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AUG 10 2000

August 8, 2000 BUREAU OF AIR REGULATION

WHEELABRATOR NORTH BROWARD, INC.  
A WASTE MANAGEMENT COMPANY

2600 N.W. 48th Street  
Pompano Beach, FL 33073  
(954) 971-8701  
(954) 971-8703 Fax

RECEIVED

AUG 10 2000

BUREAU OF AIR REGULATION

CERTIFIED MAIL # Z 239 397 984

Mr. Scott M. Sheplak P.E.  
Florida Department of Environmental Protection  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Re: Wheelabrator North Broward  
Comments to Draft Title V Permit

Dear Mr. Sheplak:

Below are Wheelabrator North Broward's comments to Revised Draft Title V permit No. 0112120-001-AV that was published in the Sun Sentinel on July 9, 2000:

- 1) Page 30, B.12 Capacity- Paragraph (b) is not applicable. Municipal waste combustor operating capacity defined under 40 CFR 60.51b specifically excludes MWC's constructed before September 20, 1994.
- 2) Page 38, Emission Limitations and Standards- Permitting Note: Last sentence of permitting note should reference PSD -FL- 112(B).
- 3) Pages 38-40, Condition B.35: This condition should only reference 40 CFR 60.33b as basis for limit consistent with other Cb limits incorporated into PSD FL-112 (B).
- 4) Page 42, Condition B.45: Condition 44 limits excess opacity emissions to 2 hours in a 24-hour period. This is inconsistent with Condition B.47, which allows excess emissions for 3 hours in a 24-hour period.
- 5) Page 55, Condition B.79; Condition 79 should be modified since the requirement to calculate a 12% CO2 F-Factor was deleted in PSD-FL-112 (B) when lb/mmbtu limits were changed to concentration based limits. Compliance with emission limit in lb/mmbtu (see condition B.40) should be based on the EPA F-Factor of 9570 dscf/mmbtu from 40 CFR 60 Appendix A, Method 19. This F-Factor was used to convert Subpart Cb limits to equivalent lb/mmbtu values in PSD FL-112 (B).
- 6) Page 55, Condition B.80: Condition 1.d.(3) of PSD FL-112(B), the basis for Condition B.80, was added to the PSD to reflect the incorporation of the Cb requirements and therefore was to provide the same monitoring flexibility that Subpart Cb allows. Consequently, the location of SO2 monitors upstream of scrubber would be not be required if SO2 removal efficiency would not be used for determining compliance with the alternative removal limit. Furthermore, SO2 monitors



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Page Two

are not required under Specific Condition 9 of PSD FL-112 (B), which specifies the PSD continuous monitoring requirements. PSD specific condition 9 was inexplicably left out of the Title V permit. PSD Condition 9 should be incorporated in the Title V permit to preserve the option for omitting SO<sub>2</sub> monitors upstream of the scrubber. It was our intent under PSD FL-112 (B), which incorporated the Subpart Cb requirements to make the inlet SO<sub>2</sub> monitors optional (as Cb allows) which we thought was done.

7) Page 41, Permitting Note: The equivalent emissions were calculated using a F-Factor of 14,389 dscf/mmbtu at 7% O<sub>2</sub> and not 16,673 dscf/mmbtu at 7%O<sub>2</sub>. The 14.439 dscf/mmbtu F-Factor is based on EPA Method 19 F-Factor of 950 dscf/mmbtu converted to 7%O<sub>2</sub>.

8) Page 59, Condition B.93, paragraph (6): The SO<sub>2</sub> limit under Condition B.32 specifies a concentration limit or % removal and there is no maximum ppm limit for SO<sub>2</sub>. Paragraph (6) of Condition 93 implies a ppm limit only for SO<sub>2</sub> and this should be clarified.

Sincerely,

A handwritten signature in black ink that reads "Paul Gyo for". The signature is written in a cursive, somewhat stylized script.

