



Facility Permit No. 4204-Transfer-2012
Halifax County Transfer Station
Permit to Construct and Operate
June 15, 2012
Doc ID 16757
Page 1 of 13

North Carolina Department of Environment and Natural Resources
Division of Waste Management
Dexter R. Matthews
Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

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

SOLID WASTE MANAGEMENT FACILITY
Permit No. 4204-Transfer-2012

HALIFAX COUNTY (OWNER AND OPERATOR)
Is hereby issued a

PERMIT TO CONSTRUCT AND OPERATE

HALIFAX COUNTY TRANSFER STATION
A MUNICIPAL SOLID WASTE TRANSFER FACILITY

Located at Halifax County Landfill, 921 Liles Road, Littleton, Halifax County, North Carolina, 27850 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 1, Part III of this permit.

cn=Edward F. Mussler III, P.
E., o=Solid Waste Section,
ou=NC DWM, email=ed.
mussler@ncdenr.gov, c=US
2012.06.15 14:10:52 -04'00'

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

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ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit Type	Date Issued
Halifax County MSW Landfill 4204-MSWLF-1981	Unlined MSWLF permitted to receive waste starting in 1981 and ending in 1997.
Halifax County C&D Landfill 4204-CDLF-1998 (C&D on top of closed MSW)	Began receiving C&D waste in 1997. Most recent PTO issued March 25, 2011.
Halifax County Coal Ash Landfill 4204-INDUS-1994	Began receiving coal ash in 1994. Most recent PTO issued March 27, 2012.
Halifax County Transfer Station 4204T-Transfer-2012	PTC/PTO issued June 15, 2012

- Halifax County, North Carolina currently owns and operates a landfill facility on Liles Road near Littleton, NC. The total area of the Halifax County Landfill facility consists of 240.53 acres. The landfill is permitted under NC Solid Waste Section Permit 4204 for the disposal of construction and demolition (C&D) debris and the disposal of coal combustion products, in separate disposal areas. The County also conducts several other solid waste management activities such as wood waste processing, white goods handling, storage of used pesticide containers, storage of used tires, and storage of electronic waste.
- From 1981 through December 1997, the landfill was permitted under 4204-MSWLF-1981 to receive municipal solid waste (MSW). The MSW was disposed in one unlined disposal unit. Approximately 900,000 tons of MSW was disposed in the landfill, which has a total waste footprint of 24 acres. The MSW was closed in accordance with NC Solid Waste Management Rules.
- The landfill has continued to operate since 1997 as a C&D landfill (Area 1 disposal unit). The Area 1 C&D disposal unit is a vertical expansion over the MSW disposal unit and has a waste footprint of approximately 6.5 acres.
- Beginning in May 1994, the County has operated a lined monofill for the disposal of coal combustion by-products (residuals including fly ash, bottom ash, boiler slag, and flue gas desulfurization (FGD) residue produced by coal-fired electrical or steam generation units) and minor amounts of coal fines. Cell 1 (12 acres) was constructed in 1993-1994. Cell 2 (9 acres) was constructed in 1998-1999. The liner system for the ash monofill consists of a geomembrane installed over prepared on-site subgrade soils.

- In February 2012, an application to construct and operate a new MSW transfer station was submitted by Richardson Smith Gardner & Associates on behalf of Halifax County.

PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

- Permit Application for Halifax County Transfer Station.* Prepared by Richardson Smith Gardner & Associates, January 2012, revised May 2012, finalized June 2012.

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Halifax County NC Register of Deeds

Book	Page	Property Owner	Acres
1131	298	Halifax County	210.53
1501	548		
1501	551		
1523	77		
Plat Cabinet 4	Slide 72		
Plat Cabinet5	Slide 197		
Map Book 10	Page 41		
Map Book 6	Page 83		
1649	602-604		
			Total Facility Acreage = 240.53

*Note – The total facility property is 240.53 acres, but the actual area used for the MSW transfer station is 3.7 acres, as shown on the approved drawings.

PART IV: GENERAL PERMIT CONDITIONS

- 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 Rules 15A NCAC 13B .0201 (c) and .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 June 15, 2018. The Permit to Operate shall be implemented in accordance with Attachment 3 of this permit.
- The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.

