



North Carolina Department of Environmental Quality
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

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

SOLID WASTE MANAGEMENT FACILITY
Permit No. 92-15

WASTE MANAGEMENT OF CAROLINAS, INC.
(Owner and Operator)

is hereby issued a

PERMIT TO CONSTRUCT

Not Applicable

PERMIT TO OPERATE

9215T-TRANSFER-1994, Waste Management of Raleigh-Durham Transfer Station

PERMIT FOR CLOSURE

Not Applicable

Located in Kitty Hawk Executive Park, 10411 Globe Road, Town of Cary, Wake 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 deed recorded for this property listed in Attachment 1 of this permit.

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

ATTACHMENT 1

GENERAL PERMIT CONDITIONS INFORMATION

Part I General Facility

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 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. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer must contain in the deed description section, in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a solid waste management facility and a reference by book and page to the recordation of the permit.
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 (N.C.G.S. 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.
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 N.C.G.S. 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.

PERMIT TO OPERATE

Permit	Issuance	Expiration
9215T-TRANSFER-1994	June 2, 2016	October 21, 2020

PROPERTIES APPROVED FOR THE SOLID WASTE MANAGEMENT FACILITIES

Wake County Register of Deeds				
Book	Page	Grantor	Grantee	Acres
5948	261	Dillard M. Powell and wife, Anita H. Powell	Waste Management of Carolinas, Inc.	12.0
BM1993	1707	Survey Map		

The transfer station occupies approximately three acres of the property.

Part II Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III Construction and Demolition Landfill Unit(s)

Not Applicable

Part IV Industrial Landfill Unit(s)

Not Applicable

Part V Land Clearing and Inert Debris Landfill Unit(s)

Not Applicable

Part VI Transfer Station/Treatment & Processing Unit(s)

Permitting History

Permit Type	Date Issued	DIN
Permit to Construct (PTC)	January 18, 1994	
Permit to Operate (PTO)	August 29, 1994	
PTO Amendment	August 9, 1995	
PTO Amendment	November 13, 1996	
PTO Amendment	September 16, 2005	
PTO Modification Letter	December 12, 2008	6409
PTO Amendment	October 21, 2010	11884
PTO Modification Letter	April 5, 2011	13480
PTO Amendment (5-yr)	June 2, 2016	26118

List of Documents for the Approved Plan

1. *Solid Waste Transfer Facility Permit Application, Waste Management of Raleigh-Durham, Kitty Airport Executive Park*, Prepared by Rust Environment & Infrastructure, Inc. Raleigh, NC. Received October 26, 1993.
2. Brent Kirchhoff, Waste Management of Raleigh-Durham. Letter to Jim Coffey. Request that an equivalent amount of waste from BFI be transferred to the Sampson County Landfill. No change in permitted volume. August 3, 1995.
3. Mark Kamprath, P.E., Rust Environment & Infrastructure, Inc. Letter to Jim Coffey. Request for approval of revise operations plan to pump and haul wash water rather than using a closed loop recycling system. November 4, 1996.
4. Kenneth Schuster, P.E., Division of Water Quality. Letter to Brent Kirchhoff. Approval to pump and haul wash water to HOH in Winston-Salem. October 22, 1996.
5. Revised Operations Plan approved by the Division of Solid Waste Management, November 11, 1996.
6. Michael Loyd, Waste Management of Raleigh-Durham. Letter to James Barber. Request for Permit Renewal including revised Operations Plan. August 19, 2002.
7. Jim Dail, Waste Management of Carolina, Inc. Letter to Ed Mussler. Request to modify Operations Plan to state wash water will be sent to a permitted facility instead of a specific facility. November 17, 2008.
8. *Request for Permit Amendment, Raleigh-Durham Waste Transfer Facility, Permit No. 95-15T*. Prepared and submitted by Golder Associates NC, Inc., Greensboro, NC, on behalf of

Waste Management of Waste Management of Carolinas, Inc. July 30, 2010. Revised through September 14, 2010. DIN 11415

9. Ed Mussler letter to Shawn Carroll, Waste Management of Carolinas, Inc. approving request to add removal of old corrugated cardboard and other high-value recoverable materials from waste for recycling. March 28, 2011. DIN 13470
10. Permit renewal request for Waste Management of Carolinas, Inc. – Raleigh Durham Transfer Station, Permit No. 92-15T. Prepared and submitted by Waste Management of Carolinas, Inc. July 25, 2015. Revised through April 26, 2016. DIN 26117.

Part VII Miscellaneous Solid Waste Management

Not Applicable

- End of Section -

ATTACHMENT 2

CONDITIONS OF PERMIT TO CONSTRUCT

Not Applicable

-End of Section-

ATTACHMENT 3

CONDITIONS OF PERMIT TO OPERATE

Part I: General Facility

1. The facility must be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Section to prevent unauthorized entry.
2. Signs must be posted at the entrance to the facility that state that no hazardous waste or liquid waste can be received at the facility; and provide information on dumping procedures, the hours of operation, the permit number, contact name, telephone number, and other pertinent information. Traffic signs or markers must be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
3. Interior roadway must be of all-weather construction and maintained in good condition.
4. A responsible individual trained and certified in facility operations must be on-site at all times during all operating hours of the facility, in accordance with N.C.G.S. 130A-309.25. An attendant must be present to oversee the loading and unloading of waste.
5. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility and made available to the Section upon request during normal business hours.
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. The Section must be notified of any approved modifications to the sedimentation and erosion control plan.
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 4040 or the Clean Water Act, as amended.
8. Fire lanes must be established and maintained at all times. The dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.
9. Open burning of solid waste is prohibited. Fires must be reported to the regional waste management specialist with 24 hours of the occurrence, followed by a written notification within 15 calendar days of the occurrence.
10. Financial assurance as required by state rules and statutes must be continuously maintained for the duration of the facility and updated and submitted annually to the Section by the anniversary date of the issuance of this permit.

