PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

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

Draft Permit Nos. 0690046-015-AC/PSD-FL-113J, Air Construction Permit & Revision
Combustion of Biosolids in Municipal Waste Combustor Unit Nos. 1 & 2 and Waste (Fuel Slate) Revisions
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 Main, Facility Manager, Covanta Lake II, Inc., 3830 Rogers Industrial Park Road, Okahumpka, Florida 34762.

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

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. The minor source air construction permit is for the combustion of biosolids in Municipal Waste Combustor (MWC) Unit Nos. 1 & 2 and waste (fuel slate).

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 combustor is equipped with an aqueous ammonia 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 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.

The facility is equipped with continuous emission and opacity monitoring systems (CEMS and COMS) for carbon monoxide (CO), sulfur dioxide (SO_2), NOx, and visible emissions (VE). Annual stack testing is required for particulate matter (PM), hydrogen chloride (HCl), mercury, dioxin/furan, cadmium and lead.

Steam output from the two processing trains drives a 15.7 megawatts (MW) steam turbine-electric generator. The fly ash, stoker grate bottom ash and other wastes are combined and transported to a Class I landfill or ash monofill having an in-place bottom liner and leachate collection system.

The facility also has an emergency diesel-fired fire pump engine (Caterpillar) rated at 185 HP (EU 004) which is regulated under 40 CFR 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) adopted in Rule 62-204.800(11)(b), F.A.C.

Also at the facility are miscellaneous insignificant emissions units and/or activities.

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/or 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 403, 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 Stone Road, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's phone number is 850-717-9000.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00

a.m. to 5:00 p.m., 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 & Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft air construction permit by visiting the following web site: http://www.dep.state.fl.us/air/emission/apds/default.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 or 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 and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue the final permit in accordance with the conditions of the draft air construction permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the draft air construction permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the draft air construction permit modification, the Permitting Authority shall revise the draft air construction permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

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 the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number, and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's

proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Written Notice of Intent to Issue Air Permits. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.