

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

**Permit Attachment No.:** 4953-089-0297-V-02-2      **Effective Date:** December 28, 2006

**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:

Increasing the flow rate of landfill gas to the flare(s) up to 4,300 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. TV-16890 dated August 23, 2006; 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 2 page(s).

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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 increase the flow rate of landfill gas to the flare(s) to 4,300 cfm. The facility is also authorized to destroy NMOC emissions by providing them as fuel for the three internal combustion (IC) engines at a third-party power generation station. These engines have not yet been constructed.

**PART 4.0 REQUIREMENTS FOR TESTING****4.2 Specific Testing Requirements**

- 4.2.4 Within 180 days of issuance of this permit, the Permittee shall conduct a performance test for visible emissions, to determine the heating value of the landfill gas venting to the flare, and to calculate the exit velocity from the primary flare using the procedures in 40 CFR 60.18 (or other methods approved by the EPA and the Division). This test shall be conducted at a flow rate of landfill gas to the flare that is higher than 2850 cfm. If, in the opinion of the Division, the flow rate during the test is not high enough to demonstrate that the flare can operate in compliance at 4300 cfm, the Permittee may be required to re-test at a later date.

[40 CFR 60.752(b)(2)(iii)(A)]

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

Hickory Ridge Sanitary Landfill

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