3. This permit shall not be effective until the certified copy of this permit which references legal descriptions for all land within the solid waste management facility boundary is recorded in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land in the county or counties in which the land is located. The certified copy of the permit, affixed with the Register's seal and the date, book, and page number of recording must be returned to the Section within 30 calendar days of issuance of this permit. If the Section does not receive the certified copy of the recorded permit within 30 calendar days of issuance of the permit, then and in that event, the permit is suspended and of no effect until the date the Section receives the certified copy of the recorded permit
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 municipal solid waste (MSW) transfer station and a reference by book and page to the recordation of the permit.
5. By beginning construction or receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. 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. 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 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.
9. 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

PART I: FACILITY SPECIFIC CONSTRUCTION CONDITIONS

1. Pursuant to the NC Solid Waste Management Rules (Rules) 15A NCAC 13B .0201(c) and (d)(1), this permit approves construction of the MSW transfer station.
2. The transfer facility construction conditions listed in this part of the permit, Attachment 2, Part I, are in effect for 18 months following the issuance date of this permit. If construction of the transfer facility and pre-operational approval is not completed within the 18 months, the permittee shall 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 that time.
3. Construction of the transfer facility must be conducted in accordance with the approved plans listed in Attachment 1, Part II, Document 1. Any revision or modification to these plans must be submitted to the Section for review and approval prior to installation, construction or implementation of the change, and may be subject to a permitting fee.
4. 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 facility must furnish a copy of the approved Sedimentation and Erosion Control Plan from the NC Division of Land Resources to the NC Solid Waste Section prior to earth disturbing activities and/or commencement of construction.
5. An approval to operate by the Section is required prior to commencement of operations at the MSW transfer facility. The following requirements must be met prior to issuance of an approval to operate:
 - a. Construction must be completed in accordance with the approved plan. A certification letter stating that the facility and related infrastructure was constructed in accordance with the approved plan must be submitted to the Section by the Project Engineer who must be a North Carolina registered professional engineer.
 - b. One electronic copy (pdf) of the construction record (as-built) drawings must be submitted to the Section for filing and records.

- c. A site inspection must be made by a representative of the Section.
- 6. A representative of the Section shall notify the Permitting Branch Supervisor by letter or e-mail when the above pre-operative conditions have been met. The permittee will be copied on the correspondence. The notification shall serve as authorization to begin operating.
- 7. The permittee must comply with any driveway and road improvements as required by the Department of Transportation, and in accordance with N.C. G. S. 13A 295.5

- End of Section-

ATTACHMENT 3
CONDITIONS OF PERMIT TO OPERATE

PART I: OPERATING CONDITIONS

1. The Permit to Operate shall expire June 20, 2018 Pursuant to 15A NCAC 13B .0201(g), no later than December 20, 2017, the permittee must submit a request to the Section for permit review and must update pertinent facility plans including, but not limited to, the facility operation plan and waste screening plans.
2. The transfer facility is permitted to receive "Municipal solid waste" as defined in NCGS 130A-290 (a)(18a) and means any solid waste resulting from the operation of residential, commercial, industrial, governmental, or institutional establishments that would normally be collected, processed, and disposed of through a public or private solid waste management service. Municipal solid waste does not include hazardous waste, sludge, industrial waste managed in a solid waste management facility owned and operated by the generator of the industrial waste for management of that waste, or solid waste from mining or agricultural operations.
3. Those wastes listed in 15A NCAC 13B .1626 (1)(b-e) are prohibited from disposal at a MSW transfer station and include at a minimum 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 G.S. 130A-309.10(f).
4. This facility is permitted to receive municipal solid waste generated within Halifax County. 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 for disposal to the East Carolina Regional Landfill in Bertie County, NC, Permit Number 0803-MSWLF-1993 or the Brunswick Waste Management Facility in Lawrenceville, VA.
5. The permittee must not knowingly dispose of, or accept for transfer for subsequent disposal, MSW that is generated within the boundaries of a unit of local government that by ordinance:

- a. Prohibits generators or collectors of MSW from disposing of that type or form of solid waste.
 - b. Requires generators or collectors of MSW to recycle that form of solid waste.
6. 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 G.S. 130A-309.25. An attendant must be present to oversee the loading and unloading of waste.
7. The permittee must develop and implement 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, asbestos or other excluded or unauthorized wastes. The plan must address identification, removal, storage and final disposition of these wastes.
8. 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.
9. Interior roadways must be of all-weather construction and maintained in good condition.
10. 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 that provide information on dumping procedures, the hours of operation, the permit 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.
11. Open burning of solid waste is prohibited. Fires must be reported to the Regional Waste Management Specialist within twenty-four (24) hours of the occurrence with a written notification to be submitted within fifteen (15) calendar days of the occurrence. Fire lanes must be maintained and passable at all times. Dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.

