



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

Pat McCrory
Governor

Linda M. Culpepper
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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. 92-27

REPUBLIC SERVICES OF NORTH CAROLINA, LLC (OPERATOR)
(a wholly-owned subsidiary of Republic Services, Inc.)

And

DYNASTY HOLDINGS, LLC (LANDOWNER)

are hereby issued a

PERMIT TO CONSTRUCT

Not Applicable

PERMIT TO OPERATE

9227T-TRANSFER-2012, Raleigh Transfer Station

PERMIT FOR CLOSURE

Not Applicable

Located at 5565 Thornton Road (SR 2043), in north Raleigh, 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 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 September 24, 2012, was recorded in the Wake County Register of Deeds on October 18, 2012, in Deed Book 14977, page 2175.
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	Status	Issuance	Limited Review	Expiration
9227T-TRANSFER-2012	Active	July 14, 2014	September , 2019	September 5, 2024

PROPERTIES APPROVED FOR THE SOLID WASTE MANAGEMENT FACILITIES

Wake County, N.C. Register of Deeds					
Book	Page	Grantee	Grantor	Tract	Parcel No.
Book of Maps 2007	2838	Recombination Plat New Lot 3 Area			173 842 9684
13204	806-808	Dynasty Holdings, LLC	Dynasty Holdings, LLC	3	173 842 9684
14803	2333-2339	Memorandum of Lease between Dynasty Holdings, LLC and Republic Services of North Carolina, LLC (June 14, 2012 - DIN 17023)			
					Total Site Acreage: 9.849

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	Document ID
Original Permit to Construct (PTC)	February 12, 2001	
Original Permit to Operate (PTO)	March 5, 2001	
PTC Modification – Sorting area added	May 19, 2003	
PTO Amendment – 5-yr renewal	September 16, 2005	4495
PTC and PTO - Thornton Road Mixed Waste Transfer and Recycling Center	September 4, 2008	5461
PTC and PTO – permit reissuance	February 26, 2010	9256
PTO – Change in Ownership	September 24, 2012	17161
PTO – Modification	September 10, 2013	19094
PTO – Amendment (10-yr)	July 14, 2014	21365

1. From 1988 to 1999, the Neuse Landfill operated on this property as a permitted Land-Clearing and Inert Debris landfill (LCID) with Lemuel H. Thornton, as landowner, and Neuse Landfill, Inc., as operator. A notification that the landfill closure was in compliance with all closure requirements was issued on February 8, 1999, by Wake County Solid Waste Management. The operation was permitted as 92-T (DENR) and 98-001 (Wake County).
2. In 2001, Permits to Construct and to Operate a Construction and Demolition Debris (C&D) transfer station on this property were issued to Lemuel H. Thornton, landowner, and PCM Construction, operator, as Permit No. 92-27T. The facility, PCM North Raleigh C&D Transfer Facility, was approved to receive new construction debris only.
3. In November 2006, the property was sold from Lemuel H. Thornton to Dynasty Holdings, LLC and recorded in Book 12249, Pages 225-227 in the Wake County Register of Deeds. PCM Construction continued as operator until December 31, 2007.
4. In December 2007, an application to construct and operate a new transfer facility was submitted by Shotwell Transfer Station, Inc. The application requested approval of a new transfer facility building, including both a C&D transfer facility, with sorting of recyclables, and a municipal solid waste (MSW) transfer facility.
5. Subsequent to the purchase of the facility, Shotwell Transfer Station, Inc. submitted information and documentation to the Solid Waste Section to apply for the permit to operate the facility to be re-issued to Dynasty Holdings, LLC and Shotwell Transfer Station, Inc. Both Dynasty Holdings, LLC and Shotwell Transfer Station, Inc. are owned by David W. King, Jr. During this period, Shotwell Transfer Station, Inc. continued to operate the C&D transfer station as previously permitted to PCM Construction.
6. In September 2008, a PTC and PTO were issued to Dynasty Holdings, LLC and Shotwell Transfer Station. The facility name was changed to Thornton Road Mixed Waste

Transfer and Recycling Center. The facility permit allows the construction and operation of a transfer facility for both C&D waste and MSW.

7. Republic Services of North Carolina, LLC submitted a request to change the name of the operator on July 17, 2012 (DIN 17021). Copies of a lease agreement with Dynasty Holdings, LLC, an asset purchase agreement, and a transition operating agreement were provided. The permit to operate issued in September 2012 reflects the change in operator.
8. Republic Services of North Carolina, LLC, submitted a permit modification request on March 8, 2013. The request included a change in the name of the facility to Raleigh Transfer Station.
9. Republic Services of North Carolina, LLC, submitted a permit amendment request for continued operation on April 23, 2014. The request was for a 10-yr permit amendment.

List of Documents for the Approved Plan

1. *Permit to Construct Application and Operations Plan, PCM North Raleigh Transfer, Raleigh, North Carolina.* Prepared by: Bass, Nixon and Kennedy, Inc., Raleigh, NC. Prepared for PCM Construction. Dated January 11, 2001.
2. Site plan for the PCM North Raleigh transfer station. Prepared by Bass, Nixon and Kennedy, Inc., Raleigh, NC. December 11, 2000. Revised February 13, 2001.
3. Site plan for PCM North Raleigh transfer station. Prepared by Bass, Nixon and Kennedy, Inc., Raleigh, NC. Dated December 11, 2000. Revised February 1, 2001 and March 26, 2003. Revision addressed the addition of a sorting area for the management of clean lumber, metal, cardboard and designated areas for inert debris.
4. *Permit Application for Thornton Road Mixed Waste Transfer and Recycling Center, Raleigh, North Carolina.* Prepared by: Richardson Smith Gardner and Associates, Raleigh, NC. Prepared for: Shotwell Transfer Station, Inc., Raleigh, NC. December 14, 2007. Revised June 3, 2008, July 18, 2008, and July 23, 2008.
5. *Application for Permit Reissuance, Thornton Road Mixed Waste Transfer and Recycling Center.* December 21, 2009. Doc ID 9245.
6. Letter from Stacey A. Smith, P.E., Richardson Smith Gardner and Associates, Raleigh, NC. Construction Documentation and Certification. October 18, 2010. Doc ID 11881.
7. *Operation Plan for Sorting Tear-off Shingles for Recycling.* Prepared by Shotwell Transfer Station, LLC, Youngsville, NC. December 9, 2011. Approved July 23, 2012. Doc ID 16945.
8. Request for change in operator. Prepared by Republic Services of North Carolina, LLC. July 17, 2012. Doc ID 17021.

