



Florida Department of  
Environmental Protection

Memorandum

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To: Trina Vielhauer, Bureau of Air Regulation  
Through: Jeff Koerner, New Source Review Section   
From: Bruce Mitchell, New Source Review Section   
Date: November 3, 2009  
Subject: Draft Air Construction Permit Modification No. 0690046-008-AC (PSD-FL-113H)  
Concurrent Draft/Proposed Title V Air Operation Permit No. 0690046-009-AV  
Covanta Lake II, Inc., Lake County Resource Recovery Facility  
Municipal Solid Waste Combustors Units 1 and 2, Request to Process Regulated Garbage from  
International or Interstate Movements

Attached for your review are the following items: Written Notice of Intent to Issue Air Permits, Public Notice of Intent to Issue Air Permits, Air Construction Permit Modification, Technical Evaluation and Preliminary Determination, Draft/Proposed Title V Air Operation Permit, Statement of Basis and P.E. Certification. The draft air construction permit changes specific conditions in original Permit No. PSD-FL-113E regarding the processing of regulated garbage from international or interstate movements in Municipal Solid Waste Combustors Units 1 and 2. The concurrent draft/proposed Title V revision incorporates these changes.

I recommend your approval of the attached draft/proposed permits package.

Attachments

TLV/jfk/rbm

**P.E. CERTIFICATION STATEMENT**

**PERMITTEE**

Covanta Lake II, Inc.  
3830 Rogers Industrial Park Road  
Okahumpka, FL 34762

Project No. 0690046-008-AC  
Project No. 0690046-009-AV  
Covanta Lake II, Inc.  
Units 1 and 2  
International and Interstate Solid  
Waste Project  
Lake County, Florida

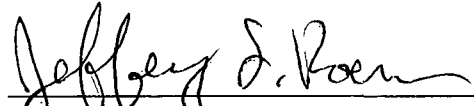
**PROJECT DESCRIPTION**

Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility, which is a municipal solid waste processing facility (SIC No. 4953) located in Lake County at 3830 Rogers Industrial Road in Okahumpka, Florida. The applicant submitted a request for authorization to process regulated garbage from international or interstate movements (e.g., airlines, cruise ships, trucks, etc.) in municipal solid waste combustor Units 1 and 2. "International or interstate" regulated garbage means garbage originating from outside the continental United States (U.S.) and Canada. In addition, the applicant made a request to change the averaging period of the segregated load weight limitation from monthly to quarterly in order to accommodate spikes in deliveries of this type of waste stream due to events such as natural disasters (e.g., hurricanes).

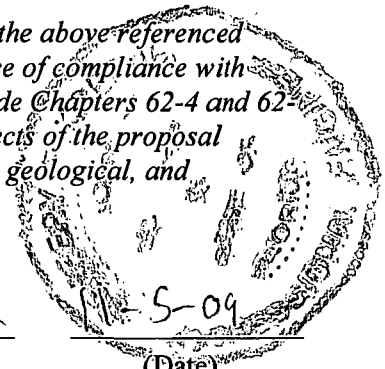
International and interstate regulated garbage is not expected to differ from non-regulated garbage except for the point of origin. Since there is no change in the throughput rate or composition of municipal solid waste processed, then there are no projected changes in actual pollutant emissions. With regard to the throughput, a monthly averaging period has been established for all municipal solid waste combustors in the state. Regulated garbage from international or interstate movements was approved as an authorized segregated waste, but no change was made to the averaging period.

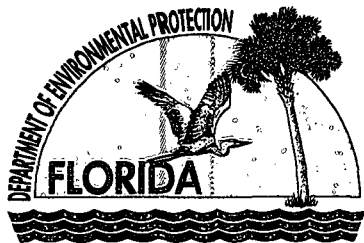
This project is subject to the general preconstruction review requirements in Rule 62-212.300, Florida Administrative Code (F.A.C.) and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

*I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, civil, mechanical, structural, hydrological, geological, and meteorological features).*



Jeffery F. Koerner, P.E.  
Registration Number 49441





# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

*Electronically Sent - Received Receipt Requested*

Mr. Gary Main  
Facility Manager  
Covanta Lake II, Inc.  
3830 Rogers Industrial Park Road  
Okahumpka, FL 34762

Re: Project No. 0690046-008-AC (PSD-FL-113H)  
Project No. 0690046-009-AV  
Covanta Lake II, Inc. - Lake County Resource Recovery Facility  
Municipal Solid Waste Combustors Units 1 and 2  
Request to Process Regulated Garbage from International or Interstate Movements

Dear Mr. Main:

Enclosed is the permit package to authorize the processing of regulated garbage from international or interstate movements in the existing Lake County Resource Recovery Facility's municipal solid waste combustors (MSWC) Units 1 and 2. This permit package contains an air construction permit and concurrently revises the Title V air operation permit to incorporate the changes. This existing Lake County Resource Recovery Facility is located at 3830 Rogers Industrial Park Road in Okahumpka, Lake County, Florida. The permit package includes the following documents: the draft air construction permit; the Technical Evaluation and Preliminary Determination; the Statement of Basis; the draft/proposed Title V air operation permit; the Written Notice of Intent to Issue Air Permits; and the Public Notice of Intent to Issue Air Permits.

The Public Notice of Intent to Issue Air Permits is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The Public Notice of Intent to Issue Air Permits must be published as soon as possible and the proof of publication must be provided to the Department within seven days of the date of publication. If you have any questions, please contact the Project Engineer, Bruce Mitchell, by telephone at 850/413-9198 or by email at [bruce.mitchell@dep.state.fl.us](mailto:bruce.mitchell@dep.state.fl.us).

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

11/5/09

(Date)

TLV/jfk/rbm

Enclosures

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**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS**

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In the Matter of an

Application for an Air Construction Permit and a Title V Air Operation Permit Revision by:

Covanta Lake II, Inc.  
3830 Rogers Industrial Park Road  
Okahumpka, FL 34762

*Responsible Official:*

Mr. Gary Main, Facility Manager

Project No. 0690046-008-AC (PSD-FL-113H)  
Project No. 0690046-009-AV  
Lake County Resource Recovery Facility  
Facility ID No. 0690046  
Municipal Solid Waste Combustor Units 1 & 2  
Request to Process Regulated Garbage from  
International or Interstate Movements  
Lake County, Florida

**Facility Location:** Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility (Lake County RRF), which is a municipal solid waste processing facility, located at 3830 Rogers Industrial Park Road in Okahumpka, Lake County, Florida.

