

502(b)(10) Permit for Part 70 Source

Permit Attachment No.: **4953-089-0297-V-02-1** Effective Date: **September 13, 2005**

Facility Name: **Hickory Ridge Sanitary Landfill**
3330 Moreland Avenue
Conley, Georgia 30288, DeKalb County

Mailing Address: 3330 Moreland Avenue
Conley, GA 30288

Parent/Holding Company: BFI Waste Systems of North America, Inc.

Facility AIRS Number: 04-13-089-00297

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to or in effect under the Act, the Permittee described above is issued a SIP Construction and Operating Permit for:

The replacement and upgrade of the blowers and stack on the primary flare. The existing flare capacity is 2000 cfm, with a proposed capacity of 2485 cfm.

This modification qualifies as a Section 502(b)(10) change to the Part 70 source in accordance with Georgia Air Quality Control Rule 391-3-1-.03(10)(b)(5).

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted or in effect under that Act, or any other condition of this Permit and Permit No. 4953-089-0297-V-02-0. Unless modified or revoked, this Permit expires upon issuance of the next Part 70 Permit for this source.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. TV16330 dated August 5, 2005; any other applications upon which this Permit or Permit No. 4953-089-0297-V-02-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **3** page(s), which pages are a part of this Permit, and which hereby become part of Permit No. 4953-089-0297-V-02-0.

Director
Environmental Protection Division

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PART 1.0 FACILITY DESCRIPTION**1.3 Process Description of Modification**

Hickory Ridge Sanitary Landfill uses open flare(s) to control NMOC emissions generated by the landfill. This modification will upgrade the blowers and stack on the primary flare. The existing flare capacity is 2000 cfm; the upgraded capacity will be 2485 cfm. The facility is also authorized to destroy NMOC emissions by providing them as fuel for the three internal combustion (IC) engines at the third-party power generation station. These engines have not yet been constructed.

PART 4.0 REQUIREMENTS FOR TESTING

4.2 Specific Testing Requirements

- 4.2.3 Within 60 days after achieving the maximum flow rate at which the upgraded primary flare will be operated, but no later than 180 days after initial startup of the primary flare, the Permittee shall conduct an initial performance test for visible emissions, determine the heating value of the landfill gas venting to the flare, and calculate the exit velocity from the upgraded primary flare using the procedures in 40 CFR 60.18 (or other methods approved by the EPA and the Division.)
[40 CFR 60.752(b)(2)(iii)(A)]

PART 7.0 OTHER SPECIFIC REQUIREMENTS

7.14 Specific Conditions Associated with this Modification

- 7.14.1 The Division reserves the right to amend this air quality permit upon receipt of comments from the public or EPA, submitted prior to September 29, 2005, which provide relevant information not previously available to the Division.

502(b)(10) PERMIT FOR PART 70 SOURCE

Hickory Ridge Sanitary Landfill

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