



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

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Secretary

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

LARGE TYPE 1 SOLID WASTE COMPOST FACILITY
Permit No. 3004-COMPOST-2014

Wallace Farm, Inc.
is hereby issued a

PERMIT TO CONSTRUCT AND OPERATE
DAVIE COUNTY COMPOST FACILITY

Located at Jackson-Lee Drive in Advance, Davie 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.

Michael Scott
Deputy Director
Division of Waste Management

ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit Issuance	Date	Doc ID
Permit to Construct and Operate, Type 1	November 17, 2014	22271

PART II: LIST OF DOCUMENTS FOR APPROVED PLAN

1. *Davie County Compost Facility, Application for Large Type 1 Compost Facility.* September 2014, revised through November 2014. Doc ID 22273.

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Davie County, N.C. Register of Deeds		
Book	Page	Grantee (sold to)
968	392	Team Wallace, LLC
Total Site Acreage: 162 acres		

Note - Davie County Parcel ID No. E60000001001 and PIN 5851443634. The actual composting area consists of approximately 66 acres.

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 shall be implemented in accordance with Attachment 2 of this permit. The Permit to Operate shall expire November 17, 2019. 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 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, regulation or statute.

- End of Section -

ATTACHMENT 2 CONDITIONS OF PERMIT TO CONSTRUCT

1. Construction of the compost facility must be conducted in accordance with the approved plans listed in the approved plan, Doc ID 22273. Any revision or modification to these plans must be submitted to the Section for review and approval prior to implementation of the change, and may be subject to a permitting fee.
2. The initial, substantial, construction authorized by this Permit to Construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment on site, and construction activities including installation of sedimentation and erosion control structures. The permittee may re-apply for the Permit to Construct. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees.
3. Approval by the Section is required prior to use of the mixing pit at the compost facility. The following requirements must be met prior to approval:

- a. Construction must be completed in accordance with the approved plan. Certification by a North Carolina registered professional engineer that the mixing pit was constructed in accordance with the approved plan must be submitted.
 - b. A site inspection must be made by a representative of the Section.
4. A representative of the Section shall notify the permittee by letter or e-mail when the pre-approval conditions have been met for use of the mixing pit. The permittee may begin use of the mixing pit at that time.
 5. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) and consistent with any other local, state or federal requirements.
 6. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The permittee must notify the Section of any sedimentation and erosion control plan modifications.
 7. 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.

- End of Section -

ATTACHMENT 3 CONDITIONS OF OPERATING PERMIT

1. The Permit to Operate shall expire November 17, 2019. Pursuant to 15A NCAC 13B .0201(g), no later than July 17, 2019, the permittee must submit a request to the Section for permit review and must update pertinent facility plans.
2. The facility must be adequately secured by means of gates, chains, berms, fences, or other measures approved by the Section to prevent unauthorized entry.
3. A sign must be maintained at the site entrance providing site information including the permit number, prohibited materials, and emergency contact information.
4. A responsible individual trained in facility operations must be onsite during all operating hours of the facility, in accordance with NCGS 130A-309.25.
5. 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.
6. A 100-foot buffer must be maintained between the onsite well and compost areas.
7. Feedstocks and wastes for composting are limited to yard waste, wood waste, land clearing debris, wood shavings, sawdust, and pallets. Wood material must not contain

- glue, paint, varnish, preservatives, or other chemicals. A request must be submitted to receive additional feedstocks, and may require a permit modification.
8. The total capacity of the site is approximately 200,000 tons of materials received and composted per year. 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. 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.
 12. The 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.
 13. Windrow turning must not occur without consulting weather forecasts for favorable conditions including wind direction and precipitation.
 14. The facility must be operated in a manner that reduces the potential for vector attraction.
 15. The compost operation must include 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.
 16. Trash and unacceptable wastes received at the site must be stored in containers and promptly removed from the site for proper disposal.
 17. Windrow dimensions for active composting must be limited to maximum 15 feet high and 30 feet wide, unless otherwise approved by the Section.
 18. Stockpiling of feedstocks and compost onsite must meet the following:
 - a. Unprocessed yard waste must be limited to a maximum pile size of 30 feet high and 50 feet wide, unlimited length.
 - b. Curing, but not stable compost must be limited to maximum pile size of 30 feet high and 50 feet wide, unlimited length.

- c. Stable compost, that is not undergoing rapid decomposition, has passed PFRP, with temperatures below thermophillic (113° F), must be limited to a maximum pile size of 60 feet high and 200 feet wide, unlimited length.
19. Compost temperature monitoring must be conducted at a frequency adequate to meet the requirements of Rule .1406 (10). Thermometers used for documenting composting temperatures must be calibrated annually. Documentation of calibration must be kept in the facility records.
20. Testing 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.
21. All compost produced at the facility must meet the requirements of Rule .1407 of the Solid Waste Compost Rules and the permit application.
22. 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.
23. 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.
24. 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.
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. 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* -