

Florida Department of Environmental Protection  
Office of Air Resource Management  
Office of Permitting and Compliance

Draft Permit Nos. 0690046-015-AC/PSD-FL-1131  
and 0690046-015-AC/PSD-FL-1132

Combustion of Biosolids in Municipal Waste Combustion  
Units Nos. 1 & 2 and Waste-to-Energy Combustion  
Unit No. 3  
Covanta/Lake II, Inc., Lake County Resource Recovery Facility  
Lake County, Florida

**Applicant:** The applicant for this project is Covanta Lake II, Inc., Lake County Resource Recovery Facility. The applicant's authorized representative and mailing address are: Mr. Gary McLean, Facility Manager, Covanta Lake II, Inc., 3830 Rogers Industrial Park Road, Oklawaha, Florida 34762.

**Facility Location:** The existing Lake County Resource Recovery Facility is located in Lake County at 3830 Rogers Industrial Road, Oklawaha.

**Project:** The applicant (applied on April 28, 2014, to the Department for a minor source air construction permit for the Lake County Resource Recovery Facility) intends to secure air construction permits for the combustion of biosolids in Municipal Waste Combustion (MWC) Unit Nos. 1 & 2 and waste-to-energy (WTE) Unit No. 3.

This existing facility consists of two identical 280,000 lbs per day (TPD) mass burn incinerators, diesel combustors (Units 1 and 2), and associated support equipment. Each combustor is equipped with an "abatement" unit prior to the flue gas exiting. The combustors will have a "gas scrubber" for sulfur dioxide (SO<sub>2</sub>) control. After heat recovery, air is cleaned by a wet scrubber and a catalytic converter. The waste-to-energy boiler is cooled by recirculation of water and is a closed-loop system. The boiler feeds a steam generator, which produces steam for use in various processes. The boiler is equipped with a wet scrubber for sulfur dioxide (SO<sub>2</sub>) control. The boiler feeds a steam generator, which produces steam for use in various processes. The boiler is equipped with a wet scrubber for sulfur dioxide (SO<sub>2</sub>) control. The boiler feeds a steam generator, which produces steam for use in various processes.

The facility is equipped with continuous emission monitoring (CEM) for sulfur dioxide (SO<sub>2</sub>), nitrogen dioxide (NO<sub>2</sub>), and volatile organic compounds (VOCs). The facility is also equipped with a particulate matter (PM) and hydrogen chloride (HCl) monitoring system.

Steam output from the two processing trains drives a 31.5 MW generator. The steam output from the two processing trains drives a 31.5 MW generator. The steam output from the two processing trains drives a 31.5 MW generator. The steam output from the two processing trains drives a 31.5 MW generator.

The facility also has a wastewater treatment plant (WWTP) and a pump engine. The facility also has a wastewater treatment plant (WWTP) and a pump engine. The facility also has a wastewater treatment plant (WWTP) and a pump engine. The facility also has a wastewater treatment plant (WWTP) and a pump engine.

Also at the facility are mixed waste and solid waste units and/or activities. The facility also has a mixed waste and solid waste unit. The facility also has a mixed waste and solid waste unit. The facility also has a mixed waste and solid waste unit.

There are no expected significant emission rate increases from the proposed project. The project therefore is not subject to Prevention of Significant Deterioration (PSD) preconstruction review. In the draft permit, the Permitting Authority is requiring testing and monitoring to confirm the level of emissions and to demonstrate compliance with emission standards/limits.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 400, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the F.A.C. The proposed project is not exempt from air permitting requirements. The Office of Permitting and Compliance is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is 2600 Blair State Road, Palm Bay, Florida. The Permitting Authority's mailing address is 2600 Blair State Road, Mail Station #5855, Tallahassee, Florida 32399-2400. The Permitting Authority's phone number is 904-775-3300.

**Project File:** A complete project file is available for public inspection during the normal business hours of 9:00 am to 4:00 pm, Monday through Friday (except legal holidays) at the address indicated above for the Permitting Authority. The complete project file includes the draft air construction permit, the Technical Evaluation and Preliminary Determination, the application and the information submitted by the applicant, exclusive of confidential records under Section 603.03 of the Florida Statutes. Interested persons may view the draft air construction permit by visiting the following website: <http://www.dep.state.fl.us/air/permits/abstract.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address/phone number listed above.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue the draft air construction permit for the project described above. The applicant has provided reasonable assurance that operation of the existing equipment will not adversely impact air quality. Chapter 62-210, F.S. 62-210(1) (b) 3(a) and 62-212, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft air construction permit. The Permitting Authority will issue a final permit in accordance with the conditions of the draft air construction permit. The Permitting Authority will issue a final permit in accordance with the conditions of the draft air construction permit.

**Comments:** The Permitting Authority will accept written comments on the draft air construction permit for a period of 10 days from the date of publication of this Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 pm) on the date indicated above. Comments should be clearly marked with the name of the person submitting the comments, a telephone number, and an email address. The Permitting Authority shall review the comments and modification to the draft air construction permit. The Permitting Authority shall review the comments and modification to the draft air construction permit.

**Petitions:** A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by an applicant or any of the parties listed below must be filed within 12 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any person other than those identified in the notice under Section 120.569(3), F.S., must be filed within 7 days of publication of the attached Public Notice or within 7 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.569(3), F.S., however, any person who asked the Permitting Authority for a notice of hearing may file a petition within 7 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant. The address indicated above, at the time of filing, is the address to which the petitioner's petition must be mailed. The Office of Below and Above the Permitting Authority shall receive petitions for administrative hearing. The Office of Below and Above the Permitting Authority shall receive petitions for administrative hearing. The Office of Below and Above the Permitting Authority shall receive petitions for administrative hearing.

**Administrative Hearing:** The Permitting Authority will hold an administrative hearing to allow persons whose substantial interests are affected by the proposed permitting decision to be heard. The hearing will be held on the date and at the location indicated above. The hearing will be held on the date and at the location indicated above. The hearing will be held on the date and at the location indicated above.

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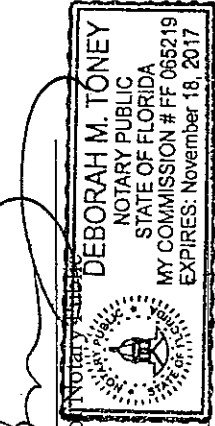
### STATE OF FLORIDA LAKE COUNTY

Before the undersigned authority personally appeared Sheri Schmitz / Adetris DeValle / Brian Hall / Charity Casas / Pam Arnold, who on oath says that he/she is an Advertising Representative of the ORLANDO SENTINEL, a DAILY newspaper published in ORANGE County, Florida; that the attached copy of advertisement, being a Legal Notice in the matter of **Draft Permit Nos. 0690046-015-AC/PSD-FL-1131** in LAKE County, Florida, was published in said newspaper in the issues of 09/10/14

Affiant further says that the said ORLANDO SENTINEL is a newspaper published in said ORANGE County, Florida, and that the said newspaper has heretofore been continuously published in said ORANGE County, Florida, each day and has been entered as periodicals matter at the post office in ORANGE County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he or she has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

*Sheri Schmitz*  
Signature of Affiant

Sworn to and subscribed before me on this 10 day of September, 2014.



Signature of Notary Public  
**DEBORAH M. TONEY**  
NOTARY PUBLIC  
STATE OF FLORIDA  
MY COMMISSION # FF 065219  
EXPIRES: November 18, 2017

Name of Notary, Typed, Printed, or Stamped  
Personally Known ( X ) or Produced Identification ( )  
**2667488**