William Roberts  
Regional Manager

Enclosures

Cc: Chuck Faller  
Timothy Porter  
Matt Killeen  
Scott Shannon  
File: 3.7.3  
File: 5.1.3.2



# INTEROFFICE MEMORANDUM

- file -

e-mail receipt  
of comments

**Date:** 08-Aug-2000 09:28am  
**From:** cfaller  
cfaller@wm.com  
**Dept:**  
**Tel No:**

**To:** scott.sheplak ( scott.sheplak@dep.state.fl.us )

**Subject:** North Broward Draft Title V Comments

Please find attached Wheelabrator North Broward's comments to the Draft Title V permit, which was published in the local newspaper on July 9, 2000. A signed, hard-copy of this letter will be sent to your attention by certified mail today. (See attached file: Draft Title V Comments (2nd Draft) - NB.doc)



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JUL 17 2000

WHEELABRATOR NORTH BROWARD, INC.  
WASTE MANAGEMENT COMPANY

2600 N.W. 48th Street  
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BUREAU OF AIR REGULATION

July 13, 2000

CERTIFIED MAIL # Z 239 397 969

Mr. Scott M. Sheplak, P.E.  
Florida Department of Environmental Protection  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Re: Wheelabrator North Broward

Draft Title V Permit  
Proof of Publication

Dear Mr. Sheplak:

Please find enclosed Wheelabrator North Broward's proof of publication of the "Public Notice of Intent to Issue a Combined Air Construction Permit/Title V Operation Permit".

If there are any questions, or if additional information is required, please contact this office at (954) 971-8701.

Sincerely,

William Roberts  
Regional Manager

Enclosures

cc: Chuck Faller (with)  
Matt Killeen (without)  
Tim Porter (without)  
File 3.7.3  
File 5.1.3.2.

6/20/00 cc: Wendy alexander

s:071300

S U N - S E N T I N E L  
PUBLISHED DAILY  
FORT LAUDERDALE, BROWARD COUNTY, FLORIDA  
BOCA RATON, PALM BEACH COUNTY, FLORIDA  
MIAMI, DADE COUNTY, FLORIDA

STATE OF FLORIDA  
COUNTY OF BROWARD/PALM BEACH/DADE  
BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED

*CHRIS BULL* ..... WHO ON OATH SAYS THAT  
HE/SHE IS A DULY AUTHORIZED REPRESENTATIVE OF THE  
CLASSIFIED DEPARTMENT OF THE SUN-SENTINEL, DAILY  
NEWSPAPER PUBLISHED IN BROWARD/PALM BEACH/DADE COUNTY,  
FLORIDA THAT THE ATTACHED COPY OF ADVERTISEMENT, BEING A

NOTICE

IN THE MATTER OF

NORTH

IN THE CIRCUIT COURT, WAS PUBLISHED IN SAID NEWSPAPER IN  
THE ISSUES OF

C , 07/09, 1 X

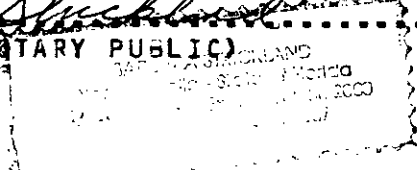
76790100

AFFIANT FURTHER SAYS THAT THE SAID SUN-SENTINEL IS A  
NEWSPAPER PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER HAS HERETOFORE  
BEEN CONTINUOUSLY PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, EACH DAY, AND HAS BEEN ENTERED AS SECOND  
CLASS MATTER AT THE POST OFFICE IN FORT LAUDERDALE, IN SAID  
BROWARD COUNTY, FLORIDA, FOR A PERIOD OF ONE YEAR NEXT  
PRECEDING THE FIRST PUBLICATION OF THE ATTACHED COPY OF  
ADVERTISEMENT; AND AFFIANT FURTHER SAYS THAT HE/SHE HAS  
NEITHER PAID NOR PROMISED ANY PERSON, FIRM OR CORPORATION  
ANY DISCOUNT, REBATE, COMMISSION OR REFUND FOR THE PURPOSE  
OF SECURING THIS ADVERTISEMENT FOR PUBLICATION IN SAID  
NEWSPAPER.

*Chris Bull*  
.....  
(SIGNATURE OF AFFIANT)

SWORN TO AND SUBSCRIBED BEFORE ME  
(THIS 09 DAY OF JULY  
A.D. 2000

*Barbara Strickland*  
.....  
(SIGNATURE OF NOTARY PUBLIC)



.....  
(NAME OF NOTARY TYPED, PRINTED OR STAMPED)

PERSONALLY KNOWN ..... OR

PRODUCED IDENTIFICATION .....

