



North Carolina Department of Environmental Quality

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Governor

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STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WASTE MANAGEMENT - SOLID WASTE SECTION

LARGE TYPE 1 SOLID WASTE COMPOST FACILITY **Permit No. 6012-COMPOST-1991**

Mecklenburg County

is hereby issued a

PERMIT TO OPERATE ***MECKLENBURG COUNTY COMPOST CENTRAL 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 of this permit.

Ellen B. Lorscheider, Section Chief
Solid Waste Section
Division of Waste Management



ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit Issuance	Date	Doc ID
Permit to Operate, Large Type 1 Compost - New	November 12, 1991	n/a
Permit Amendment	August 4, 1992	n/a
Permit Amendment	December 20, 2000	n/a
Permit Amendment	May 31, 2006	n/a
Permit Amendment	February 28, 2012	16159
Permit Amendment	June 29, 2016	26018

- The solid waste facility is located on a parcel owned and operated by the County of Mecklenburg. The County has operated the facility as a Large Type 1 Compost operation since 1991.

PART II: LIST OF DOCUMENTS FOR APPROVED PLAN

- Mecklenburg County Compost Central Permit Application*, prepared by Mecklenburg County, February 18, 2016. Doc ID 26017.

Note: Documents referenced in this permit (e.g., Doc ID xxxxx) can be viewed online from the NCDWM website at: [NCDWM Solid Waste Facility Documents Database](#) .

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Mecklenburg County, NC - Register of Deeds				
<i>Deed Book</i>	<i>Deed Page(s)</i>	<i>Parcel ID</i>	<i>Grantee</i>	<i>Size</i>
03423	0567	14120201	City of Charlotte	60.3 acres

NOTE: The active composting operation area comprises approximately 33 acres within the parcel.

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environmental Quality, 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 shall be implemented in accordance with Attachment 2 of this permit. The Permit to Operate shall expire **May 31, 2021**. 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. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
4. Construction and operation of this solid waste management facility must be in accordance with the Solid Waste Management Rules, 15A NCAC 13B, Article 9 of 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. Failure to comply may result in compliance action or permit revocation.
5. This permit is issued based on the documents submitted in support of the application for permitting the facility identified in “List of Documents for Approved Plan,” which constitutes the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Attachment 3 “Conditions of Operating Permit” shall govern.
6. 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 must 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.
7. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for sedimentation and erosion control, and a General or Individual National Pollutant Discharge Elimination System (NPDES) Stormwater Discharge Permit, if applicable. Issuance of this permit does not remove the permittee’s responsibilities for compliance with any other local, state, or federal rule, or statute.

- End of Section -

ATTACHMENT 2
CONDITIONS OF PERMIT TO CONSTRUCT
[NOT APPLICABLE]

ATTACHMENT 3
CONDITIONS OF OPERATING PERMIT

PART I: COMPOST OPERATION

1. **The Permit to Operate shall expire May 31, 2021.** Pursuant to 15A NCAC 13B .0201(g), no later than February 14, 2021, the permittee must submit a request to the Section for permit review and must update pertinent facility plans.
2. This permit approves the continued operation of the Large Type 1 composting operation. The operation must be conducted in accordance with the approved plans.
3. The facility must be adequately secured by means of gates, chains, berms, fences, or other measures approved by the Section to prevent unauthorized entry.
4. A sign must be maintained at the site entrance providing site information including the permit number, prohibited materials, and emergency contact information.
5. Only materials specifically listed in the permit application may be managed at this facility. **These include yard waste consisting of leaves, limbs, grass clippings, and land clearing debris.** A request must be submitted to receive additional feedstock and may require a permit modification.
6. Feedstock must not be received that are in an anaerobic state.
7. Trash and unacceptable wastes received at the site must be separated from the waste stream and removed from the site for proper disposal, as outlined in the approved Operations Plan.
8. Interior roadways must be of all-weather construction and maintained in good condition. All sides of storage and compost areas for flammable materials must be clear and drivable, to provide vehicular access in the event of a fire.
9. The facility must be operated in a manner that reduces the potential for vector attraction.
10. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 404 of the Clean Water Act, as amended.

11. An appropriate Division of Energy, Mineral and Land Resources (DEMLR) permit for managing any stormwater and/or wastewater at the facility must be maintained, if required. Any leachate generated at the facility and any runoff from the facility must be managed in such a manner that ground or surface water quality will not be adversely affected. The facility must be maintained to prevent the accumulation of stormwater and leachate on composting areas, storage areas, and roads.
12. The compost operation and storage areas must be kept at least 25 feet from onsite drainage ditches, swales and berms to allow for firefighting equipment access.
13. Windrow dimensions for active leaf and yard waste composting shall be limited to a maximum of 15 feet high by 25 feet wide unless otherwise approved by the Division. A 25-foot access shall be maintained between windrows for fire-fighting equipment.
14. Stockpiling of all pre-processed yard waste and leaf litter, and curing and finished compost must be limited to a maximum of 30 feet high and 50 feet wide.
15. Windrow turning must not occur without consulting weather forecasts for favorable conditions including wind direction and precipitation.
16. In the event of a mechanical failure, the facility must immediately use its best effort to utilize substitute equipment for completion of the composting operation.
17. Compost temperature monitoring must be conducted at a frequency adequate to meet the pathogen reduction requirements of Rule .1406 (10). Temperature monitoring data to meet Rule requirements must be maintained in writing, and made available to the Section during business hours. If a temperature test taken to meet the Rule requirements is below 131°F, the time and temperature testing must restart from the beginning.
18. Thermometers used for documenting composting temperatures must be calibrated annually. Documentation of calibration must be kept in the facility records.
19. Compost process data must be maintained as required to document temperatures.
20. Compost or mulch produced from leaves and grass clippings must meet the pathogen reduction requirements of Rule .1406(10).
21. Heat generation in storage piles must be monitored to prevent elevated temperatures that may lead to spontaneous combustion.
22. All compost produced at the facility must meet the Type 1 facility classification and distribution requirements outlined in Rule .1407 of the Solid Waste Compost Rules and the permit application.

23. The compost operation must be operated and maintained with sufficient dust control measures to minimize airborne emissions and to prevent dust from becoming a nuisance or safety hazard. Facility operation must meet Division of Air Quality Rules 15 NCAC 2D. Fugitive dust emissions from the facility that contribute to substantive complaints may subject the facility to the Division of Air Quality requirements as listed in 15A NCAC 2D .0540.
24. The odor management procedures must be followed to minimize odors at the facility boundary (as described in the approved Operations Plan). Upon receipt of an odor complaint, the facility operator must investigate and take action as necessary to minimize the cause of the complaint. A copy of all written complaints regarding this facility must be maintained for the duration of the permit including the operator's actions taken to resolve the complaints.
25. Open burning of solid waste is prohibited. Fires must be reported to the regional environmental senior specialist as soon as possible following the time of occurrence.
26. Groundwater quality at this facility is subject to the classification, monitoring, and remedial action provisions of 15A NCAC 2L. Groundwater monitoring may be required if there is an indication for the potential for groundwater contamination.
27. Copies of this permit, the approved plans and drawings, and all records required to be maintained by the permittee must be maintained at the facility, or another site approved by the Section, and made available to the Section upon request during normal business hours.
28. Record keeping, testing, and reporting shall be conducted in accordance with the requirements outlined in Rule .1408(b) through (d), and the permit application. An annual report of facility activities for the fiscal year July 1 to June 30 must be submitted to the Section by August 1 of each year on forms provided by the Section. This report must include the amount (tons) of materials received, and the amount (tons) processed and/or composted.

- *End of Permit Conditions* -