

Florida Department of  
Environmental Protection

Memorandum

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TO: Joseph Kahn  
THRU: Trina Vielhauer *TV*  
THRU: Jeff Koerner *JK*  
FROM: Bruce Mitchell *BM*  
DATE: October 17, 2006  
SUBJECT: Covanta Lake II, Inc.  
Lake County Resource Recovery Facility  
Final Air Construction Permit (letter)  
0690046-007-AC/PSD-FL-113(F)

Attached is a Final Air Construction Permit, No. 0690046-007-AC/PSD-FL-113(F). The subject of the Air Construction Permit revision is to replace the original BACT visible emissions limit of "15% opacity (6-min. average), except for one 6-min. period per hour of not more than 20% opacity" for the two existing municipal waste combustors with a more stringent BACT limit of "10 percent opacity (6-minute average)", which is also the limit established under the Final Rule for 40 CFR 60, Subpart Cb, Standards of Performance for New Stationary Sources and Emissions Guidelines for Existing Sources: Large Municipal Waste Combustors.

No comments were received on this AC. I recommend issuance.

Attachments

JK/jfk/bm



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Colleen M. Castille  
Secretary

October 17, 2006

ELECTRONICALLY SENT – Received Receipt Requested

Mr. Brad Crispell  
Responsible Official  
Covanta Lake II, Inc.  
3830 Rogers Industrial Park Road  
Okahumpka, FL 34762

Re: Final Air Construction Permit/PSD Permit Amendment Project Nos.: 0690046-007-AC/PSD-FL-113(F)  
Amendments to Air Construction Permit/PSD Permit Project Nos.: AC35-115379/PSD-FL-113(A)  
Covanta Lake II, Inc.  
Lake County Resource Recovery Facility

Dear Mr. Crispell:

This letter amendment changes a federally enforceable specific condition for visible emissions established in the state/federal air construction permits, Nos. AC35-115379/PSD-FL-113, clerked on September 25, 1986, and the amendment clerked on February 24, 1988 (AC35-115379/PSD-FL-113(A)). The request is to replace the original BACT visible emissions limit of "15% opacity (6-min. average), except for one 6-min. period per hour of not more than 20% opacity" for the two existing municipal waste combustors with a more stringent BACT limit of "10 percent opacity (6-minute average)", which is also the limit established under the Final Rule for 40 CFR 60, Subpart Cb, Standards of Performance for New Stationary Sources and Emissions Guidelines for Existing Sources: Large Municipal Waste Combustors. Since the requested visible emissions standard is more stringent than the existing BACT derived visible emissions standard, the request is acceptable. Additions are double-underlined and deletions are single strike-through. The permit is revised as follows:

1. AC35-115379/PSD-FL-113(A), Specific Condition 3.j.

FROM:

Visible Emissions: Opacity of MWC emissions shall not exceed 15% opacity (6-min. average), except for one 6-min. period per hour of not more than 20% opacity. Excess emissions resulting from startup, shut down, or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to, and the duration of excess emissions are minimized.

[BACT]

TO:

Visible Emissions. ~~Opacity of MWC emissions shall not exceed 15% opacity (6-min. average), except for one 6-min. period per hour of not more than 20% opacity. Excess emissions resulting from startup, shut down, or malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to, and the duration of excess emissions are minimized.~~ The maximum emission limit for opacity exhibited by the gases discharged to the atmosphere is 10 percent (6-minute average). Because the vent stacks of both Units 1 and 2 are co-located in a support structure/stack, any visible emissions violations from the structure/stack will be attributed to both units, unless the opacity meter results show the specific unit causing the violation.

[40 CFR 60.33b(a)(1)(iii); and, BACT]

"More Protection, Less Process"


Printed on recycled paper.

Mr. Brad Crispell  
0690046-007-AC/PSD-FL-113(F): Letter Amendment  
Page 2 of 2

This permit (letter) is issued pursuant to Chapter 403, Florida Statutes (F.S.). Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., 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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Sincerely,

  
Joseph Kahn, Director  
Division of Air Resource Management

JK/tlv/bm

Enclosure

## **CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Final Permit (including the Final Determination) and all copies were sent electronically (with Received Receipt requested) before the close of business on 10/20/06 to the person(s) listed below:

Mr. Brad Crispell, Responsible Official, CLI  
Mr. Gregg Worley, Region 4, U.S. EPA  
Mr. Len Kozlov, DAPA, CD  
Mr. Joseph R. Treshler, P.E., CE  
Mr. Viet Ta, Application Contact, CLI  
Ms. Catherine C. Hanson, Chairman, Lake County BCC

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) 10/24/06 (Date)

## **Final Determination**

Covanta Lake II, Inc.  
Lake County Resource Recovery Facility

Air Construction Permit No.: 0690046-007-AC  
PSD Permit Amendment No.: PSD-FL-113(F)  
Facility ID: 0690046

An “INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL” to Covanta Lake II, Inc., for the Lake County Resource Recovery Facility located at 3830 Rogers Industrial Park Road, Okahumpka, Lake County, was clerked on August 30, 2006. The “PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL” was published in The Orlando Sentinel on September 16, 2006. The Draft Permit was available for public inspection at the Department’s Central District office in Orlando and the permitting authority’s office in Tallahassee. Proof of publication of the “PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL” was received on October 2, 2006.

