

Florida Department of Environmental Regulation

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PERMITTEE:
Mr. Paul F. Claerbout
Wheelabrator North Broward, Inc.
2600 N.W. 48th Street
Pompano Beach, Florida 33073

I.D. NUMBER: 50/WPB/06/2120
PERMIT/CERTIFICATION NUMBER: AO 06-208187*
DATE OF ISSUE: **MAY 14 1992**
EXPIRATION DATE: February 28, 1996
COUNTY: Broward
LATITUDE/LONGITUDE: 26°17'14"N/80°09'35"W
UTM: Zone 17; 583.9 Km. E; 2907.6 Km. N
PROJECT: Wheelabrator North Broward, Inc.
Ash Handling System & Lime Silo

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule 17-2, and in conformance with all existing regulations of the Florida Department of Environmental Regulation. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

RATE: An air pollution source consisting of an ash handling system and lime silo at a Resource Recovery Project (PSD permit No. PSD-FL-112).

Ash Handling System

Emissions from the ash handling system (with a process input rate of 21,435 lbs./hr. of fly ash and spray dryer reaction products) are controlled by MAC Filter Model 120 LST 100 baghouse designed at a flow rate of 8000 ACFM.

Lime Silo

The lime silo has a capacity of 236 tons. Only one truck can be unloaded pneumatically into the lime silo at a maximum process input rate of 40,000 lbs./hr. The lime silo is equipped with Wheelabrator Air Pollution Control Model 1016, BA-108, Jet III baghouse designed at a flow rate of 1500 ACFM.

IN ACCORDANCE WITH: Certificate of Completion of Construction received February 6, 1992 and additional information received April 30, 1992; Application to Construct Air Pollution Sources dated September 26, 1990 and additional information dated November 19, 1990 and January 9, 1991 (none are attached).

LOCATED AT: 2700 Hilton Road (N.W. 48th Street), Pompano Beach, Broward County, Florida.

TO SERVE: A resource recovery facility (SIC #4953).

SUBJECT TO: General Conditions 1-14. and Specific Conditions 1-13.

* This permit supersedes Construction Permits Nos. AC 06-186997 and AC 06-186998 issued March 12, 1991

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

- (a) Have access to and copy any records that must be kept under the conditions of the permit;
- (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in the permit, the permittee shall immediately notify and provide the Department with the following information:

- (a) A description of and cause of noncompliance; and
- (b) The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, data, monitoring data and other information relating to the construction or operation of the permitted source which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rule 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. The permittee shall comply with the following :
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.
14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

PERMITTEE:
Mr. Paul Claerbout
Wheelabrator North Broward, Inc.
Panama Beach, Florida

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SPECIFIC CONDITIONS:

1. Wheelabrator North Broward, Inc.'s fly ash handling system and the lime silo shall be allowed to operate continuously (i.e. 8,760 hrs./yr.).
2. Particulate emissions from the fly ash handling system and lime silo baghouses shall not exceed 0.010 gr./dscf, nor 3.0 tons/year and 0.021 tons/year, respectively.
3. Visible emissions from the fly ash handling system shall not exceed 5% opacity.
4. Visible emissions from the lime silo baghouse shall not exceed 5% opacity as noted in Specific Condition No. 6.
5. Compliance with the particulate and visible emissions test shall be determined in the year prior to permit renewal using EPA Methods 1, 2, 3, 4, 5 and 9 contained in F.A.C. Rule 17-2.700. The visible emissions test for the fly ash handling system shall be conducted along with the particulate tests and shall be for at least 60 minutes. The visible emissions tests for the lime silo shall be conducted for the entire truck unloading operation. The minimum requirements for stack sampling facilities, source sampling and reporting shall be in accordance with F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A. A stack drawing showing sampling locating for the MAC Filter Model 120 LST 100 baghouse shall be submitted to the Department at least 90 days prior to testing.
6. The maximum allowable emission rate for particulate matter for the lime silo is set by Specific Condition No. 2. Because of the expense and complexity of conducting a stack test on minor sources of particulate matter, the Department, pursuant to the authority granted under F.A.C. Rule 17-2.700 (3)(d), hereby waives the requirement for a stack test. The alternate standard set forth by this provision establishes a visible emission not to exceed an opacity of 5%.
- Should the Department have any reason to believe the particulate emission standard not being met for the lime silo, the Department may require that compliance with the particulate emission standards be demonstrated by testing in accordance with F.A.C. Rule 17-2.700.
8. No objectionable odors from this facility will be allowed.
9. The Broward County Office of Natural Resource Protection and the Southeast District Office of the DER shall be given written notice at least 15 days prior to compliance testing.
10. All conveyor loading points, transfer points and all ash processing equipment shall be properly enclosed. The facility shall be operated by personnel properly trained for the equipment herein. The Department shall be notified in writing on how the facility will be staffed and trained.
11. Reasonable precautions shall be taken during operation to prevent and control and generation of unconfined emissions of particulate matter in accordance with the provisions in F.A.C. Rule 17-2.610(3). Such reasonable precautions shall be: application of water or chemicals to control fugitive emissions from activities such as vehicular movement, loading, unloading, storage and handling.
12. The permittee shall comply with all applicable provisions of Florida Administrative Code Chapters 17-2 and 17-4.

PERMITTEE:
Mr. Paul Claerbout
Wheelabrator North Broward, Inc.
Pompano Beach, Florida


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SPECIFIC CONDITIONS:

13. The permittee shall be aware of and operate under the attached "General Permit Conditions #1 thru #14." General Permit Conditions are binding upon the permittee and enforceable pursuant to Chapter 403 of the Florida Statutes.

Issued this 14th day of MAY, 1992

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION



Bobby A. Cooley
Acting Director of District Management