



Facility Permit No: 6012  
Permit to Operate - Amendment  
Compost Central  
February 28, 2012  
DIN 16159  
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North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

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 I COMPOST FACILITY**  
**Permit No. 6012**

MECKLENBURG COUNTY  
is hereby issued a

**PERMIT TO OPERATE**

COMPOST CENTRAL YARD WASTE FACILITY

Located at *5631 West Boulevard, City of Charlotte, Mecklenburg 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. The legal description of the site is identified on the deeds recorded for this property listed in Attachment 1, Part III of this permit.

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

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
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One  
North Carolina  
*Naturally*

## ATTACHMENT 1

### PART I: PERMITTING HISTORY

1. On November 12, 1991 a Permit to Operate was issued for a Large Type I Compost Facility.
2. On August 4, 1992 an amendment was made to the Permit for renewal of operations.
3. On December 20, 2000 an amendment was made to the Permit for the five-year renewal of operations.
4. On May 31, 2006 an amendment was made to the Permit for the five-year renewal of operations.
5. On February 28, 2012 an amendment was made to the Permit for the five-year renewal of operations.

No.	Permit Type	Date Issued	DIN
1.	Permit Original Issuance	November 12, 1991	
2.	Permit Amendment	August 4, 1992	
3.	Permit Amendment	December 20, 2000	
4.	Permit Amendment	May 31, 2006	
5.	Permit Amendment	February 28, 2012	<b>16159</b>

### PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

NO.	DOCUMENT DESCRIPTION	DIN
1.	<i>Solid Waste Compost Facility, Permit Application Submittal. Prepared by Mecklenburg County. January 2011.</i>	16058
2.	<i>Reply to Technical Review Comments for Large Type-I Solid Waste Composting Facility Permit Application March 22, 2011, Facility Permit No.: SWC-60-12, Mecklenburg County Compost Central Yard Waste Facility, 5631 West Blvd, Charlotte, NC 28208. Prepared by Mecklenburg County. September 2011.</i>	16061

### PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

<b>Mecklenburg County, N.C. Register of Deeds</b>				
Book	Page	Acreage	Parcel ID Number	Grantee
03423	0567	60.23	14120201	City of Charlotte
		60.23	Total Facility Acreage	

#### Notes:

1. Deed book references are from Mecklenburg Geographic Information Systems website (<http://maps.co.mecklenburg.nc.us/edgis/>) accessed February 2012.

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct must be implemented in accordance with Attachment 2 of this permit. The Permit to Operate must be implemented in accordance with Attachment 3 of this permit.
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 must be in accordance with the 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, Part II: “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 NPDES 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

#### PART I – COMPOST FACILITY SPECIFIC CONDITIONS

*Not Applicable*

#### PART II – MISCELLANEOUS SOLID WASTE MANAGEMENT CONDITIONS

*Not Applicable*

*- End of Section-*

## ATTACHMENT 3

### CONDITIONS OF PERMIT TO OPERATE

#### PART I – COMPOST FACILITY SPECIFIC CONDITIONS

1. The Permit to Operate shall expire **May 31, 2016**. Pursuant to 15A NCAC 13B .0201(e), no later than **November 31, 2015**, the owner or operator must submit a request to the Section for permit review and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.
2. Operation and maintenance of this facility shall be in accordance with the Solid Waste Compost Rules (15A NCAC 13B, Section .1400), conditions of the Permit to Operate and the list of Documents for the Approved Plan (Attachment 1, Part II). Any revisions to the approved plan shall be approved by the Section, prior to implementation. Failure to comply may result in compliance actions or permit revocation.
3. The facility's operational capacity shall be limited to 125,000 tons of yard waste material received for composting per year.
4. This facility shall be operated in such a manner that erosion and runoff from the site shall be controlled. Any leachate generated at the facility and any runoff from the facility shall be managed in such a manner that ground or surface water quality will not be adversely affected. The facility shall be maintained to prevent the accumulation of stormwater or leachate on travel areas or active composting sites.
5. Surface water shall be diverted from all operational and storage areas to prevent standing water in operational areas and under or around storage piles. Water that comes in contact with solid waste shall be contained on-site or properly treated prior to discharge.
6. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act N.C.G.S. 113A-50, et seq., and rules promulgated under 15A NCAC 4.
7. An appropriate Division of Water Quality permit for managing any stormwater or wastewater at the facility shall be maintained as required.

8. Only materials specifically listed in the permit application may be managed at this facility. Before additional materials including feedstocks listed within the permit application as potential waste streams may be added, there must be adequate testing and prior approval by the Division of Waste Management in writing.
9. Composting data from all the active windrows shall be maintained as required to document temperatures, moisture levels, and turning intervals.
10. Incoming wastes shall be mixed to achieve a proper C:N ratio prior to the wastes starting to compost (heat), create odors, or attract vectors. Feedstocks shall not be received that are in an anaerobic state.
11. All compost produced at the facility shall meet the requirements of Rule 15A NCAC 13B .1407 of the Solid Waste Compost Rules and the permit application.
12. Wastes received and product stored shall be maintained in containers or reasonably sized piles with adequate fire breaks and lanes in accordance with the approved operational plans and the pertinent rules.
13. The facility must not cause nuisance conditions.
  - a. Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.
  - b. Control measures must be utilized to minimize and eliminate visible dust emissions and blowing litter.
    - i) Fugitive dust emissions are prohibited.
    - ii) Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary.
  - c. Areas shall be operated and maintained in a manner so as to minimize odors.
14. Upon receipt of an odor complaint, the facility operator shall investigate and take actions as necessary to minimize the cause of the complaint. 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.
15. An odor management plan shall be followed to minimize odors at the facility boundary. In response to a verified offsite odor complaint resulting from the compost windrows, the facility shall immediately cover the odor-generating material with a 6-inch layer of finished compost.
16. Copies of this permit, the approved plans and all records required to be maintained by the permittee must be maintained at the facility, unless otherwise approved by the Section, and made available to the Section upon request during normal business hours.
17. An annual report of facility activities, in accordance with Rule 15A NCAC 13B .1408(c), 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.

## PART II- MISCELLANEOUS SOLID WASTE MANAGEMENT CONDITIONS

### General Conditions

18. Wastes received and product stored shall be maintained in reasonably sized piles with adequate fire breaks and lanes in accordance with the approved operational plans and the pertinent rules.
19. Surface water shall be diverted from all operational and storage areas to prevent standing water in operational areas and under or around storage piles. Water that comes in contact with solid waste shall be contained on-site or properly treated prior to discharge.
20. These areas 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.
21. These areas shall be operated and maintained in a manner so as to minimize odors, prevent the creation of a nuisance, potential health hazard, or a potential fire hazard.
22. Effective vector control measures shall be applied as necessary to control flies, rodents, insects, or vermin.

### Operational Conditions – Treatment & Processing (Wood Grinding)

23. The facility is permitted to operate a treatment and processing facility as defined in 15A NCAC 13B, Rule .0101(49).
24. The facility is permitted to receive land clearing waste as defined in 15A NCAC 13B, Rule .0101(23).
25. The facility is permitted to receive wooden pallets constructed of unpainted and untreated natural wood.
26. The facility is permitted to receive yard trash as defined in 15A NCAC 13B, Rule .0101(55). However, this ground material containing yard trash may not be distributed to the public unless it has been composted in accordance with Rule .1400.
27. The facility must manage the treatment and processing according to the Operation Plan included in Attachment 1, Part II: "List of Documents for the Approved Plan". This document is included in the approved plan. Any revisions to the approved plan shall be approved by the Section, prior to implementation.

*- End of Permit Conditions -*