**Project:** The purpose of this project is to authorize the processing of regulated garbage from international or interstate movements in the existing Lake County RRF's municipal solid waste combustor (MSWC) Units 1 and 2. This permit package contains an air construction permit and concurrently revises the Title V air operation permit to incorporate the changes. In addition, the applicant made a request to change the averaging period of the segregated load weight limitation from monthly to quarterly in order to accommodate spikes in deliveries of this type of waste stream due to events such as natural disasters (e.g., hurricanes, etc.). Regulated garbage from international or interstate movements means garbage that originates from outside the continental United States (U.S.) or Canada. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. International and interstate regulated garbage is not expected to differ from non-regulated garbage except for the point of origin. The applicant indicated that there will be no new pollutants, no changes in actual emissions and no change in the waste throughput or steam production. The draft permit approves regulated garbage from international or interstate movements as an authorized segregated waste, but no change was made to the averaging period. Details of the project are provided in the application, the enclosed Technical Evaluation and Preliminary Determination and the enclosed Statement of Basis.

**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 Florida Administrative Code (F.A.C.). Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, F.S., and Chapters 62-4, 62-210 and 62-213, F.A.C. The proposed project is not exempt from air permitting requirements; therefore, an air construction permit and a Title V air operation permit are required. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for these projects. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

**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 application, the draft air construction permit, the draft/proposed Title V air operation permit, the Technical Evaluation and Preliminary Determination, the Statement of Basis 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 and draft/proposed Title V air operation permit by visiting the following website, <http://www.dep.state.fl.us/air/emission/apds/default.asp>, and entering the project numbers shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

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**Notice of Intent to Issue Permits:** The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed 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 a final permit in accordance with the conditions of the draft air construction permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a revised Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed 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, 62-213, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft/proposed Title V air operation permit unless a response received in accordance with the following procedures results in a different decision or a significant change of terms or conditions.

**Public Notice:** Pursuant to Section 403.815, F.S., and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permits (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at the above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**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, 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.

The Permitting Authority will accept written comments concerning the draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly. If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the draft/proposed Title V air operation permit, the Permitting Authority shall issue a revised draft/proposed Title V air operation permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

**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. The petition must contain the

## WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS

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information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. 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 Permits. 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 Permits, 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. 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, and telephone number of the petitioner; the name, address and telephone 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 in this proceeding.

**EPA Review:** EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that result in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/Florida.htm>.

**Objections:** Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as

**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS**

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established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMITS**

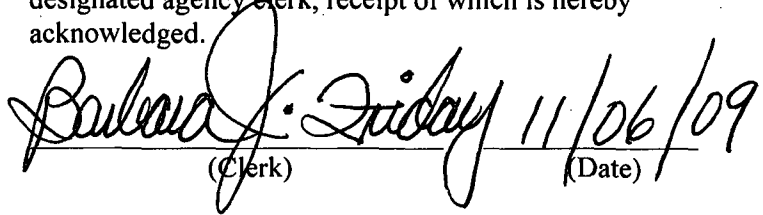
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that either this Written Notice of Intent to Issue Air Permits (including the Public Notice of Intent to Issue Air Permits, the draft air construction permit, the draft/proposed Title V air operation permit, Technical Evaluation and Preliminary Determination and the Statement of Basis), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested before the close of business on 11/06/09 to the persons listed below.

- Mr. Gary Main, Covanta Lake II, Inc.: ([gmain@covantaenergy.com](mailto:gmain@covantaenergy.com))
- Mr. Viet Ta, Covanta Lake II, Inc.: ([vta@covantaenergy.com](mailto:vta@covantaenergy.com))
- Mr. Jason Gorrie, P.E., Covanta Energy: ([jgorrie@covantaenergy.com](mailto:jgorrie@covantaenergy.com))
- Ms. Caroline Shine, DEP Central District Office: ([caroline.shine@dep.state.fl.us](mailto:caroline.shine@dep.state.fl.us))
- Ms. Heather Abrams, U.S. EPA Region 4: ([abrams.heather@epa.gov](mailto:abrams.heather@epa.gov))
- Ms. Katy Forney, U.S. EPA Region 4: ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))
- Ms. Ana Oquendo, U.S. EPA Region 4: ([oquendo.ana@epa.gov](mailto:oquendo.ana@epa.gov))
- Ms. Barbara Friday, DEP BAR: ([barbara.friday@dep.state.fl.us](mailto:barbara.friday@dep.state.fl.us))
- Ms. Vickie Gibson, DEP BAR Reading File: ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us))

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

  
(Clerk) 11/06/09 (Date)



## PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

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Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Draft/Proposed Title V Air Operation Permit No. 0690046-009-AV  
Draft Air Construction Permit Modification No. 0690046-008-AC (PSD-FL-113H)  
Covanta Lake II, Inc., Lake County Resource Recovery Facility  
Lake County, Florida

**Applicant:** The applicant for this project is Covanta Lake II, Inc. The applicant's responsible official and mailing address are: Mr. Gary Main, Facility Manager, 3830 Rogers Industrial Park Road, Okahumpka, Florida 34762.

**Facility Location:** Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility, which is a municipal solid waste processing facility, located at 3830 Rogers Industrial Park Road in Okahumpka, Lake County, Florida.

**Project:** On August 24, 2009, Covanta Lake II, Inc. submitted an application for authorization to process regulated garbage from international or interstate movements in the existing Lake County Resource Recovery Facility's municipal solid waste combustor (MSWC) Units 1 and 2. This permit package contains an air construction permit and concurrently revises the Title V air operation permit to incorporate the changes. In addition, the applicant made a request to change the averaging period of the segregated load weight limitation from monthly to quarterly in order to accommodate spikes in deliveries of this type of waste stream due to events such as natural disasters (e.g., hurricanes, etc.). Regulated garbage from international or interstate movements means garbage that originates from outside the continental United States (U.S.) or Canada. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. International and interstate regulated garbage is not expected to differ from non-regulated garbage except for the point of origin. The applicant indicated that there will be no new pollutants, no changes in actual emissions and no change in the waste throughput or steam production. The draft permit approves regulated garbage from international or interstate movements as an authorized segregated waste, but no change was made to the averaging period.

**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 Florida Administrative Code (F.A.C.). Applications for Title V air operation permits are subject to review in accordance with the provisions of Chapter 403, F.S., and Chapters 62-4, 62-210 and 213, F.A.C. The proposed project is not exempt from air permitting requirements; therefore, an air construction permit and a Title V air operation permit are required. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for these projects. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

**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 application, the draft/proposed Title V air operation permit, the Technical Evaluation and Preliminary Determination, the Statement of Basis 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 and draft/proposed Title V air operation permit by visiting the following website, <http://www.dep.state.fl.us/air/emission/apds/default.asp>, and entering the project numbers 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 Permits:** The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will

(Public Notice to be Published in the Newspaper)

## PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

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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 a final permit in accordance with the conditions of the draft air construction permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S., or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

The Permitting Authority gives notice of its intent to issue a Title V air operation permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed 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, 62-213, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the draft/proposed Title V air operation 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, 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.

