

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

7000 1670 0013 3110 3216

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Mr. Christopher M. Carey
 Wheelbrator South Broward, Inc.
 4400 South State Road 7
 Ft. Lauderdale, FL 33314

PS Form 3800, May 2000 See Reverse for Instructions

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF RETURN ADDRESS

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Mr. Christopher M. Carey
 Wheelabrator South Broward, Inc.
 4400 South State Road 7
 Ft. Lauderdale, Florida 33314

COMPLETE THIS SECTION ON DELIVERY

A. Signature
 X *Sally Alvarez* Agent Addressee

B. Received by (Printed Name)
Sally Alvarez

C. Date of Delivery
9-30-01

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. Article Number (Transfer from service label) 7000 1670 0013 3110 3216

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Dept. of Environmental Protection
Division of Air Resources Mgt.
Bureau of Air Regulation, NSR
2600 Blair Stone Rd., MS 5505
Tallahassee, FL 32399-2400

RECEIVED

OCT 04 2004

BUREAU OF AIR REGULATION



FINAL DETERMINATION

Wheelabrator South Broward, Inc.
South Broward Waste-to-Energy Facility
Facility ID No.: 0112119
Air Construction Permit No. 0112119-007-AC
Broward County

An Intent to Issue an air construction permit to Wheelabrator South Broward Inc., to increase the lime silo filling rate from 40,000 to 50,000 lb/hr at the Ft Lauderdale facility, was distributed on August 6, 2004. The Public Notice of Intent to Issue Air Construction Permit was published in the Fort Lauderdale Sun Sentinel on August 16, 2004. The facility is located at 4400 South State Road 7, Ft Lauderdale, Broward County.

No comments were submitted by the U.S.EPA, the National Park Service, municipalities, or the public during the public notice period.

The final action of the Department will be to issue the permit as noted during the public notice period.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT

In the Matter of an
Application for Permits by:

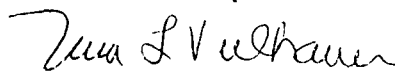
Wheelabrator South Broward, Inc.
4400 South State Road 7
Ft. Lauderdale, FL 33314

FINAL Air Construction Permit No. 0112119-007-AC
Lime Silo Filling Rate Increase
South Broward Waste-to-Energy Facility
Broward County

Enclosed is the Permit Number, 0112119-007-AC, to increase the Lime Silo Filling Rate to 50,000 lb/hr at the Wheelabrator South Broward, Inc located 4400 South State Road 7, Ft Lauderdale, Broward County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation

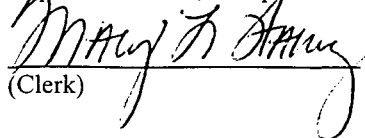
CERTIFICATE OF SERVICE

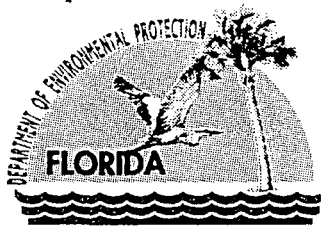
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 9/23/04 to the person(s) listed:

Christopher M. Carey, Wheelabrator South Broward, Inc.
Daniela Banu, Broward County Department of Natural Resource Protection
Thomas Tittle, Southeast District Office
Hamilton S. Oven, Jr., FDEP (Internet E-mail)
U.S. EPA, Region 4 (INTERNET E-mail)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 9/23/04
(Date)



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

Permittee:

Wheelabrator South Broward, Inc.
Waste-to Energy Facility
4400 South State Road
Ft. Lauderdale, FL 33314

FINAL Permit No.: 0112119-007-AC

Facility ID No.: 0112119

SIC Nos.: 49, 4953

Project: Lime Silo

Expiration Date: December 31, 2004

PROJECT AND LOCATION

This project is a re-issued and modified permit for the construction of a lime silo and associated baghouse. Emissions Unit -004 is a 236 ton capacity silo for storage of pebble lime. It is part of the spray dry absorber (SDA) system used for control of acid gases from the municipal waste combustion units. A supply truck pneumatically transfers pebble lime to the silo through a fill line. A Wheelabrator Air Pollution Control Jet III baghouse (Model No. 1016, BA-108) is used to control particulate matter emissions during silo filling. This lime silo and associated baghouse is located at the existing South Broward County Waste-to-Energy Facility. No physical changes are associated with this project. This permit will allow an increase in the rate at which the silo is filled.

This facility is located at 4400 South State Road 7, Ft. Lauderdale, Broward County. UTM Coordinates: Zone 17, 579.54 km East and 2883.34 km North; Latitude: 26° 04' 07" North and Longitude: 80° 12' 19" West.