Part II: Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III: Construction and Demolition Debris Landfill Unit(s)

Not Applicable

Part IV: Industrial Landfill Unit(s)

Not Applicable

Part V: Land Clearing and Inert Debris Landfill Unit(s)

Not Applicable

Part VI: Transfer Station / Treatment and Processing Unit

1. The permit to operate shall expire October 21, 2020. Pursuant to 15A NCAC 13B .0201(c) and .0206(a), no later than April 21, 2020, the permittee must submit a request to Section for a permit amendment and must update pertinent facility plans including, but not limited to, the facility plan, operation plan and waste screening plan.
2. The facility is permitted to receive solid waste as defined in N.C.G.S. 130A – 290 (a) (35).
3. The following, at a minimum, must not be accepted for disposal at the facility: hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, regulated-asbestos containing material as defined in 40 CFR 61, PCB waste as defined in 40 CFR 761. Wastes banned from disposal in North Carolina by N.C.G.S. 130A-309.10(f) must not be transferred for landfill disposal.
4. This facility is permitted to receive solid waste generated within Alamance, Chatham, Durham, Franklin, Granville, Johnston, Orange, Vance, Wake, and Wayne Counties. Waste transported for disposal must go to Sampson County Disposal (Permit Number 8202-MSWLF-2000) in Roseboro. Changes to the service area and/or the disposal facility must be approved by the Section and will constitute a permit modification and may be subject to a permitting fee.
5. The permittee must not knowingly dispose of, or accept for transfer for subsequent disposal, municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:
 - a. Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.

- b. Requires generators or collectors of municipal solid waste to recycle that type or form of municipal solid waste.
6. The permittee must develop, and use, a training and screening program at the facility for detecting and preventing unauthorized wastes from being accepted at the facility. At a minimum, the program must include:
 - a. Random inspections of incoming loads or other comparable procedures.
 - b. Records of all inspections
 - c. Training of personnel to recognize hazardous, liquid and other excluded waste types.
 - d. Development of a contingency plan to properly manage any identified hazardous, liquid, or other excluded or unauthorized wastes. The plan must address identification, removal, storage and final disposition of these wastes.
7. The facility must not cause nuisance conditions.
 - a. The tipping floor and transfer trailer loading area must be maintained in a clean, sanitary condition at all times and must be cleaned at least daily in accordance with the approved Operational Plan.
 - b. Waste must only be deposited on a tipping floor or directly into a transfer container. Waste must not be stored on the tipping floor after operating hours.
 - c. Waste may be stored on-site, in transfer trailers, designed and maintained to be leak resistant in accordance with industry standards for a maximum of 24 hours except that a minimal amount of waste may be stored for a maximum of 72 hours when the facility is closed during a weekend or holiday. Storage of the waste must not cause any nuisance, such as odor or attraction of vectors.
 - d. Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.
 - e. 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.
8. All water that comes in contact with solid waste, including vehicle wash-down water, is leachate and must be captured and properly treated before release to the environment.
 - a. The leachate control system, such as floor drains, leachate collection devices, sanitary sewer connections and leachate storage tanks, must be operational during facility operations.

- b. The tipping floor must drain away from the building entrance and into the leachate collection system.
9. The permittee must maintain a record of the amount of solid waste received at the facility and transferred out of the facility, including daily records of waste received and origins of the loads. Scales must be used to weigh waste. The daily records are to be summarized into a monthly report for use in the required annual reports.
 10. On or before August 1 annually, the Permittee must submit an annual facility report to the Solid Waste Section, on forms prescribed by the Section.
 - a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
 - b. The annual facility report must list the amount of waste received in tons and be compiled:
 - i) On a monthly basis.
 - ii) By county, city or transfer station of origin.
 - iii) By specific waste type.
 - iv) By receiving disposal facility.
 - v) By diversion to alternative management facilities.
 - c. The completed report must be forwarded to the Regional Environmental Specialist for the facility by the date due on the prescribed annual facility report form.
 - d. A copy of the completed report must be forwarded to each county manager for each county from which waste was received at the facility. Documentation that a copy of the report has been forwarded to the county managers must be sent to the Regional Environmental Specialist by the date due on the prescribed annual facility report form.

Part VII: Miscellaneous Solid Waste Management

1. Recyclable materials may be removed from the waste stream on the tipping floor as described in the approved operation plan.
2. Recovered material, as defined by N.C.G.S. §130A-290(a) (24) means a material that has known recycling potential, can be feasibly recycled, and has been diverted or removed from the solid waste stream for sale, use, or reuse. Recovered material shall be managed as a valuable commodity in a manner consistent with the desired use or end use, and all of the following conditions shall be met:
 - a. Seventy-five percent (75%), by weight or volume, of the recovered material stored at the facility at the beginning of a calendar year commencing January 1, shall be removed from the facility through sale, use, or reuse by December 31 of the same year.

- b. The recovered material or the products or by-products of operations that process recovered material shall not be discharged, deposited, injected, or dumped, spilled, leaked, or placed into or upon any land or water so that the products or by-products or any constituent thereof may enter other lands or be emitted into the air or discharged into any waters including groundwaters, or otherwise enter the environment or pose a threat to public health and safety. Facilities that process recovered materials shall be operated in a manner to ensure compliance with this requirement.
- c. The recovered material shall not be a hazardous waste or have been recovered from a hazardous waste.
- d. The recovered material shall not contain significant concentration of foreign constituents that render it unserviceable or inadequate for sale, or its intended use or reuse.

-End of Permit Conditions-