



Facility Permit No: 32-09-I  
Durham County  
GlaxoSmithKline  
Solid Waste Incinerator  
Permit to Operate  
Amendment: July 9, 2010  
Doc ID No. 11108  
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**NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL  
RESOURCES**

Dexter R. Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary

**STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT**

**SOLID WASTE PERMIT NO. 32-09-I**

GlaxoSmithKline, Inc.  
is hereby issued a

**PERMIT TO OPERATE  
(Modification)**

**A MEDICAL WASTE INCINERATOR**

located at 3029 Cornwallis Road, RTP, Durham County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.

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Edward F. Mussler, III, P.E.,  
Permitting Branch Supervisor  
Permitting Branch  
Solid Waste Section

## ATTACHMENT 1

### List of Approved Documents

#### Part A. Permit History

Issuance	Document ID	Date
Original Issue (PTO)		February 8, 1996
Modification/Renewal (Change in Ownership; Change in Service)		May 14, 2002
Amendment (Permit Renewal)	1126	March 22, 2007
Modification (Permit to Operate)	8456	August 19, 2009
Modification (Change in Operations Plan)	11108	July 9, 2010

#### Part B: Approved Documents

1. Solid Waste Permit Application, GlaxoWellcome Inc., received November 14, 1995, updated and revised March 1, 2001 and May 9, 2002.
2. Application for Renewal of Solid Waste Permit No. 32-09-I, GlaxoSmithKline, Inc., Document ID No. 8456. Submitted December 14, 2006.
3. Revised Operations Plan for Permit Modification for GSK P-bldg Ash and Lime. Document ID 10207, Submitted by GSK, Inc, July 2009.
4. Exhibit 19 P-Building Overfire Water Tank Operations. Document ID No. 11371. Submitted by GlaxoSmithKline, Inc., May 28, 2010.
5. Revised Operations Plan for Permit Modification for Overfire Water Tank Operations, Document ID 11458. Submitted by GSK, Inc., May 28, 2010.

-End of Section-

## **ATTACHMENT 2**

### **Conditions of Permit to Operate**

#### **General Facility Conditions**

1. This permit modification approves the operation of the overfire water tank operations as described in the GlaxoSmithKline submitted plans. The approved plans are described in GSK Exhibit 19, "P-Building Overfire Water Tank Operations". Where discrepancies may exist, the most recent approved submittal shall govern.
2. This permit shall be reviewed by the Solid Waste Section five (5) years from the permit amendment issuance date of March 22, 2007, in accordance with 15A NCAC 13B .0201(e). It is subject to review on or before March 22, 2012. On or before November 22, 2011, the owner or operator shall submit a permit amendment or modification prepared in accordance with the rules effective at the time of submittal.
3. If the performance and compliance history of this facility is determined to have been satisfactory by a review by the Division, and no permit revisions are required, a representative of the Section shall inspect the facility and issue approval to continue operating for five (5) additional years under the terms of this permit. The Section representative shall notify the Permitting Branch Supervisor in writing, either by letter or e-mail, that the conditions have been met. The owner and operator shall be copied on the correspondence. The notification shall suffice as permission to operate as of the date of the notification.
4. In the event of conflicts between this Permit to Operate and previously issued conditions, the conditions of this Permit to Operate shall supersede previously issued conditions.
5. This facility is subject to the requirements of all applicable sections of the most recent version of the North Carolina Solid Waste Management Rules, 15A NCAC 13B and the specific conditions contained herein.
6. Additional conditions and revisions of the approved documents or changes during the operation of the facility require approval by the North Carolina Solid Waste Section.
7. Medical Waste is subject to the general requirements of 15A NCAC 13B .1202.
8. Regulated Medical Waste is subject to the requirements of 15A NCAC 13B .1203.
9. On or before August 1 of each year, the permittee shall report the amount of waste received (in tons) at this facility and treated at this facility to the Solid Waste Section, on forms prescribed by the Section. This report shall include the following information:
  - a. The reporting period shall be for the previous year, beginning July 1 and ending on June 30;
  - b. The amount of waste received and treated in tons, compiled on a monthly basis; and

- c. The completed report shall be forwarded to the Regional Waste Management Specialist for the facility. A copy of the completed report shall be forwarded to the County Manager of each county from which waste was received.
10. This facility is permitted to receive medical waste as defined in 15A NCAC 13B Section .1201(4), and as described in the approved plan.

#### **OPERATIONAL CONDITIONS**

11. This facility shall conform to the operating requirements described in the approved plan, 15A NCAC 13B .0509, .1207(1) and (3), and the conditions specified herein.
12. Transportation of untreated regulated medical waste shall conform to the requirements of 15A NCAC 13B .1205.
13. Storage facilities for untreated medical waste shall be provided at the treatment facility as described in the approved plan and in accordance with 15A NCAC 13B Sections .0104, .1206 and .1207(1).
14. Combustion ash and overfire water tank operations shall be managed as described in the approved plan and in accordance with 15A NCAC 13B .1207(3). In the event that the facility should be out of compliance with any part of the permit or operating plans, the Department may require increased testing and/or changes in operations in order to return to compliance, or for the purpose of protecting the public health and the environment.

-End of Section-