STATEMENT OF BASIS

This 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 above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

ATTACHED APPENDICES MADE A PART OF THIS PERMIT:

Appendix SC Specific Conditions (including Permit AC 06-187000 with General Conditions)

Michael G. Cooke, Director
Division of Air Resource
Management

APPENDIX SC
SPECIFIC CONDITIONS

1. This permit, 0112120-007-AC, supersedes Air Construction Permit AC 06-187000 (attached) issued on March 12, 1991 to install a lime silo with a capacity of 236 tons together with a baghouse designed for a flow rate of 1500 actual cubic feet per minute (ACFM). None of the provisions in the attached document related to Air Construction Permit AC 06-187001 for the ash handling system are incorporated into this document or modified by this action.
2. The provisions of Air Construction Permit AC 06-187000 issued on March 12, 1991, are attached and incorporated into this air construction permit except for the change that follows in Specific Condition 3 below.
3. The description of the Lime Silo is: The lime silo has a capacity of 236 ton capacity silo for storage of pebble lime. Only one truck can be unloaded pneumatically into the lime silo at a maximum process input rate of 50,000 lb/hr. The lime silo is equipped with Wheelabrator Air Pollution Control Jet III baghouse Model No. 1016, BA-108 designed at a flow rate of 1500 ACFM.

RELEVANT DOCUMENTS

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action and are on file with the Department.

- Application Information received on April 9, 2004 (complete on May 11, 2004);
- Statement of Basis for Draft Title V Permit Revision;
- Permit for the Significant Deterioration of Air Quality (PSD-FL-105) issued on May 15, 1987 for the three municipal waste combustors and pollution control systems of which the lime silo is a constituent;
- Modification to PSD-FL-105, issued on May 15, 1987 and subsequent revisions dated May 5, 1997, March 25, 1996 and September 28, 1999.
- Power Plant Siting Certification, PA 85-21, issued on June 3, 1986 and subsequent revision dated April 17, 1991.
- Air Construction Permit AC 06-187000 issued on March 12, 1991 (within the same document as AC 06-187001) and subsequent revisions 0112120-003-AC dated October 24, 2000.

Memorandum

**Florida Department of
Environmental Protection**

TO: Michael G. Cooke

THRU: Trina L. Vielhauer *TV*
Al Linero

FROM: Teresa Heron *TH*

DATE: September 22, 2004

SUBJECT: Wheelabrator North and South Broward Resource Recovery Facilities
Air Permit Modification No. 0112119-007-AC and 0112120-007-AC

Attached is the final permit modification to increase the Lime Silo Filling Rate from 40,000 to 50,000 lb/hr for these facilities. No comments were submitted by the U.S.EPA, the National Park Service, municipalities or the public during the public notice period.

The Department has determined that the present 5% opacity limitation is sufficient to control this source in a manner consistent with the original BACT determination for the facility. The applicant already has the option in the original construction permit and subsequent Title V Operation Permit to conduct opacity measurements in lieu of particulate emission tests.

The operation uses and will continue to use only as much lime as required to meet applicable acid gas emissions limits. Modification of the filling rate limitation will not trigger any new requirements, or cause increased use of the facility or of pebble lime. For reference, most filling will still be in the range of 40,000 lb/hr and may occasionally reach levels close to 50,000 lb/hr. Deliveries are made approximately 200 days per year.

We recommend your approval and signature.

AAL/th

Attachments

7000 1670 0013 3110 3278

U.S. Postal Service	
CERTIFIED MAIL RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
Sent To Mr. Paul Grego Wheelabrator North Broward, Inc. 2600 N.W. 48th Street Pompano Beach, Florida 33073	

PS Form 3800, May 2000 See Reverse for Instructions

FINAL DETERMINATION

Wheelabrator North Broward, Inc.
North Broward Waste-to-Energy Facility
Facility ID No.: 0112120
Air Construction Permit No.: 0112120-007-AC
Broward County

An Intent to Issue an air construction permit to Wheelabrator North Broward Inc., to increase the lime silo filling rate from 40, 000 to 50,000 lb/hr at the Ft Lauderdale facility, was distributed on August 6, 2004. The Public Notice of Intent to Issue Air Construction Permit was published in the Fort Lauderdale Sun Sentinel on August 16, 2004. The facility is located at 2600 N.W. 48th Street, Pompano Beach, Broward County.

No comments were submitted by the U.S.EPA, the National Park Service, municipalities or the public during the public notice period.