The Permitting Authority will accept written comments concerning the draft/proposed Title V air operation permit for a period of 30 days from the date of publication of the Public Notice. Written comments must be received by the close of business (5:00 p.m.), on or before the end of this 30-day period by the Permitting Authority at the above address. As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location in the Florida Administrative Weekly. If a public meeting is requested within the 30-day comment period and conducted by the Permitting Authority, any oral and written comments received during the public meeting will also be considered by the Permitting Authority. If timely received written comments or comments received at a public meeting result in a significant change to the draft/proposed Title V air operation permit, the Permitting Authority shall issue a revised draft/proposed Title V air operation permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection. For additional information, contact the Permitting Authority at the above address or phone number.

**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. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Public Notice of Intent to Issue Air Permits. 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 this Public Notice or receipt of a written notice, 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. 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

**(Public Notice to be Published in the Newspaper)**

## PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMITS

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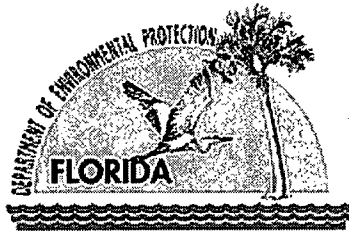
following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address 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 Public 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.

**EPA Review:** EPA has agreed to treat the draft/proposed Title V air operation permit as a proposed Title V air operation permit and to perform its 45-day review provided by the law and regulations concurrently with the public comment period. Although EPA's 45-day review period will be performed concurrently with the public comment period, the deadline for submitting a citizen petition to object to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended. The final Title V air operation permit will be issued after the conclusion of the 45-day EPA review period so long as no adverse comments are received that result in a different decision or significant change of terms or conditions. The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/Florida.htm>.

**Objections:** Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 days of the expiration of the Administrator's 45-day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to the issuance of any Title V air operation permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30-day public comment period provided in the Public Notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460. For more information regarding EPA review and objections, visit EPA's Region 4 web site at <http://www.epa.gov/region4/air/permits/Florida.htm>.



**TECHNICAL EVALUATION  
AND  
PRELIMINARY DETERMINATION**

**PROJECT**

Project No. 0690046-008-AC  
Draft Air Construction Permit  
Covanta Lake II, Inc.  
Facility ID No. 0690046  
Municipal Solid Waste Combustors Units 1 and 2  
International and Interstate Solid Waste Project

**COUNTY**

Lake County, Florida

**APPLICANT**

Covanta Lake II, Inc.  
3830 Rogers Industrial Park Road  
Okahumpka, FL 34762

**PERMITTING AUTHORITY**

Florida Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation – New Source Review Section  
2600 Blair Stone Road, MS #5505  
Tallahassee, FL 32399-2400

November 4, 2009

## **1. GENERAL PROJECT INFORMATION**

### **Air Pollution Regulations**

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources - Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (40 CFR). Part 60 (40 CFR 60) specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 (40 CFR 61) specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 (40 CFR 63) specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

### **Facility and Location**

Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility (SIC No. 4953), which is a municipal solid waste processing facility located in Okahumpka at 3830 Rogers Industrial Road, Lake County, Florida. The UTM coordinates of this facility are: Zone 17; 413.12 kilometers (km) East; and 3179.21 km North. This site is in an area that is in attainment (or designated as unclassifiable) for each air pollutant subject to a state or federal Ambient Air Quality Standard (AAQS).

The existing facility consists of two identical mass-burn municipal solid waste combustors (MSWC) Units 1 and 2 [Emissions Units (EU)-001 and -002, respectively], with auxiliary burners, lime storage and processing facilities, an activated carbon storage silo (EU-003), ash storage and processing facilities, a metals recovery system, cooling towers and ancillary support equipment. Solid waste is brought to the facility by truck, unloaded, and pushed into the bunker in the tipping hall. An overhead crane is used to mix the waste and separate unacceptable items. There are four methods of conveying MSW to a combustor: 1) the grapple system to Unit 1 or Unit 2; 2) the inclined conveyor to Unit 1; 3) the bucket conveyor to Unit 1 or Unit 2; and, 4) the package conveyor to Unit 2.

Each processing train consists of a feed hopper, a mass-fed waterwall furnace with a horizontal grate system, a dry scrubber/fabric filter system (baghouse), an induced draft fan, a stack with individual flues and various ancillary equipment. Auxiliary burners are used to ignite the MSWC during start-up, shutdown and at other times when necessary and consistent with good combustion practices. The auxiliary burners associated with the combustors are permitted to fire distillate fuel oil or gas (e.g., natural and propane); however, the facility currently uses only natural gas. The maximum permitted steam production rate for each combustor is 69,000 lbs/hr (4-hour block arithmetic average), when firing approved MSWC fuel. Steam output from the two processing trains drives a turbine-generator for the generation of electricity. The facility is rated for a maximum of 15.7 megawatts (MW) of energy production. Both Unit 1 and Unit 2 began commercial operation on August 22, 1990.

The flue gas exiting each furnace passes through a dry scrubber system, where slaked lime is injected for acid gas neutralization and activated carbon is injected for mercury and dioxin/furan control. Particulate matter (PM), consisting of fly ash, activated carbon, reacted salts and unreacted lime, is then removed in a baghouse, which also controls visible emissions. A Selective Non-Catalytic Reduction (SNCR) system is used for the removal of nitrogen oxides (NO<sub>x</sub>). Carbon monoxide (CO) emissions are currently controlled by good

## TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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combustion practices. Bottom ash from the furnaces, as well as the fly ash from the dry scrubbers and baghouses, are processed in an ash handling system and transported off-site to municipal solid waste ash monofills via truck or rail. Ferrous metals are continuously recovered from the ash residue.

The permittee has installed, calibrated, maintains and operates (1) continuous emissions monitoring system (CEMS) devices for opacity, oxygen, CO, NO<sub>x</sub> and sulfur dioxide; and (2) continuous monitoring system devices to continuously monitor and record steam production, baghouse inlet temperatures and average carbon mass feed rates. Units 1 and 2 discharge their emissions independently through their own stack, but are co-located within a single support structure/stack.

The facility is currently authorized by permit to burn municipal solid waste (MSW), which includes virgin or clean wood (e.g., chips, land clearing debris and pallets), waste tires, internally generated used oil, non-hazardous waste contaminated with virgin or used oil, contraband, clothing and similar materials, rugs and carpets, floor coverings, household garbage, curb and business pick-up refuse, and segregated loads that require Department approval. By permit, the facility is prevented from burning hazardous waste, nuclear waste, radioactive waste, sewage sludge and explosives; and, shall not knowingly accept untreated biomedical waste from biomedical waste generators, segregated loads of biological waste, lead acid batteries and beryllium-containing waste as defined in 40 CFR 61, Subpart C.

