

# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

December 19, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED


Mr. David B. Lowe  
Solid Waste Authority of  
Palm Beach County  
7501 North Jog Road  
West Palm Beach, Florida 33412

Dear Mr. Lowe:

Enclosed is a proposed amendment letter and Public Notice for modifications to the North County Resource Facility located in Palm Beach County, Florida. You are required to do a public notice for this modification. All comments during the public notice period should be addressed to New Source Review Administrator at the Department's Tallahassee address.

If there are additional questions on the above, please call Teresa Heron at (904)488-1344.

Sincerely,

  
C. H. Fancy, P.E.  
Chief  
Bureau of Air Regulation

CHF/th/t

enclosures

cc: J. Kahn, SED  
J. Harper, EPA  
J. Bunyak, NPS  
H. Oven, PPS  
A. Makled, P.E.  
J. Koerner, PBCHU

Florida Department of  
**Environmental Protection**

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Memorandum

TO: Clair Fancy  
FROM: A. A. Linero  
DATE: December 19, 1995  
SUBJECT: Modification of Permit PSD-FL-108(B)  
Solid Waste Authority of Palm Beach County  
North County Resource Recovery Facility (NCRRF)

Attached is a letter modifying a construction permit for this facility. The modification consists of the installation of a landfill gas collection system to control pollutants and odorous emissions from the Class I and Class II landfills at the NCRRF.

Two flares will be installed in accordance with the proposed New Source Performance Standards for landfills (40 CFR 60 Subpart WWW). The two flares are identical units. The landfill gas collection systems are similar in concept. The potential emissions from each emission unit are less than the PSD significant level.

I recommend your approval and signature.

TH/kt

Attachments

DRAFT

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The checking and recording of the gas flow, temperature, pressure, and composition, and flame temperature, shall be performed on a weekly basis for all wells and the flare station.

The permittee shall keep a hard copy of the weekly gas extraction monitoring and analysis data, as well as instrumentation history records, on site at all times. The weekly data shall be summarized and included as part of the facility's annual operating report.

12. The net heating value of the input gas shall be 200 Btu/scf or greater. Compliance with this parameter shall be determined by methodology specified in paragraph f of 40 CFR 60.18. Samples shall be taken, and results reported annually.

13. Actual exit velocity of each flare shall be calculated and reported on an annual basis, using methods specified in paragraph f of 40 CFR 60.18.

14. An operation and maintenance plan shall be submitted to the Department's Southeast District office prior to applying for an operating permit.

15. The Southeast District office shall be given at least 15 days written notice prior to compliance testing.

16. Prior to placing the flare in service, the pilot gas for the flare shall be fired by propane at 25 scfh (standard cubic feet per hour), with a maximum heat input rate of .06 MMBtu/hour. The pilot light is not required when the flame is sustained by the landfill gas alone.

17. An application for an operation permit shall be submitted to the Department in accordance with Rule 62-213.420, Permit Applications.

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DRAFT

A copy of this letter shall be filed with the PSD-FL-108, and shall become a part of the permit.

Sincerely,

Howard L. Rhodes  
Director  
Division of Air Resources  
Management

HLR/th/t

cc: J. Kahn, SED  
J. Harper, EPA  
J. Bunyak, NPS  
H. Oven, PPS  
A. Makled, P.E.  
J. Koerner, PBCHU

Attachments available upon request:

Application to construct/modify the NCRRF facility  
submitted on August 11, 1995

Additional correspondence submitted on October 30, November 3 and  
December 4.