**PUBLIC NOTICE OF INTENT TO ISSUE  
A COMBINED AIR CONSTRUCTION PERMIT/TITLE V OP-  
ERATION PERMIT  
STATE OF FLORIDA DEPARTMENT OF ENVIRONMEN-  
TAL PROTECTION**

Air Construction Permit No.: 0112120-002-AC  
Revised DRAFT Title V Operation Permit No.: 0112120-  
001-AV  
North Broward Waste-to-Energy Facility Broward  
County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a combined Air Construction Permit/Title V Operation Permit to Wheelabrator North Broward, Inc. for the North Broward Waste-to-Energy Facility located at 2600 N.W. 48th Street, Pompano Beach, Broward County. The applicant's name and address are: Wheelabrator North Broward, Inc., 2600 N.W. 48th Street, Pompano Beach, Florida, 33073.

The permitting authority will issue the combined Draft Air Construction Permit/Title V PROPOSED Operation Permit, and subsequent combined Final Air Construction Permit/Title V FINAL Operation Permit, in accordance with the conditions of the combined Draft Air Construction Permit/Title V Operation Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions. The permitting authority has determined that a combined Air Construction Permit/Revised DRAFT Title V Operation Permit are required in order to: 1) remove a bag house filter system from an emissions unit/activity, the Unit 005 Ash Handling System (including conveyors, metal recovery area, ash conditioning building, and ash loadout) and 2) remove air construction permit conditions associated with the bag house filter system.

The permitting authority will accept written comments concerning the proposed combined Draft Air Construction Permit/Revised DRAFT Title V Operation Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this combined Draft Air Construction Permit/Revised DRAFT Title V Operation Permit, the permitting authority shall issue a combined Revised Draft Air Construction Permit/Revised DRAFT Title V Operation Permit and require, if applicable, another Public Notice.

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 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, 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 fourteen 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 applicable 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 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(s) or identification number(s), if known;
- (b) The name, address and telephone number of the petitioner; 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 petitioner's substantial rights will be affected by the agency determination;
- (c) A statement of how and when the petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so state;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action 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 notice of intent. 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 is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(2), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this 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.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:  
Department of Environmental Protection  
Bureau of Air Regulation

111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Telephone: 850/488-0114  
Fax: 850/922-6978

Affected District/Local Programs:  
Department of Environmental Protection  
Southeast District Office  
400 North Congress Avenue  
West Palm Beach, Florida 33416-5425  
Telephone: 561/681-6600  
Fax: 561/681-6755

Broward County Department of Natural Resource Protection Air Quality Division  
218 Southeast First Avenue  
Ft. Lauderdale, Florida 33301  
Telephone: 954/519-1220  
Fax: 954/519-1495

The complete project file includes the Technical Evaluation and Preliminary Determination, combined Draft Air Construction Permit/ Revised DRAFT Title V Operation Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, PE at the above address or call 850/921-9532, for additional information.

July 9, 2000



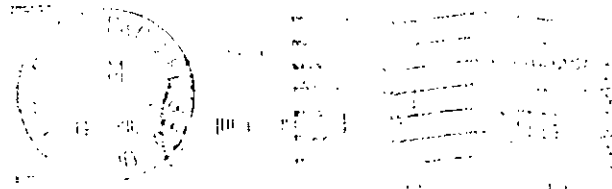
**WHEELABRATOR NORTH BROWARD, INC.**  
A WASTE MANAGEMENT COMPANY  
2600 N.W. 48th Street  
Pompano Beach, FL 33073



**CERTIFIED**

Z 239 397 969

**MAIL**



Scott M. Sheplak, P.E.  
FL Dept. of Environmental Prot.  
Twinn Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

32399-6542 01





**WHEELABRATOR NORTH BROWARD, INC.**  
A WASTE MANAGEMENT COMPANY

2600 N.W. 48th Street  
Pompano Beach, FL 33073  
(954) 971-8701  
(954) 971-8703 Fax

08 June, 2000

CERTIFIED MAIL # Z 239 398 029

Mr. Scott M. Sheplak, P.E.  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