In addition, the facility can already accept MSW that is typically on board, generated on board or removed from any means of conveyance during domestic movements (e.g., airlines and cruise ships) originating within the continental U.S. and Canada and placed in roll-offs and/or dumpsters for collection and proper disposal. Such items are discarded food products from meals and snacks along with their containers and/or wrappers (packaging materials), discarded uneaten food along with their containers and/or wrappers (packaging materials), liquid refreshment containers and their contents, coffee grounds, disposable used and unused cups and glasses, paper products (e.g., napkins, newspapers, magazines, paper towels and cardboard containers) and linen products (e.g., pillow cases and blankets).

### Facility Regulatory Categories

The existing facility is regulated under:

- The facility is identified as a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act.
- The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C., for the Prevention of Significant Deterioration (PSD) of Air Quality.
- The facility operates units subject to the NSPS of 40 CFR 60.
- The facility operates no units subject to the NESHAP of 40 CFR 63. The cooling towers are not subject to the 40 CFR 63, Subpart Q, because they are not operated with chromium-based water treatment chemicals.

### Project Description

On August 24, 2009, the applicant submitted a request for authorization to process regulated garbage from international or interstate movements (e.g., airlines, cruise ships, trucks, etc.) in MSWC Units 1 and 2. In addition, the applicant made a request to change the averaging period of the segregated load weight limitation from monthly to quarterly in order to accommodate spikes in deliveries of this type of waste stream due to events such as natural disasters (e.g., hurricanes, etc.).

Currently, the facility is authorized to process MSW as defined in their current Title V air operation permit. "International or interstate" regulated garbage means garbage originating from outside the continental United

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## TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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States (U.S.) and Canada. The reference to “interstate” includes Hawaii, Alaska and the U.S. territories. Based on the information submitted in the application, the proposed international and interstate garbage streams will not violate any of these permitted MSW streams, but is defined as “regulated garbage” in 9 CFR 94.5 and 7 CFR 330.400 and is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. In order to be able to process this particular waste stream, a Compliance Agreement with Addendums was signed on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. International and interstate regulated garbage is not expected to differ from non-regulated garbage except for the place of origin. As such, the applicant indicated that there will be no new pollutants, no change in the mass throughput or steam nor changes in current actual pollutants emitted.

Regarding the request to change the averaging time for processing segregated loads, the generic weighted timeframe was established for all MSW processing facilities when incorporating the regulations at 40 CFR 60, Subparts Cb and Eb in each affected facility’s Title V air operation permit. For this facility, the requirements were first incorporated into the Title V air operation permit issued on December 20, 2001. There is no evidence that the facility has ever had to divert such waste streams in the past to provide support for the request. If a natural disaster hits Florida and a State of Emergency is established, these items may be addressed in an Emergency Order. These Emergency Orders can be used to stay state (not federal) permit restrictions in order to allow facilities to process all of the materials and debris left in the aftermath as quickly as possible. Therefore, no change will be made to the averaging period for segregated loads.

### Processing Schedule

|                    |  |
|--------------------|--|
| August 24, 2009    | Received the application for a minor source air pollution construction permit. |
| September 18, 2009 | Requested additional information.  |
| October 30, 2009   | Received additional information; application complete.                         |

## 2. PSD APPLICABILITY

### General PSD Applicability

The Department regulates major stationary sources in accordance with Florida’s PSD program pursuant to Rule 62-212.400, F.A.C. A PSD preconstruction review is required in areas currently in attainment with the state and federal AAQS or areas designated as “unclassifiable” for a given pollutant. A facility is considered “major” with respect to PSD if it emits or has the potential to emit: 250 tons per year or more of any regulated air pollutant; 100 tons per year or more of any regulated air pollutant and the facility belongs to one of the 28 PSD Major Facility Categories; or, 5 tons per year or more of lead.

New projects at existing PSD-major stationary sources are reviewed for PSD applicability based on net emissions increases from the project. Each PSD pollutant is evaluated for applicability based on emissions thresholds known as the Significant Emission Rates as defined in Rule 62-210.200, F.A.C. Pollutant emissions from the project exceeding these rates are considered “significant”. In addition, applicants may choose to conduct a “PSD netting analysis” that includes all emissions increases as well as all emissions decreases for a 5-year period contemporaneous with the project to determine whether or not a PSD significant emissions increase will occur. Although a facility may be “major” for only one PSD pollutant, the project may be “significant” for several PSD pollutants. For each significant PSD pollutant, the applicant must employ the Best Available Control Technology (BACT) to minimize emissions and conduct an air quality analysis that demonstrates emissions from the project will not cause or contribute to adverse ambient impacts.

### PSD Applicability for the Project

The project is located in Lake County, which is in an area that is currently in attainment with the state and federal AAQS or otherwise designated as unclassifiable. The facility is an existing PSD major stationary

source. New projects must be reviewed for PSD applicability.

No physical change is required to process the “regulated garbage”. This new waste stream is essentially identical to the typical waste stream of domestic flights and charter boat cruises, except for the place of origin, and mostly consists of paper products and food wastes and their packaging materials. Even so, the proposed change is considered to be a change in the method of operation. International and interstate regulated garbage is not expected to differ from non-regulated garbage. Since there is no change in the throughput rate or composition of MSW processed, then there are no projected changes in actual pollutant emissions. Therefore, the project does not trigger PSD preconstruction review.

### **3. NSPS APPLICABILITY**

#### **NSPS Applicability**

No physical change is required to process the “regulated garbage”. However, the proposed change is considered to be a change in the method of operation. Since there is no change in the throughput rate of MSW, then there are no projected changes in actual pollutant emissions. As such, there are no new applicable requirements of 40 CFR 60 provisions that apply pursuant to 40 CFR 60, Subparts Cb and Eb.

### **4. DEPARTMENT REVIEW**

#### **Current Applicable Requirements**

MSWC Units 1 and 2 are currently subject to the following industry-specific state regulations:

- Rule 62-296.416, F.A.C., for Waste-to-Energy Facilities (for mercury); and
- Rule 62-212.400, F.A.C., for PSD preconstruction review (Permit No. PSD-FL-113, and as amended).

MSWC Units 1 and 2 are also currently subject to the following federal regulations:

- 40 CFR 60, NSPS Subpart A for the general provisions; and
- 40 CFR 60, NSPS Subparts Cb and Eb, Emissions Guidelines and Compliance Times for Large Municipal Waste Combustors That Are Constructed on or Before September 20, 1994; and, Standards of Performance for Large Municipal Waste Combustors for Which Construction After September 24, 1994 or for Which Modification or Reconstruction is Commenced After June 19, 1996, respectively.

This project will not change any of the applicable provisions for the MSWC Units 1 and 2, which remains subject to all applicable conditions in the current Title V air operation permit.