The final action of the Department will be to issue the permit as noted during the public notice period.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT

In the Matter of an
Application for Permits by:

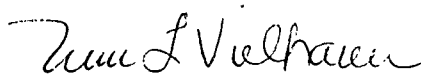
Wheelabrator North Broward, Inc.
2600 N.W. 48th Street
Pompano Beach, FL 33073

FINAL Air Construction Permit No. 0112120-007-AC
Lime Silo Filling Rate Increase
North Broward Waste-to-Energy Facility
Broward County

Enclosed is the Permit Number 0112120-007-AC to increase the Lime Silo Filling Rate to 50,000 lb/hr at the Wheelabrator North Broward, Inc located at 2600 N.W. 48th Street, Pompano Beach, Broward County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

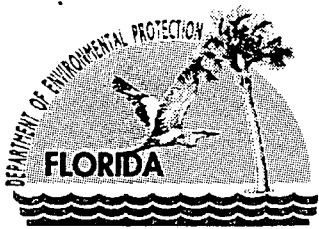
The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 9/28/04 to the person(s) listed:

Paul Grego, Wheelabrator North Broward, Inc.
Daniela Banu, Broward County Department of Natural Resource Protection
Thomas Tittle, Southeast District Office
Hamilton S. Oven, Jr., FDEP (Internet E-mail)
U.S. EPA, Region 4 (INTERNET E-mail)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 9/28/04 (Date)



Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

Permittee:

Wheelabrator North Broward, Inc.
Waste-to Energy Facility
2600 N.W. 48th Street
Pompano Beach, Florida 33073

FINAL Permit No.: 0112120-007-AC

Facility ID No.: 0112120

SIC Nos.: 49, 4953

Project: Lime Silo

Expiration Date: December 31, 2004

PROJECT AND LOCATION

This project is a re-issued and modified permit for the construction of a lime silo and associated baghouse. Emissions Unit -004 is a 236 ton capacity silo for storage of pebble lime. It is part of the spray dry absorber (SDA) system used for control of acid gases from the municipal waste combustion units. A supply truck pneumatically transfers pebble lime to the silo through a fill line. A Wheelabrator Air Pollution Control Jet III baghouse (Model No. 1016, BA-108) is used to control particulate matter emissions during silo filling. This lime silo and associated baghouse is located at the existing North Broward County Waste-to-Energy Facility. No physical changes are associated with this project. This permit will allow an increase in the rate at which the silo is filled.

This facility is located at 2600 N.W. 48th Street, Pompano Beach, Broward County. UTM Coordinates: Zone 17, 583.541 km East and 2907.498 km North; Latitude: 26° 17' 12" North and Longitude: 80° 09' 48" West.

STATEMENT OF BASIS

This 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 above named permittee is authorized to modify the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

ATTACHED APPENDICES MADE A PART OF THIS PERMIT:

Appendix SC Specific Conditions (including Permit AC 06-186998 with General Conditions)

Michael G. Cooke, Director
Division of Air Resource
Management

APPENDIX SC
SPECIFIC CONDITIONS

1. This permit, 0112120-007-AC, supersedes Air Construction Permit AC 06-186998 (attached) issued on March 12, 1991 to install a lime silo with a capacity of 236 tons together with a baghouse designed for a flow rate of 1500 actual cubic feet per minute (ACFM). None of the provisions in the attached document related to Air Construction Permit AC 06-186997 for the ash handling system are incorporated into this document or modified by this action
2. The provisions of Air Construction Permit AC 06-186998 issued on March 12, 1991, are attached and incorporated into this air construction permit except for the change that follows in Specific Condition 3 below.
3. The description of the Lime Silo is: The lime silo has a capacity of 236 ton capacity silo for storage of pebble lime. Only one truck can be unloaded pneumatically into the lime silo at a maximum process input rate of 50,000 lb/hr. The lime silo is equipped with Wheelabrator Air Pollution Control Jet III baghouse Model No. 1016, BA-108 designed at a flow rate of 1500 ACFM.

RELEVANT DOCUMENTS

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action and are on file with the Department.

- Application Information received on April 8, 2004 (complete on May 10, 2004);
- Statement of Basis for Draft Title V Permit Revision;
- Permit for the Significant Deterioration of Air Quality (PSD-FL-112) issued on July 28, 1987 for the three municipal waste combustors and pollution control systems of which the lime silo is a constituent;
- Modification to PSD-FL-112 issued February 9, 1989, May 22, 1997, and September 28, 1999.
- Power Plant Siting Certification, PA 86-22, issued on March 3, 1987 and subsequent revisions dated April 12, 1988, February 1, 1989, October 4, 1991, and November 30, 1992.
- Air Construction Permit AC 06-186997 issued on March 12, 1991 (within the same document as AC 06-186998) and subsequent revisions 0112120-002-AC dated October 23, 2000 and 0112120-003-AC dated October 22, 2002.