**RECEIVED**

JUN 23 2000

**BUREAU OF AIR REGULATION**

**RECEIVED**  
JUN 22 2000  
Bureau of Air Monitoring  
& Mobile Sources

Re: Wheelabrator North Broward  
Draft Title V permit

Dear Mr. Sheplak:

Wheelabrator North Broward is formally requesting a change to the requirements contained in Rule 62-210.700 (1), F.A. C. The current requirement in this section reads:

*"Excess emissions resulting from start-up, shutdown, or malfunction of any emissions units shall be permitted provided (1) best operational practices to minimize emissions are adhered to, and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours on any 24-hour period unless specifically authorized by the Department for longer duration."*

The Emissions Guidelines for large MWCs, promulgated as 40 CFR 60 Subpart Cb, and adopted as Rule 62-204.800 (8) (b), F.A.C., has significantly increased the stringency of the standards applied to the facility and increased the complexity of the control equipment. This is discussed in the EPA Background Information Documents and the Emissions Guidelines, which specifically allow three hours of excess emissions in any 24-hour period during start-ups, shutdowns and malfunctions.

The facility's current Power Plant Siting Certification (PA 86-22) is being modified by the FDEP. While the current PPSC does contain the two hour notification requirement, Section XII. B. of the proposed modified PPSC reads:

*"This certification shall be automatically modified to conform to any subsequent amendments, modifications, or renewals made by DEP under a federally or approved program to any separately issued Prevention of Significant Deterioration (PSD) permit, Title V Air Permit, or National Pollutant Discharge Elimination System (NPDES) permit for the certified facility."*

If there are any questions, or if further information is required, I may be contacted at (954) 971-8701.

Sincerely,

*William Roberts*

William Roberts  
Regional Manager

cc: Chuck Faller  
Tim Porter  
Matt Killeen  
File: 3.7.3  
5.1.3.2

s: 060800

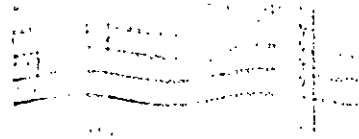
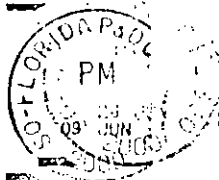
6/23/00 cc: Scott Sheplak  
Wendy Alexander



**CERTIFIED**

Z 239 398 029

**MAIL**



**WHEELABRATOR NORTH BROWARD, INC.**

A WASTE MANAGEMENT COMPANY

2600 N.W. 48th Street  
Pompano Beach, FL 33073



Deputy Chief Compliance  
Ambient Monitoring Bureau of Air  
Quality Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400



32399-2400





**WHEELABRATOR NORTH BROWARD, IN  
A WASTE MANAGEMENT COMPANY**

2600 N.W. 48th Street  
Pompano Beach, FL 33073  
(954) 971-8701  
(954) 971-8703 Fax

**COVER SHEET**

TO: Wendy Alexander DATE: 6/21/00

FAX NUMBER OF RECEIVER: 850-982-6979 PAGES: 2 (including cover)

**FROM**

- William Roberts**  
Plant Manager
- Paul Grego**  
Operations Mngr
- Michael Irwin**  
Controller
- Chuck Faller**  
E.H & S Director
- Kelby Bello**  
Accountant
- Olivia Smith**  
Accounts Payable
- Chris Leyen**  
Maint. Supervisor
- Sally Alvarez**  
Human Resources
- Dean Satterly**  
E & I
- Ruth Rivera**  
Accounts Receivable
- \_\_\_\_\_  
Other

SHOULD YOU HAVE ANY PROBLEMS, CALL SENDER AT (954) 971-8701 EXT. 0

CONTENTS OF TRANSMITTAL: \_\_\_\_\_

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**WHEELABRATOR NORTH BROWARD, INC.**  
A WASTE MANAGEMENT COMPANY

2600 N.W. 48th Street  
Pompano Beach, FL 33073  
(954) 971-8701  
(954) 971-8703 Fax

08 June, 2000

CERTIFIED MAIL # Z 239 398 029

Mr. Scott M. Sheplak, P.E.  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

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Sincerely,

William Roberts  
Regional Manager

cc: Chuck Faller  
Tim Porter  
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s: 060800