#### **Conclusion**

This new waste stream, regulated garbage, is essentially identical to the typical waste stream of domestic flights and charter boat cruises, except for the place of origin, and mostly consists of paper products and food wastes and their packaging materials. International and interstate regulated garbage is not expected to differ from the non-regulated garbage currently being processed at the facility. Since there is no change in the throughput rate or composition of MSW processed, then there are no projected changes in actual pollutant emissions. In addition, the permit currently prohibits the facility from accepting any hazardous, biomedical or biological waste. Therefore, the Department will issue a draft air construction permit to authorize the processing of regulated garbage from international or interstate movements in the MSWC Units 1 and 2 and include the following new requirement that will become a subset of Specific Condition 1.e., which specifies “Methods of Operation – Fuels”:

#### Methods of Operation - Fuels.

Regulated Garbage from International or Interstate Movements. The facility is authorized to process international or interstate regulated garbage, which means garbage that originates from outside the



## TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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continental United States or Canada and is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. Processing of the regulated garbage shall be in accordance with the Compliance Agreement and Addendums signed on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. Regulated garbage means garbage that was on board, generated on board or removed from any means of conveyance during international or interstate movements, and includes food scraps, table refuse, galley refuse, food wrappers or packaging materials and other waste material from stores, food preparation areas, passengers' or crews' quarters, dining rooms or any other areas on means of conveyance, and meals and foods that were available for consumption by passengers or crew on an aircraft but were not consumed. Garbage that is commingled with regulated garbage becomes regulated garbage. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. [9 CFR 94.5; 7 CFR 330.400; Compliance Agreement with Addendums signed June 16, 2009; and 0690046-008-AC/PSD-FL-113H]

### 5. PRELIMINARY DETERMINATION

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Bruce Mitchell is the project engineer responsible for reviewing the application and drafting the permit documents. Jeff Koerner, P.E. is the Air Permitting Supervisor responsible for reviewing and editing the draft permit package. Additional details of this analysis may be obtained by contacting the project engineer at the Department's Bureau of Air Regulation at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

## STATEMENT OF BASIS

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### PROJECT DESCRIPTION

On August 24, 2009, the applicant submitted a request to concurrently revise Title V air operation permit No. 0690046-006-AV to incorporate the changes being made in air construction permit Project No. 0690046-008-AC (PSD-FL-113H) into the Title V air operation permit. Specifically, the applicant requests authorization to process regulated garbage from international or interstate movements (e.g., airlines, cruise ships, trucks, etc.) in municipal solid waste combustors (MSWC) Units 1 and 2 [Emissions Units (EU)-001 and -002, respectively].

“International or interstate” regulated garbage means garbage originating from outside the continental United States (U.S.) and Canada. The reference to “interstate” includes Hawaii, Alaska and the U.S. territories.

### FACILITY DESCRIPTION

Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility (Lake County RRF), which is a municipal solid waste processing facility. This facility consists of two identical mass-burn municipal solid waste combustors (MSWC) Units 1 and 2, with auxiliary burners, lime storage and processing facilities, an activated carbon storage silo (EU-003), ash storage and processing facilities, a metals recovery system, cooling towers and ancillary support equipment.

Solid waste is brought to the facility by truck, unloaded and pushed into the bunker in the tipping hall. An overhead crane is used to mix the waste and separate unacceptable items. There are four methods of conveying MSW to a combustor: (1) the grapple system to Unit 1 or Unit 2; (2) the inclined conveyor to Unit 1; (3) the bucket conveyor to Unit 1 or Unit 2; and, 4) the package conveyor to Unit 2.

Each processing train consists of a feed hopper, a mass-fed waterwall furnace with a horizontal grate system, a dry scrubber/fabric filter system (baghouse), an induced draft fan, a stack with individual flues and various ancillary equipment. Auxiliary burners are used to ignite the MSWC during start-up, shutdown and at other times when necessary and consistent with good combustion practices. The auxiliary burners associated with the combustors are permitted to fire distillate fuel oil or gas (e.g., natural and propane); however, the facility currently uses only natural gas. The maximum permitted steam production rate for each combustor is 69,000 lbs/hr (4-hour block arithmetic average), when firing approved MSWC fuel. Steam output from the two processing trains drives a turbine-generator for the generation of electricity. The facility is rated for a maximum of 15.7 megawatts (MW) of energy production. Both Unit 1 and Unit 2 began commercial operation on August 22, 1990.

The flue gas exiting each furnace passes through a dry scrubber system, where slaked lime is injected for acid gas neutralization and activated carbon is injected for mercury and dioxin/furan control. Particulate matter (PM), consisting of fly ash, activated carbon, reacted salts and unreacted lime, is then removed in a baghouse, which also controls visible emissions. A Selective Non-Catalytic Reduction (SNCR) system is used for the removal of nitrogen oxides (NO<sub>x</sub>). Carbon monoxide (CO) emissions are currently controlled by good combustion practices. Bottom ash from the furnaces, as well as the fly ash from the dry scrubbers and baghouses, are processed in an ash handling system and transported off-site to municipal solid waste ash monofills via truck or rail. Ferrous metals are continuously recovered from the ash residue.

The permittee has installed, calibrated, maintains, and operates (1) continuous emissions monitoring system (CEMS) devices for opacity, oxygen, CO, NO<sub>x</sub> and sulfur dioxide; and, (2) continuous monitoring system devices to continuously monitor and record steam production, baghouse inlet temperatures and average carbon mass feed rate. Units 1 and 2 discharge their emissions independently through their own stack, but are co-located within a single support structure/stack.

### PRIMARY REGULATORY REQUIREMENTS

The existing facility is regulated under:

Title III: The facility is identified as a major source of hazardous air pollutants (HAP).

Title IV: The facility does not operate units subject to the acid rain provisions of the Clean Air Act.

**STATEMENT OF BASIS**

**Title V:** The facility is a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.

**PSD:** The facility is a major stationary source in accordance with Rule 62-212.400, F.A.C., for the Prevention of Significant Deterioration (PSD) of Air Quality.

**NSPS:** The facility operates units subject to the New Source Performance Standards (NSPS) of Title 40 of the Code of Federal Regulations Part 60 (40 CFR 60).

**NESHAP:** The facility operates no units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63. The cooling towers are not subject to the 40 CFR 63, Subpart Q, because they are not operated with chromium-based water treatment chemicals.

