



North Carolina Department of Environment and Natural Resources

Pat McCrory  
Governor

Donald R. van der Vaart  
Secretary

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

**LARGE TYPE 2 SOLID WASTE COMPOST FACILITY**  
**Permit No. 2102-COMPOST-2015**

Good Earth Horticulture, Inc.

is hereby issued a

**PERMIT TO OPERATE**  
**GOOD EARTH HORTICULTURE**

Located at 2116B Bio-Comp Drive, in Edenton, Chowan 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 No. 1 of this permit.

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

**ATTACHMENT 1**

**PART I: PERMITTING HISTORY**

<b>Permit Issuance</b>	<b>Date</b>	<b>Doc ID</b>
Permit to Operate, Type 2	January 28, 2002	24601
Permit to Operate, Type 2	January 12, 2011	17105
Permit to Operate, Type 2, change in ownership	August 12, 2015	24704

1. In 2002, the compost operation was permitted to Bio-Comp, Inc.
2. In 2015, the facility was purchased by Good Earth Horticulture, Inc. The new owner applied for a permit transfer, and agreed to operate the facility in accordance with the existing approved operating plan, contained in Doc ID 17105.

**PART II: LIST OF DOCUMENTS FOR APPROVED PLAN**

*Note – Documents referenced in this permit (e.g., Doc ID 17105) can be viewed online at the NC Solid Waste Section website in the Documents database.*

1. *Bio-Comp Compost Facility, Type 2 Compost Permit Application.* November 2001.
2. *Bio-Comp Compost Facility, Permit Renewal, Type 2 Compost Permit Application.* January 2007, revised through 2010. Doc ID 17105.
3. *Good Earth Horticulture, Application for Permit Transfer.* March 2015, revised through August 2015. Doc ID 24705.

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

<b>Chowan County, N.C. Register of Deeds</b>			
<b>Book</b>	<b>Page</b>	<b>Grantee (sold to)</b>	<b>Size</b>
474	380	Good Earth Horticulture, Inc.	56 acres

The parcel ID is 782300351621.

**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 Operate shall expire January 12, 2016.

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. 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 Attachment 1, “List of Documents for Approved Plan,” which constitutes the approved plan for the facility. Where discrepancies exist, the most recent submittals and the Conditions of 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 -*

*- End of Section -*

**ATTACHMENT 3  
CONDITIONS OF OPERATING PERMIT**

1. The facility must follow the approved operating plan, approved January 2011, contained in Doc ID 17105, until the operating plan is updated through a permit modification or permit renewal.
2. The Permit to Operate shall expire January 12, 2016. Pursuant to 15A NCAC 13B .0201(g), no later than September 12, 2015, the permittee must submit a request to the Section for permit review and must update pertinent facility 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. A responsible individual trained in facility operations must be onsite during all operating hours of the facility, in accordance with NCGS 130A-309.25.
6. 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.
7. Only materials specifically listed in the permit application may be managed at this facility. The facility is approved to accept pine bark, peanut hulls and cotton gin trash for composting. A request must be submitted to receive additional feedstocks, and may require a permit modification.
8. The total capacity of the site is 80,000 cubic yards of materials received and composted per year. This amount includes the summation of all feedstocks, amendments, and recycled material utilized in the compost process. A permit modification is required for a request to increase capacity.
9. An appropriate Division of Water Resources (DWR) or Division of Energy, Mineral and Land Resources (DEMLR) permit for managing any stormwater and/or wastewater at the facility must be maintained as 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.
10. Feedstocks must not be received that are in an anaerobic state.
11. Thermometers used for documenting composting temperatures must be calibrated annually. Documentation of calibration must be kept in the facility records.

12. Compost temperature monitoring must be conducted at a frequency adequate to meet the requirements of Rule .1406 (11). Temperature monitoring data to meet Rule requirements must be maintained in writing, and made available to the Section during business hours.
13. Windrow dimensions for active composting must be limited to maximum 10 feet high and 22 feet wide, unless otherwise approved by the Section.
14. Stockpiling of all feedstocks, curing, and finished compost must be limited to a maximum of 30 feet high and 50 feet wide.
15. All compost produced at the facility must meet the requirements of Rule .1407 of the Solid Waste Compost Rules and the permit application.
16. Testing of finished compost and reporting must be conducted in accordance with the requirements of Rule .1408 and the permit application. Compost process data must be maintained in writing as required to document temperatures, moisture levels, and aeration intervals. The sample collected for metals analysis is to be a composite sample from subsamples accumulated from each batch produced during the six month period, or 20,000 tons of compost produced, whichever comes first.
17. 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.
18. Odor management procedures must be followed to minimize odors at the facility boundary. 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.
19. Windrow turning must not occur without consulting weather forecasts for favorable conditions including wind direction and precipitation.
20. Effective vector control measures must be applied to reduce the potential for vector attraction.
21. The 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.
22. Trash and unacceptable wastes received at the site must be stored in containers and promptly removed from the site for proper disposal.

23. 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 of materials composted in tons.
24. 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.
25. 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.
26. Open burning of solid waste is prohibited. Fires must be reported to the regional environmental senior specialist with 24 hours of the occurrence, followed by a written report of the details of the fire within 10 days of the occurrence.
27. 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.

- *End of Permit Conditions* -