12. 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 Operation Plan.
 - b. Effective vector control measures must be applied at all times to control any potential vectors including flies, rodents, insects, and other vermin.
 - c. Control measures must be utilized to minimize and eliminate visible fugitive dust emissions and blowing litter. Windblown materials must be collected by the end of the day and no windblown material may be allowed to leave the facility boundary.
13. MSW must only be deposited on the tipping floor or directly into a transfer container in accordance with the approved Operation Plan. Waste must not be stored on the tipping floor after operating hours.
14. Any waste stored on site after operating hours must be stored in leak-proof transfer trailers, with watertight covers, a maximum of 24 hours. However, a minimal amount of waste may be stored for a maximum of 48 hours when the facility is closed during a weekend and a maximum of 72 hours when closed for a weekend holiday. Storage of the waste must not cause any nuisance, such as odor or attraction of vectors.
15. All water or liquid 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. The leachate control system, such as floor drains, leachate collection devices, sanitary sewer connections, and leachate storage tanks, must be operational during facility operations. The tipping floor must drain away from the building entrance and into the leachate collection system. Incoming waste must not be unloaded onto any uncovered tipping area during rainfall events. Waste must not be placed in ponded water.
16. 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.
17. Facility construction, operations, and 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.

18. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility, unless otherwise approved by the Section, and made available to the Section upon request during normal business hours.
19. 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 identify MSW that is "commercial solid waste" or industrial solid waste" as defined in 15A NCAC 13B .1602 in the records. Scales must be used to weigh the amount of waste received. The permittee must maintain a record of the amounts of waste transported out of the facility for disposal and amounts of waste or material with any other final disposition to be compiled on a monthly basis. 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.
20. Waste source summaries for each outgoing truckload must be maintained, as described in Section 2.5 Waste Screening Programs of the Operations Manual (Document 1, Attachment 1, Part III) and made available to the Section upon request during normal business hours.
21. 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 the county manager for each county from which waste was received 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.

22. 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 Solid Waste Section.

**PART II: MISCELLANEOUS SOLID WASTE MANAGEMENT CONDITIONS,
(SPECIFY)**

Not applicable

- End of Permit Conditions -

I do hereby certify that the attached PERMIT TO CONSTRUCT AND OPERATE is an exact and true original of PERMIT NUMBER 4204-Transfer-2012 for Halifax County Transfer Station.

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

North Carolina

WAKE County

I, ELIZABETH A. PATTERSON, Notary Public for JOHNSTON County,

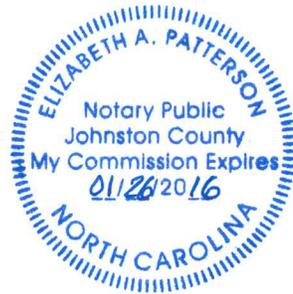
North Carolina, do hereby certify that Edward F. Mussler, III, Supervisor of the Permitting Branch, Solid Waste Section, Division of Waste Management, NCDENR, personally appeared before me this day and acknowledge the due execution of the foregoing instrument.

Witness my hand and official seal,

This the 15TH day of JUNE, 20 12.

OFFICIAL SEAL

NOTARY PUBLIC



My commission expires JANUARY 26, 20 16.

Note to Register of Deeds: This certified original permit shall be recorded by the Register of Deeds and indexed in the grantor index under the name of the land owner. The certified original affixed with the Register's seal and the date, book, and page number of recording shall be returned to the Permitting Branch Supervisor, Division of Waste Management, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

NOTE: THE SPACE ABOVE IS FOR THE REGISTER OF DEEDS USE

THIS PAGE IS PROVIDED FOR RECORDATION PURPOSES. THE ENTIRE DOCUMENT, INCLUDING THIS PAGE, SHOULD BE RECORDED IN THE GRANTOR INDEX UNDER THE NAME OF THE LANDOWNER FOR THE PARCEL OF PROPERTY LOCATED IN HALIFAX COUNTY AND SAID PROPERTY BEING OWNED BY HALIFAX COUNTY AND FURTHER IDENTIFIED BY THE DEEDS RECORDED AS LISTED BELOW:

Halifax County NC Register of Deeds

Book	Page	Property Owner	Acres
1131	298	Halifax County	210.53
1501	548		
1501	551		
1523	77		
Plat Cabinet 4	Slide 72		
Plat Cabinet5	Slide 197		
Map Book 10	Page 41		
Map Book 6	Page 83		
1649	602-604	Halifax County	30
			Total Facility Acreage = 240.53

THE PURPOSE OF THIS RECORDATION IS TO NOTIFY FUTURE BUYERS OF SAID PROPERTY THAT A SOLID WASTE MANAGEMENT ACTIVITY HAS OPERATED ON THE PROPERTY.