**APPLICABLE REGULATIONS**

In addition to federal rules above, this facility is subject to the following state regulations:

| APPLICABLE REGULATIONS  | EU ID          |
|---|----------------|
| Chapter 62-4, F.A.C. (Permitting Requirements)  | 001, 002 & 003 |
| Chapter 62-204, F.A.C. (Ambient Air Quality Requirements, PSD Increments and Federal Regulations Adopted by Reference)            |                |
| Chapter 62-210, F.A.C. (Permits Required, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions and Forms) |                |
| Chapter 62-212, F.A.C. (Preconstruction Review, PSD Review and Best Available Control Technology (BACT))                          |                |
| Chapter 62-213, F.A.C. (Title V Air Operation Permits for Major Sources of Air Pollution)   |                |
| Chapter 62-296, F.A.C. (Emission Limiting Standards)  |                |
| Chapter 62-297, F.A.C. (Test Methods and Procedures, Continuous Monitoring Specifications and Alternate Sampling Procedures)      |                |

**PROJECT REVIEW**

The applicant submitted a request for a Title V Air Operation Permit Revision to incorporate the authorization to process international or interstate regulated garbage. Specifically, the applicant requests authorization to process regulated garbage from international or interstate movements in MSWC Units 1 and 2. Regulated garbage that originates from outside the continental United States or Canada is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. A Compliance Agreement was signed on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. The term “interstate” includes Hawaii, Alaska and the U.S. territories. The term “movement” includes all potential transportation types, such as the airlines, cruise lines, trucks, etc.

The change is reflected in the Title V air operation permit as follows. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text.

**A.11. Methods of Operation - Fuels.**

(9) Regulated Garbage from International or Interstate Movements. The facility is authorized to process international or interstate regulated garbage, which means garbage that originates from outside the continental United States or Canada and is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. Processing of the regulated garbage shall be in accordance with the Compliance Agreement and Addendums signed

## STATEMENT OF BASIS

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on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. Regulated garbage means garbage that was on board, generated on board or removed from any means of conveyance during international or interstate movements, and includes food scraps, table refuse, galley refuse, food wrappers or packaging materials and other waste material from stores, food preparation areas, passengers' or crews' quarters, dining rooms or any other areas on means of conveyance, and meals and foods that were available for consumption by passengers or crew on an aircraft but were not consumed. Garbage that is commingled with regulated garbage becomes regulated garbage. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. [9 CFR 94.5; 7 CFR 330.400; Compliance Agreement with Addendums signed June 16, 2009; and 0690046-008-AC/PSD-FL-113H]

*{Other paragraphs within this Specific Condition are unchanged.}*

[Rules 62-4.160(2), 62-210.200 and 62-213.440(1), F.A.C.; AC35-115379/PSD-FL-113(C); ~~and~~; 0690046-003-AC/PSD-FL-113(E); and 0690046-008-AC/PSD-FL-113H]

### CONCLUSION

This project revises Title V air operation permit No. 0690046-006-AV, which was effective on December 25, 2006. This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-210 and 62-213, F.A.C. In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawings, plans, and other documents, on file with the permitting authority.

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection E. Emissions Units 001 and 002

Draft/Proposed Title V Air Operation Permit No. 0690046-009-AV

Revision of Title V Air Operation Permit No. 0690046-006-AV

Only Condition A.11. is being revised by this project. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text. The final permit will include a full version of the permit with this change.

#### A.11. Methods of Operation - Fuels.

(9) Regulated Garbage from International or Interstate Movements. The facility is authorized to process international or interstate regulated garbage, which means garbage that originates from outside the continental United States or Canada and is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. Processing of the regulated garbage shall be in accordance with the Compliance Agreement and Addendums signed on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. Regulated garbage means garbage that was on board, generated on board or removed from any means of conveyance during international or interstate movements, and includes food scraps, table refuse, galley refuse, food wrappers or packaging materials and other waste material from stores, food preparation areas, passengers' or crews' quarters, dining rooms or any other areas on means of conveyance, and meals and foods that were available for consumption by passengers or crew on an aircraft but were not consumed. Garbage that is commingled with regulated garbage becomes regulated garbage. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. [9 CFR 94.5; 7 CFR 330.400; Compliance Agreement with Addendums signed June 16, 2009; and 0690046-008-AC/PSD-FL-113H]

*{Other paragraphs within this Specific Condition are unchanged.}*

[Rules 62-4.160(2), 62-210.200 and 62-213.440(1), F.A.C.; AC35-115379/PSD-FL-113(C); ~~and~~; 0690046-003-AC/PSD-FL-113(E); and 0690046-008-AC/PSD-FL-113H]

# DRAFT PERMIT REVISION

## PERMITTEE

Covanta Lake II, Inc  
3830 Rogers Industrial Park Road  
Okahumpka, Florida 34762

Authorized Representative:  
Mr. Gary Main, Facility Manager

Air Permit No. 0690046-008-AC  
PSD-FL-113H  
Air Construction Permit Revision  
Lake County Resource Recovery Facility  
Facility ID No. 0690046  
MSWC Units 1 and 2  
International or Interstate Solid Waste Project

## PROJECT

This is the final air construction permit revision, which modifies Permit No. PSD-FL-113 (as amended) for the existing municipal solid waste combustors Units 1 and 2 to authorize the processing of regulated garbage from international or interstate movements. The Lake County Resource Recovery Facility is a municipal solid waste processing facility categorized under Standard Industrial Classification No. 4953. The existing facility is located at 3830 Rogers Industrial Road, Lake County, Florida. The UTM coordinates are Zone 17; 413.12 kilometers (km) East; and 3179.21 km North.

This final permit is organized into the following sections: Section 1 (General Information) and Section 2 (Permit Revision).

## STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C., for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida

(DRAFT)

\_\_\_\_\_  
Joseph Kahn, Director  
Division of Air Resource Management

\_\_\_\_\_  
(Date)

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit Revision) was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on \_\_\_\_\_ (DRAFT) \_\_\_\_\_ to the persons listed below.

- Mr. Gary Main, Covanta Lake II, Inc.: ([gmain@covantaenergy.com](mailto:gmain@covantaenergy.com))
- Mr. Viet Ta, Covanta Lake II, Inc.: ([vta@covantaenergy.com](mailto:vta@covantaenergy.com))
- Mr. Jason Gorrie, P.E., Covanta Energy: ([jgorrie@covantaenergy.com](mailto:jgorrie@covantaenergy.com))
- Ms. Caroline Shine, DEP Central District Office: ([caroline.shine@dep.state.fl.us](mailto:caroline.shine@dep.state.fl.us))
- Ms. Heather Abrams, U.S. EPA Region 4: ([abrams.heather@epa.gov](mailto:abrams.heather@epa.gov))
- Ms. Katy Forney, U.S. EPA Region 4: ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))
- Ms. Ana Oquendo, U.S. EPA Region 4: ([oquendo.ana@epa.gov](mailto:oquendo.ana@epa.gov))
- Ms. Barbara Friday, DEP BAR: ([barbara.friday@dep.state.fl.us](mailto:barbara.friday@dep.state.fl.us))
- Ms. Vickie Gibson, DEP BAR Reading File: ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us))

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

(DRAFT)

\_\_\_\_\_  
(Clerk)

\_\_\_\_\_  
(Date)

## SECTION 1. GENERAL INFORMATION (DRAFT)

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### **FACILITY DESCRIPTION**

Covanta Lake II, Inc. operates the existing Lake County Resource Recovery Facility, which is a municipal solid waste processing facility. This facility consists of two identical mass-burn municipal solid waste combustors (MSWC) Units 1 and 2, with auxiliary burners, lime storage and processing facilities, an activated carbon storage silo (EU-003), ash storage and processing facilities, a metals recovery system, cooling towers and ancillary support equipment.

