



Permit No.: 41-03-COMPOST  
Permit to Operate  
City of Greensboro - White Street Compost Facility  
March 19, 2012  
Document ID No. 16319  
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North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue  
Governor

Division of Waste Management  
Dexter R. Matthews  
Director

Dee Freeman  
Secretary

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

**LARGE TYPE 1 COMPOST FACILITY**  
**Permit No. 41-03-COMPOST**

**CITY OF GREENSBORO**  
(OWNER AND OPERATOR)

is hereby issued a

**PERMIT TO OPERATE**

**CITY OF GREENSBORO - WHITE STREET COMPOST FACILITY**  
**Plats 1, 2, and 3**

located at 2503 White Street, Greensboro, Guilford 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  
Solid Waste Section

## ATTACHMENT 1

### Part I: Permitting History

Permit Type	Date Issued	Document ID
Permit to Operate (PTO) – Plats 1 and 2	December 18, 2003	
PTO Modification - Added Plat 3	May 5, 2005	
PTO Amendment – Plats 1, 2, and 3	March 19, 2011	16319

### Part II: List of Documents for the Approved Plan

1. Permit Application with Operation and Maintenance Manual. November 24, 2003.
2. *Application to Operate, Large Type 1 Compost Facility.* Prepared by City of Greensboro, Environmental Services Department. March 15, 2005.
3. *Application to Operate, Large Type 1 Compost Facility.* Prepared by City of Greensboro, Environmental Services Department. January 2010 as revised through March 15, 2012. DIN 16318.

### Part III: Location of Solid Waste Facility

The solid waste compost facility approved under this permit is located on portions of the properties described in the following deeds. Other solid waste facilities are also located on these properties. There are three compost plats located on the properties as referenced below.

<b>Guilford County, NC Register of Deeds</b>						
Compost Plat	Book	Page	Grantor	Grantee	Property Acres	Plat Acres
1	2097	344	C.A. Keeley & Wife, Helene R. Keeley	City of Greensboro	86	12.54
2	2097	344	C.A. Keeley & Wife, Helene R. Keeley	City of Greensboro		6.74
3	1575	442	Ruth Walker, et al.	City of Greensboro	86	9.00
Total Acres					172	28.28

#### **Part IV: General Permit Conditions**

1. This permit expires **May 5, 2015**. Pursuant to 15A NCAC 13B .0201(e), the owner or operator must submit a request for a permit review to the North Carolina Department of Environment and Natural Resources (NCDENR), Division of Waste Management, Solid Waste Section (Section) no later than **November 5, 2015**. The request must include an application prepared in accordance with 15A NCAC 13B .1405.
2. The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.
3. (Intentionally blank)
4. (Intentionally blank)
5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Operation of this solid waste management facility shall be in accordance with the North Carolina Solid Waste Management Rules, 15A NCAC 13B; Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS 130A-290, et seq.); the conditions contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition
7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, “List of Documents for Approved Plan,” and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of Permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee shall notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual National Pollutant Discharge Elimination System Stormwater Discharge Permit. Issuance of this permit does not remove the permittee’s responsibilities for compliance with any other local, state or federal rule, regulation, or statute.

*- End of Section -*

## **ATTACHMENT 2**

### **Conditions of Permit to Construct**

(Intentionally blank)

*- End of Section -*

## ATTACHMENT 3

### Conditions of Permit to Operate

#### Part I: Operating Conditions

1. This permit to operate shall expire on **May 5, 2015**.
2. Operation and maintenance of this facility shall be in accordance with the Solid Waste Compost Rules (15A NCAC 13B, Section .1400), the approved application including the Operation and Maintenance Manual submitted with the application, and conditions of this permit. Failure to comply may result in compliance actions or permit revocation.
3. The facility receives approximately 30,000 tons of feedstock per year for processing. Based on the process flow sheet and operation described in the approved application, the operating capacity is 51,450 tons per year. Sufficient area is available to increase the operating capacity if needed.
4. This facility shall be operated in a manner such that erosion and runoff from the site will be controlled. Any leachate generated at the facility, or any runoff from the facility, shall be managed in a manner that will not adversely affect groundwater or surface water quality. The facility shall be maintained to prevent the accumulation of stormwater or leachate on travel areas or active composting sites.
5. An appropriate permit issued by the NCDENR Division of Water Quality for managing stormwater or wastewater at the facility shall be maintained as required.
6. Only materials specifically listed in the permit application may be managed at this compost facility. Before additional materials, including potential feedstocks listed in the permit application, may be added, there must be adequate testing and prior written approval by the Division of Waste Management.
7. All compost produced at the facility shall meet the requirements of Rule .1407 of the Solid Waste Compost Rules and the approved permit application.
8. Testing and reporting shall be conducted in accordance with the requirements of Rule .1408 and the approved permit application. The compost operation and the compost pad shall be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard.
9. Windrow dimensions for active composting shall be limited to a maximum height of 12 feet and maximum width of 25 unless otherwise approved by the Division.
10. In the event of a mechanical failure, the facility shall immediately use its best effort to utilize substitute equipment for completion of the composting operation.
11. Wastes shall not be received that are in an anaerobic state.

12. The odor management procedures shall be followed to minimize odors at the facility boundary. Upon receipt of an odor complaint, the facility operator shall investigate and take actions as necessary to minimize the cause of the complaint. In response to a verified off-site odor complaint resulting from the compost windrows, the facility shall immediately cover the odor-generating windrow(s) with a 6-inch layer of finished compost. A copy of all written complaints regarding this facility shall be maintained for the duration of the permit including the operator's actions taken to resolve the complaints.
13. The facility shall be operated in a manner that reduces the potential for vector attraction.
14. Stockpiling of finished product shall be limited to dimensions of 35' in height by 50' in width.
15. Groundwater monitoring wells may be required if there is indication of the potential for groundwater contamination.
16. An annual report of facility activities for the fiscal year July 1 to June 30 shall be submitted to the Division by August 1 of each year on forms provided by the Division. This report shall include the amount of materials received and composted in tons.

*- End of Permit Conditions -*