During the Public Notice period, only the applicant provided comments and they regard only the DRAFT Title V Air Operation Permit. Therefore, no changes to the draft Air Construction Permit was necessary.

The final action of the Department is to issue the Final Air Construction Permit as drafted.

**Harvey, Mary**

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**From:** Treshler,Joseph [Joseph\_Treshler@CovantaEnergy.com]  
**Sent:** Friday, October 20, 2006 4:56 PM  
**To:** Harvey, Mary  
**Subject:** RE: Final Permit #0690046-007-AC - Covanta Lake II

Received

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**From:** Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]  
**Sent:** Friday, October 20, 2006 4:34 PM  
**To:** Crispell,Bradford; Treshler,Joseph; Ta,Viet; chanson@lakecountyfl.gov; worley.gregg@epa.gov; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** Final Permit #0690046-007-AC - Covanta Lake II

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <http://www.adobe.com/products/acrobat/readstep.html>.

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

DEP, Bureau of Air Regulation

## Harvey, Mary

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**From:** Mitchell, Bruce  
**Sent:** Friday, October 20, 2006 5:35 PM  
**To:** Harvey, Mary  
**Subject:** RE: Final Permit #0690046-007-AC - Covanta Lake II

Mary,

Thank you very much for processing the project! Take care and hope you have a great week-end!!

Bruce

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**From:** Harvey, Mary  
**Sent:** Friday, October 20, 2006 4:34 PM  
**To:** 'bcrispell@covantaenergy.com'; 'jtreshler@covantaenergy.com'; 'vta@covantaenergy.com'; 'chanson@lakecountyfl.gov'; 'worley.gregg@epa.gov'; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** Final Permit #0690046-007-AC - Covanta Lake II

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Thank you,

DEP, Bureau of Air Regulation

10/23/2006

## Harvey, Mary

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**From:** Crispell,Bradford [Bradford\_Crispell@CovantaEnergy.com]  
**Sent:** Friday, October 20, 2006 6:24 PM  
**To:** Harvey, Mary; Treshler,Joseph; Ta,Viet; chanson@lakecountyfl.gov; worley.gregg@epa.gov; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** RE: Final Permit #0690046-007-AC - Covanta Lake II

Document Received

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**From:** Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]  
**Sent:** Friday, October 20, 2006 4:34 PM  
**To:** Crispell,Bradford; Treshler,Joseph; Ta,Viet; chanson@lakecountyfl.gov; worley.gregg@epa.gov; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
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Thank you,

DEP, Bureau of Air Regulation

10/23/2006

## Harvey, Mary

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**From:** Kozlov, Leonard  
**To:** Harvey, Mary  
**Sent:** Monday, October 23, 2006 9:26 AM  
**Subject:** Read: Final Permit #0690046-007-AC - Covanta Lake II

Your message

**To:** 'bcrispell@covantaenergy.com'; 'jtreshler@covantaenergy.com'; 'vta@covantaenergy.com'; 'chanson@lakecountyfl.gov';  
'worley.gregg@epa.gov'; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** Final Permit #0690046-007-AC - Covanta Lake II  
**Sent:** 10/20/2006 4:34 PM

was read on 10/23/2006 9:26 AM.



## Harvey, Mary

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**From:** Ta,Viet [Viet\_Ta@CovantaEnergy.com]  
**To:** Harvey, Mary  
**Sent:** Monday, October 23, 2006 9:52 AM  
**Subject:** Read: Final Permit #0690046-007-AC - Covanta Lake II

Your message

To: Viet\_Ta@CovantaEnergy.com  
Subject:

was read on 10/23/2006 9:52 AM.

## Harvey, Mary

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**From:** System Administrator  
**To:** Kozlov, Leonard; Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Sent:** Friday, October 20, 2006 4:35 PM  
**Subject:** Delivered: Final Permit #0690046-007-AC - Covanta Lake II

Your message

**To:** 'bcrispell@covantaenergy.com'; 'jtreshler@covantaenergy.com'; 'vta@covantaenergy.com'; 'chanson@lakecountyfl.gov'; 'worley.gregg@epa.gov'; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** Final Permit #0690046-007-AC - Covanta Lake II  
**Sent:** 10/20/2006 4:34 PM

was delivered to the following recipient(s):

Kozlov, Leonard on 10/20/2006 4:35 PM  
Mitchell, Bruce on 10/20/2006 4:35 PM  
Adams, Patty on 10/20/2006 4:35 PM  
Gibson, Victoria on 10/20/2006 4:35 PM

**Adams, Patty**

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**From:** Harvey, Mary  
**Sent:** Friday, October 20, 2006 4:34 PM  
**To:** 'bcrispell@covantaenergy.com'; 'jtreshler@covantaenergy.com'; 'vta@covantaenergy.com'; 'chanson@lakecountyfl.gov'; 'worley.gregg@epa.gov'; Kozlov, Leonard  
**Cc:** Mitchell, Bruce; Adams, Patty; Gibson, Victoria  
**Subject:** Final Permit #0690046-007-AC - Covanta Lake II  
**Attachments:** 0690046.007.AC.F\_.pdf.zip

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