### **FACILITY REGULATORY CLASSIFICATION**

- The facility is a major source of hazardous air pollutants (HAP).
- The facility operates no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- The facility operates units subject to the New Source Performance Standards (NSPS) of Title 40 of the Code of Federal Regulations Part 60 (40 CFR 60).

### **PROPOSED PROJECT**

This project revises Specific Condition 1.e., 0690046-003-AC/PSD-FL-113E, regarding the methods of operation for fuels for MSWC Units 1 and 2. Specifically, the change is to authorize the handling and processing of regulated garbage from international or interstate movements.



## SECTION 2. PERMIT REVISION (DRAFT)

---

The following permit condition revision is added as indicated. ~~Strikethrough~~ is used to denote the deletion of text. Double-underlines are used to denote the addition of text.

**Permit Being Modified: Permit No. 0690046-003-AC/PSD-FL-113E**

Affected Emissions Units: EU-001 and EU-002

Section III. Subsection A. Specific Condition 1.e.: This specific condition is revised by adding the following new authorization.

Methods of Operation - Fuels.

(9) Regulated Garbage from International or Interstate Movements. The facility is authorized to process international or interstate regulated garbage, which means garbage that originates from outside the continental United States or Canada and is regulated by the Department of Homeland Security, Customs and Border Protection under the authority of the Animal and Plant Health Inspection Service. Processing of the regulated garbage shall be in accordance with the Compliance Agreement and Addendums signed on June 16, 2009, with the United States Department of Agriculture, Animal and Plant Health Inspection Service, Plant Protection and Quarantine. Regulated garbage means garbage that was on board, generated on board or removed from any means of conveyance during international or interstate movements, and includes food scraps, table refuse, galley refuse, food wrappers or packaging materials and other waste material from stores, food preparation areas, passengers' or crews' quarters, dining rooms or any other areas on means of conveyance, and meals and foods that were available for consumption by passengers or crew on an aircraft but were not consumed. Garbage that is commingled with regulated garbage becomes regulated garbage. The term "interstate" includes Hawaii, Alaska and the U.S. territories. The term "movement" includes all potential transportation types, such as the airlines, cruise lines, trucks, etc. [9 CFR 94.5; 7 CFR 330.400; Compliance Agreement with Addendums signed June 16, 2009; and 0690046-008-AC/PSD-FL-113H]

*{Other paragraphs within this Specific Condition are unchanged.}*

[Rules 62-4.160(2), 62-210.200 and 62-213.440(1), F.A.C.; AC35-115379/PSD-FL-113(C); ~~and, 0690046-003-AC/PSD-FL-113(E); and 0690046-008-AC/PSD-FL-113H]~~

**Friday, Barbara**

---

**To:** gmain@covantaenergy.com  
**Cc:** vta@covantaenergy.com; jgorrie@CovantaEnergy.com; Shine, Caroline; abrams.heather@epamail.epa.gov; 'Forney.Kathleen@epamail.epa.gov'; 'Oquendo.Ana@epamail.epa.gov'; Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Attachments:** 0690046008ACPSDFL113H009AVSignedCombinedWrittenNoticeofIntent.pdf

Dear Sir/ Madam:

Attached is the official **Written Notice of Intent to Issue Air Permit** for the project referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

*Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).*

Attention: Bruce Mitchell

Owner/Company Name: COVANTA LAKE II, INC.  
Facility Name: LAKE COUNTY RESOURCE RECOVERY FACILITY  
Project Number: 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
Permit Status: DRAFT/PROPOSED DRAFT AIR CONSTRUCTION PERMIT MODIFICATION  
Permit Activity: PERMIT REVISION  
Facility County: LAKE

Click on the following link to access the permit project documents:  
[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0690046.008.AC.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0690046.008.AC.D_pdf.zip)

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[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0690046.009.AV.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0690046.009.AV.D_pdf.zip)

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Barbara Friday

Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

## Friday, Barbara

---

**From:** Ta,Viet [VTa@CovantaEnergy.com]  
**To:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:53 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY;  
0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Your message

**To:** [VTa@CovantaEnergy.com](mailto:VTa@CovantaEnergy.com)  
**Subject:**

was read on 11/6/2009 9:53 AM.

## Friday, Barbara

---

**From:** Ta,Viet [VTa@CovantaEnergy.com]  
**Sent:** Friday, November 06, 2009 10:33 AM  
**To:** Friday, Barbara  
**Subject:** RE: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Dear Ms. Friday:  
I received your email. Thank you.

---

**From:** Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]  
**Sent:** Friday, November 06, 2009 9:51 AM  
**To:** Main,Gary  
**Cc:** Ta,Viet; Gorrie,Jason; Shine, Caroline; abrams.heather@epamail.epa.gov; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

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Facility Name: LAKE COUNTY RESOURCE RECOVERY FACILITY  
Project Number: 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
Permit Status: DRAFT/PROPOSED DRAFT AIR CONSTRUCTION PERMIT MODIFICATION  
Permit Activity: PERMIT REVISION  
Facility County: LAKE

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[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0690046.008.AC.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0690046.008.AC.D_pdf.zip)

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[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0690046.009.AV.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0690046.009.AV.D_pdf.zip)

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Barbara Friday  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

*The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.*

## Friday, Barbara

---

**From:** Gorrie,Jason [jgorrie@CovantaEnergy.com]  
**To:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:52 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY;  
0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Your message

**To:** [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com)  
**Subject:**

was read on 11/6/2009 9:52 AM.

**Friday, Barbara**

---

**From:** Gorrie, Jason [jgorrie@CovantaEnergy.com]  
**Sent:** Friday, November 06, 2009 11:41 AM  
**To:** Friday, Barbara  
**Subject:** RE: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

I have received the documents. Thank you.

---

**Jason M. Gorrie, P.E.**  
Regional Environmental Manager



Covanta Energy Corporation  
350 N. Falkenburg Rd.  
Tampa, Florida 33619  
813.684.5688 ext.3015 Cellular: 813.215.2266  
[www.CovantaHolding.com](http://www.CovantaHolding.com)

 Please consider the environment before printing this email.

