in the Department's Office of General Counsel.

COMMENTS

No comments on the permit were received from the Applicant, the public or the U.S. EPA Region 4 Office during the 14-day public comment period.

Department Corrections

The Department made several corrections/clarifications in the final permit. All changes are emphasized with yellow highlight in this document only. Additions to the permit are indicated below by double underline. Deletions from the permit are indicated below by ~~strike through~~.

1. Page 3 of the Permit - Section II. General Description. Activated carbon is injected before the scrubber at the Lake County RRF. The general description on page 3 of the permit is corrected to read as follows:

> "This existing facility consists of two identical 288 tons per day (TPD) mass-burn municipal waste combustors (Units 1 and 2) and associated support equipment. Each furnace is equipped with an aqueous ammonia (NH_3) injection system based on the principle of selective non-catalytic reduction for nitrogen oxides (NOx) control. After heat recovery for electrical energy production, the exhaust gas from each furnace is further cooled by injection of water and slaked lime slurry into a spray dryer absorber (scrubber) where acid gases react with lime and are converted to solid reaction products. Activated carbon is injected ~~after~~before the scrubber for mercury (Hg) and dioxin/furan (D/F) control. Fly ash, including reaction products from the scrubber and the spent activated carbon are removed in a fabric filter baghouse. The exhaust is conveyed via an induced draft fan into a flue located within the facility stack."

CONCLUSION

The final action of the Department is to issue the permit with the administrative corrections and/or clarifications as noted above.