9. Permit Modification Request. Prepared by Republic Services of North Carolina, LLC. March 8, 2013. Revised through September 3, 2013. Doc ID 19072.
10. Permit Amendment Request. Raleigh Transfer Station. Prepared by Republic Services of North Carolina, LLC. April 23, 2014. Doc ID 21010.

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)

Not Applicable

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 September 5, 2024. Pursuant to 15A NCAC 13B .0201(c) and .0206(a), no later than March 5, 2024, 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. Pursuant to NCGS 130A-294(a2) and 15A NCAC 13B .0206(b), the Permit to Operate is subject to a limited review by September 5, 2019. The permittee must request the five-year limited review on or before March 5, 2019. A five-year limited review of a 10-yr permit includes review of the operations plan, closure plan, post-closure plan, financial assurance cost estimates, environmental monitoring plans, and any other applicable plans for the facility.
3. The transfer facility is permitted to receive the following waste types:
 - a. "Municipal solid waste" as defined in NCGS 130A -290(a)(18a).
 - b. "Construction or demolition debris" as defined in G.S. 130A-290 (a)(4) means solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures. C&D waste does not include municipal and industrial wastes that may be generated by the on-going operations at buildings or structures.
 - c. "Inert debris" as defined in G.S. 130A-290 (a)(14) means solid waste that consists solely of material such as concrete, brick, concrete block, uncontaminated soil, rock, and gravel.
 - d. "Land-clearing debris" as defined in G.S. 130A-290 (a)(15) means solid waste that is generated solely from land-clearing activities, such as stumps, trees, limbs, brush, grass, and other naturally occurring vegetative material.
 - e. "Asphalt" in accordance with G.S. 130-294(m).

4. 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). Barrels and drums must not be accepted unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
5. Wastes listed in 15A NCAC 13B .0542(e) must not be transfer to a C&D landfill for disposal.
6. This facility is permitted to receive solid waste generated within Wake, Johnston, Durham, Granville, Franklin, Nash, Harnett, Lee, Chatham, and Orange counties. Waste must only be transported to facilities whose service area includes the generation source. Proposed changes to the service area and/or the disposal facilities must be approved by the Section, are considered a modification to the permit, and may be subject to a permitting fee.
 - a. MSW waste must be transported to one of the following landfills for disposal: Upper Piedmont Regional Landfill located in Rougemont, Permit Number 73-04; East Carolina Regional Landfill located in Aulander, Permit Number 08-03; Uwharrie Environmental Regional Landfill, Permit Number 62-04; Brunswick Waste Management Facility, located in Lawrenceville, VA, Permit Number SWP583; South Wake MSW Landfill, located in Holly Springs, Permit Number 92-22; or Sampson County Disposal Landfill located in Roseboro, Permit Number 82-02.
 - b. C&D waste must be transported to one of the following landfills for disposal: Shotwell C&D Landfill located in Wendell, Permit Number 92-26; Upper Piedmont Regional Landfill in Rougemont, Permit No. 73-04; East Carolina Regional Landfill located in Aulander, Permit Number 08-03; Uwharrie Environmental Regional Landfill, Permit Number 62-04; Material Recovery C&D Landfill located in Raleigh, Permit Number 92-31; Red Rock Disposal C&D Landfill located in Holly Springs, Permit Number 92-28; or Brunswick Waste Management Facility, located in Lawrenceville, VA, Permit Number SWP583.
7. 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.
8. 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.
9. 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.
10. 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.
11. The permittee must maintain a record of the amount of solid waste received at the facility, including daily records of waste received and origins of the loads. The permittee must maintain a record of the amounts of waste transported out of the facility for disposal, amounts of materials transported out of the facility for recovery and recycling, and amounts of waste or material with any other final disposition, to be compiled on a monthly basis. 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, to include a comparison of incoming versus outgoing amounts.
12. 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. The following are approved for recycling: clean wood (non-treated, unpainted wood excluding engineered or glued wood products such as particle board or glue laminated timbers); pallets; cardboard, brick and block (undamaged and unpainted); concrete; metal (ferrous and non-ferrous); electronics; tear-off asphalt shingles and curbside recyclable.
2. Recyclables must be placed in containers and removed from the site once the container is full. Recyclables must not be stored onsite longer than one year.

3. Cardboard and metal may be removed from waste placed on the tipping floor. No other separation of recyclables from waste at the facility is allowed. All recyclables, except for inert debris, must be stored in containers/trailers by the end of each operating day in accordance with the latest approved operation plan.
4. Asphalt shingle recovery is approved for operation in accordance with the *Operation Plan for Sorting Tear-off Shingles for Recycling* found in the approved facility operation plan.
5. Processing of materials, shredding, or grinding must not take place at the facility unless approval has been granted under the special use permit and a revised operations plan has been submitted to the Section.

- End of Permit Conditions -