---

**From:** Friday, Barbara [mailto:Barbara.Friday@dep.state.fl.us]  
**Sent:** Friday, November 06, 2009 9:51 AM  
**To:** Main, Gary  
**Cc:** Ta, Viet; Gorrie, Jason; Shine, Caroline; abrams.heather@epamail.epa.gov; Forney, Kathleen@epamail.epa.gov; Oquendo, Ana@epamail.epa.gov; Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

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Attention: Bruce Mitchell

Owner/Company Name: COVANTA LAKE II, INC.  
Facility Name: LAKE COUNTY RESOURCE RECOVERY FACILITY  
Project Number: 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
Permit Status: DRAFT/PROPOSED DRAFT AIR CONSTRUCTION PERMIT MODIFICATION



Permit Activity: PERMIT REVISION

Facility County: LAKE

Click on the following link to access the permit project documents:

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0690046.008.AC.D\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0690046.008.AC.D_pdf.zip)

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Barbara Friday  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

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## Friday, Barbara

---

**From:** Shine, Caroline  
**Sent:** Friday, November 06, 2009 9:51 AM  
**To:** Friday, Barbara  
**Subject:** Out of Office AutoReply: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Thank you for your email message! I am currently out of the office. If you need immediate assistance, please contact Dina Jones at 407-893-3333 or Tracy Agner 407-893-3334.

Thank you,  
Caroline Shine  
Air Program Administrator

## Friday, Barbara

---

**From:** System Administrator  
**To:** Shine, Caroline  
**Sent:** Friday, November 06, 2009 9:51 AM  
**Subject:** Delivered: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

### Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** '[vta@covantaenergy.com](mailto:vta@covantaenergy.com)'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Quendo.Ana@epamail.epa.gov](mailto:Quendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was delivered to the following recipient(s):

Shine, Caroline on 11/6/2009 9:51 AM

## Friday, Barbara

---

**From:** Mail Delivery System [MAILER-DAEMON@mseive01.rtp.epa.gov]  
**Sent:** Friday, November 06, 2009 9:51 AM  
**To:** Friday, Barbara  
**Subject:** Successful Mail Delivery Report  
**Attachments:** Delivery report; Message Headers

This is the mail system at host mseive01.rtp.epa.gov.

Your message was successfully delivered to the destination(s) listed below. If the message was delivered to mailbox you will receive no further notifications. Otherwise you may still receive notifications of mail delivery errors from other systems.

### The mail system

<Forney.Kathleen@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 4AF437CD\_2306\_47324\_1 E9FEE44568

<Oquendo.Ana@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 4AF437CD\_2306\_47324\_1 E9FEE44568

<abrams.heather@epamail.epa.gov>: delivery via 127.0.0.1[127.0.0.1]:10025: 250 OK, sent 4AF437CD\_2306\_47324\_1 E9FEE44568

## Friday, Barbara

---

**From:** System Administrator  
**To:** Mitchell, Bruce; Gibson, Victoria; Koerner, Jeff  
**Sent:** Friday, November 06, 2009 9:51 AM  
**Subject:** Delivered:COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

### Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** 'vta@covantaenergy.com'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Quendo.Ana@epamail.epa.gov](mailto:Quendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was delivered to the following recipient(s):

Mitchell, Bruce on 11/6/2009 9:51 AM  
Gibson, Victoria on 11/6/2009 9:51 AM  
Koerner, Jeff on 11/6/2009 9:51 AM

**Friday, Barbara**

---

**From:** Mitchell, Bruce  
**Sent:** Friday, November 06, 2009 10:43 AM  
**To:** Friday, Barbara  
**Subject:** RE: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Many thanks, Barbara!!!!!!!!!!!!!!!!!!!!

Bruce

---

**From:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:51 AM  
**To:** gmain@covantaenergy.com  
**Cc:** 'vta@covantaenergy.com'; jgorrie@CovantaEnergy.com; Shine, Caroline; abrams.heather@epamail.epa.gov; Forney.Kathleen@epamail.epa.gov; Oquendo.Ana@epamail.epa.gov; Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
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Facility Name: LAKE COUNTY RESOURCE RECOVERY FACILITY  
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Permit Activity: PERMIT REVISION  
Facility County: LAKE

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Barbara Friday  
Bureau of Air Regulation  
Division of Air Resource Management (DARM)  
(850)921-9524

## Friday, Barbara

---

**From:** Gibson, Victoria  
**To:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:54 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

### Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** 'vta@covantaenergy.com'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Oquendo.Ana@epamail.epa.gov](mailto:Oquendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was read on 11/6/2009 9:54 AM.



## Friday, Barbara

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**From:** Koerner, Jeff  
**To:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:59 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

### Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** 'vta@covantaenergy.com'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Oquendo.Ana@epamail.epa.gov](mailto:Oquendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was read on 11/6/2009 9:57 AM.

**Friday, Barbara**

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**From:** System Administrator  
**To:** Holtom, Jonathan; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Sent:** Friday, November 06, 2009 9:51 AM  
**Subject:** Delivered:COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** '[vta@covantaenergy.com](mailto:vta@covantaenergy.com)'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Oquendo.Ana@epamail.epa.gov](mailto:Oquendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was delivered to the following recipient(s):

Holtom, Jonathan on 11/6/2009 9:51 AM  
Walker, Elizabeth (AIR) on 11/6/2009 9:51 AM  
Livingston, Sylvia on 11/6/2009 9:51 AM

## Friday, Barbara

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**From:** Holtom, Jonathan  
**To:** Friday, Barbara  
**Sent:** Monday, November 09, 2009 8:06 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

### Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** '[vta@covantaenergy.com](mailto:vta@covantaenergy.com)'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Oquendo.Ana@epamail.epa.gov](mailto:Oquendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was read on 11/9/2009 8:06 AM.

## Friday, Barbara

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**From:** Livingston, Sylvia  
**To:** Friday, Barbara  
**Sent:** Friday, November 06, 2009 9:51 AM  
**Subject:** Read: COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV

Your message

**To:** [gmain@covantaenergy.com](mailto:gmain@covantaenergy.com)  
**Cc:** '[vta@covantaenergy.com](mailto:vta@covantaenergy.com)'; [jgorrie@CovantaEnergy.com](mailto:jgorrie@CovantaEnergy.com); Shine, Caroline; [abrams.heather@epamail.epa.gov](mailto:abrams.heather@epamail.epa.gov); [Forney.Kathleen@epamail.epa.gov](mailto:Forney.Kathleen@epamail.epa.gov); [Oquendo.Ana@epamail.epa.gov](mailto:Oquendo.Ana@epamail.epa.gov); Gibson, Victoria; Mitchell, Bruce; Holtom, Jonathan; Koerner, Jeff; Walker, Elizabeth (AIR); Livingston, Sylvia  
**Subject:** COVANTA LAKE, II, INC. - LAKE COUNTY RESOURCE RECOVERY FACILITY; 0690046-008-AC(PSD-FL-113H)/0690046-009-AV  
**Sent:** 11/6/2009 9:51 AM

was read on 11/6/2009 9:51 AM.