



North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Pat McCrory  
Governor

Linda M. Culpepper  
Director

John E. Skvarla, III  
Secretary

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

**SOLID WASTE MANAGEMENT FACILITY**  
**Permit No. 32-12**

CITY OF DURHAM (Owner)  
WASTE INDUSTRIES, LLC (Operator)  
(a wholly-owned subsidiary of Waste Industries USA Inc.)

is hereby issued a

**PERMIT TO CONSTRUCT**  
3212-TRANSFER-2014, City of Durham Transfer Station

**PERMIT TO OPERATE**  
3212-TRANSFER-2014, City of Durham Transfer Station

**PERMIT FOR CLOSURE**  
*Not Applicable*

Located at 2115 East Club Boulevard, in Durham, Durham 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 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. The Permit to Operate for this facility issued August 28, 2013, was recorded in the Durham County Register of Deeds on October 18, 2013, in Deed Book 7382, Pages 943-953. (DIN 20712)
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 (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.
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
3212-TRANSFER-2014	October 7, 2014	October 7, 2019

**PROPERTIES APPROVED FOR THE SOLID WASTE MANAGEMENT FACILITIES**

Durham County Register of Deeds				
Book	Page	PIN	Grantee	Acres
80	111	0843-01-18-1935	City of Durham	68.914
107	194	0843-01-10-5025	City of Durham	54.483
1620	502	0842-01-29-9290	City of Durham	12.837

Several facilities, in addition to the transfer station, are located on the properties and are described in the approved operation plan.

**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)	December 9, 1997	
Permit to Operate (PTO)	May 12, 1999	
PTO Modification	July 25, 2001	
PTO Amendment (5-yr)	April 28, 2005	
PTO Modification	December 18, 2006	712
PTO Modification	June 12, 2009	7666
PTO Amendment (5-yr)	April 12, 2010	10317
PTO Modification	August 28, 2013	19301
PTC Substantial Amendment	October 7, 2014	21770

1. On July 25, 2001, a modification was made to the Permit to Operate for the installation and operation of a pre-load compactor.
2. On December 18, 2006, a modification was made to the Permit to Operate for the receipt of yard waste, mulch and compost.
3. On June 12, 2009, a modification was made to the Permit to Operate for the transfer of recycling material.
4. On August 28, 2013, a permit modification to the Permit to Operate was issued which included a change in operator (Waste Industries, LLC), the removal of the pre-load compactor, a change in disposal facilities, and the transfer of comingled recyclables.
5. On October 7, 2014, a substantial permit amendment was issued for the construction of a second transfer building.

*List of Documents for the Approved Plan*

1. *City of Durham Transfer Station Operations Plan.* Prepared by the City of Durham. Revised April 1, 2010. DIN 10316
2. *City of Durham Transfer Station Operations Plan.* Prepared by the City of Durham and submitted by Chris Marriott, City of Durham, Disposal Manager. June 19, 2013. Received June 28, 2013. Revised through August 27, 2013. DIN 19179.
3. *Permit Application Package. City of Durham Transfer Station.* Prepared by Barnard Engineering, P.C. Received August 20, 2004. Revised through September 11, 2014. DIN 21656.

**Part VII Miscellaneous Solid Waste Management**

*Not Applicable*

- End of Section -

## ATTACHMENT 2

### CONDITIONS OF PERMIT TO CONSTRUCT

#### **Part I: General Facility**

1. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans included in Attachment 1, List of Documents for the Approved Plan.
2. Modification or revision of the approved plans or changes during construction require approval by the Section and may constitute a permit modification and be subject to a permitting fee.
3. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50, et seq., and rules promulgated under 15A NCAC 4. The facility must furnish a copy of the approved Sedimentation and Erosion Control Plan from the NC Division of Energy, Mineral and Land Resources, Land Quality Section, to the Solid Waste Section.
4. Modifications to the approved sedimentation and erosion control activities require approval by the NC Division of Energy, Mineral and Land Resources, Land Quality Section. The Solid Waste Section must be notified of any modifications.
5. Facility construction 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 requirement under Sections 401 and 4040 of the Clean Water Act, as amended.

#### **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)**

6. Construction of the transfer station must commence with 18 months of issuance of this permit. If construction of the facility and operational approval is not completed within 18 months, the permittee must submit a request to reissue the Permit to Construct and Operate, and pay a transfer station permit modification fee. The facility design and operation plan shall be subject to and shall comply with the rules in effect at the time.
7. Approval to operate by the Section is required prior to the commencement of operations and acceptance of waste at the transfer facility. The following requirements must be met prior to issuance of an approval to operate:
  - a. A site inspection must be made by a representative of the Section. It is the permittee's responsibility to contact the Section and request the inspection.
  - b. A certification letter stating that the facility was constructed in accordance with the approved plan must be submitted to the Section by the project engineer. The engineer issuing the certification must be a North Carolina registered engineer.
8. A representative of the Section will notify the Permitting Branch Supervisor in writing, either by letter or email, after the conditions in Attachment 2, Part VI, Item 7 have been met. The owner and operator will be copied on the correspondence. The notification will service as permission to operate the transfer station as of the date of the notification. A copy of the notification must be kept as part of the permanent record.
9. Two paper copies of the construction record (as-built) drawing, and one electronic copy, must be submitted to the Section within 30 days of certification of construction by the project engineer.

**Part VII Miscellaneous Solid Waste Management**

*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 NCGS 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, NCGS 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 7, 2019. Pursuant to 15A NCAC 13B .0201(c) and .0206(a), no later than April 7, 2019, 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 NCGS 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, and wastes banned from disposal in North Carolina by NCGS 130A-309.10(f).
1. This facility is permitted to receive solid waste generated within Durham, Chatham, Granville, Orange, Person, and Wake Counties. Waste must be transported for disposal to Sampson County Disposal (Permit Number 8202-MSWLF-2000) in Roseboro, North Carolina; Uwharrie Environmental Landfill (Permit Number 6204-MSWLF-1995) in Mount Gilead, North Carolina; or Brunswick Municipal Solid Waste Landfill (Permit No. 583) in Lawrenceville, Virginia. 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.
4. The facility is designed to transfer 650-1,100 tons per day of waste. The estimated annual tonnage for the facility is 124,000 tons of MSW, however, the facility may accept up to 200,000 tons per year.

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**

### *General Conditions*

11. 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.

12. 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.
13. 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.
14. 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.
15. Effective vector control measures shall be applied as necessary to control flies, rodents, insects, or vermin.

*Operational Conditions – White Goods*

16. The facility is permitted to receive white goods as defined in NCGS 130A-290(44).
17. The facility must manage white goods according to the Operation Plan included in Attachment 1, Part VI, List of Documents for the Approved Plan.
18. The facility must manage white goods according to all applicable statutes and rules of the State of North Carolina.
19. White goods collection areas shall provide for the proper removal of chlorofluorocarbon refrigerants.

*Operational Conditions – Tires*

20. The facility is permitted to receive tires and scrap tires as defined in NCGS 130A-309.53(6) & (7).
21. Scrap tire collection areas shall be operated in accordance with the requirements of 15A NCAC 13B, Rule .1107.
22. The facility must manage tires according to the Operation Plan included in Attachment 1, Part VI, List of Documents for the Approved Plan.
23. The facility must manage tires according to all applicable statutes and rules of the State of North Carolina.

**- End of Permit Conditions -**