Waste Management
ENVIRONMENTAL QUALITY

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. 9809-CDLF-

WILSON COUNTY
is hereby issued a

PERMIT TO OPERATE

WILSON COUNTY WESTSIDE CONSTRUCTION AND DEMOLITION DEBRIS ANDFILL
PHASE 1, 2, and 3 (VERTICAL EXPANSION)

Located adjacent to the closed Wilson County MSW landfill and accessed from State Route (S.R.) 1503 in the City of Wilson, Wilson 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 facility is located and described by the legal description identified on the deeds recorded for this property listed in Attachment 1 of this permit.

Digitally signed by Edward F. Mussler III P.E.
DN: cn=Edward F. Mussler III P.E., o=Division of Waste Management, ou=Solid Waste Section, email=ed.mussler@ncdenr.gov, c=US
Date: 2016.01.21 13:10:11 -05'00'

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

ATTACHMENT 1

PART I: PERMITTING HISTORY

Permit Type	Date Issued	Document Identification Number (DIN.)
Permit to Operate (PTO) - Phase 1, Cell 1	September 17, 2004	12569
Permit to Construct (PTC) - Phase 1, Cells 2 & 3	September 24, 2004	12568
PTO – Modification, Phase 1, Cells 1, 2, &3	July 22, 2005	12567
PTC & PTO – Amendment, Phases 1 & 2 (Vertical Expansion)	January 25, 2011	12570
PTO – Amendment, Phases 1, 2 & 3 (Vertical Expansion)	January 21, 2016	25353

PART II: LIST OF DOCUMENTS FOR APPROVED PLAN

1. *Site Application for Wilson County Westside C&D Landfill.* Prepared for: Wilson County Department of Solid Waste, North Carolina (NC). Prepared by: Babb & Associates, PA, Raleigh, NC. Dated December 11, 2003, with map set dated July 10, 2003.

2. *Construction Plan for Wilson County Westside C&D Landfill Facility.* Prepared for: Wilson County Department of Solid Waste, North Carolina. Prepared by: Gary W, Ahlberg, P. E., Wilmington, NC. Dated August 2004 and revised through September 2004.

3. *Well abandonment record for piezometer P-105.* Prepared for: Wilson County, North Carolina. Prepared by: Carolina Drilling. Dated June 7, 2004.

4. Letter dated 19 March 1990 to approve the Erosion and Sediment Control Plan by Division of Land Resources.

5. Certification drawing dated 10 June 2005 and prepared by: Gary W, Ahlberg, P. E., Wilmington, NC addressing the construction of Phase 1, Cell 2 and related infrastructure.

6. Certification drawing dated 01 September 2005 and prepared by: Gary W, Ahlberg, P. E., Wilmington, NC addressing the construction of Phase 1, Cell 3 and related infrastructure (DIN 9568).

7. *Permit Application, Wilson County Westside C&D Landfill (Permit # 98-09) Continued Operations, Wilson County, North Carolina.* Prepared for: Wilson County Solid Waste Management Department, North Carolina. Prepared by: Blackrock Engineers, Inc.,

Wilmington, NC and Richardson Smith Gardner & Associates, Raleigh, NC. July 2008, revised through November 20, 2009 (DIN 8946)

8. *Permit Amendment Application, Wilson County Westside C&D Landfill (Permit # 98-09) Continued Operations, Wilson County, North Carolina.* Prepared for: Wilson County Solid Waste Management Department, North Carolina. Prepared by: Blackrock Engineers, Inc., Wilmington, NC and Richardson Smith Gardner & Associates, Raleigh, NC. January 2010, revised through January, 2011 (DIN 12737).

9. *Operation Plan for Sorting Tear-off Asphalt Shingles for Recycling, Wilson County Landfill, Permit # 98-09.* Prepared by Bartlett Engineering and Surveying, Inc. Dated November 20, 2012 (DIN 17929) and approved on December 19, 2012.

10. Letter dated June 5, 2012 to inform the Section that Wilson County proposes to construct and operate two new buildings – a maintenance shop and a computer equipment/electronics and single stream recycling transfer building. (DIN 16740); approved on June 12, 2012 (DIN 16741).

11. *Permit Amendment Application, Wilson County Westside C&D Landfill Facilities (Permit # 98-09) Continued Operations, Wilson County, North Carolina.* Prepared by Bartlett Engineering and Surveying. Inc. in Wilson, NC. Dated June 23, 2015 and revised through January 12, 2016 (DIN 25352). The application includes the beneficial use of the residue, glass/porcelain (A2 Fine & CSP) for haul road material inside the approved waste footprint of the landfill (DIN 25440 & 25439).

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Wilson County, N.C. Register of Deeds				
Book	Page	Grantee	Grantor	Acres
Plate 14	109			
Deed 1396	708			
Deed 1562	165			
Plat 13	6			
Deed 1110	159			
Deed 1091	627			
Plat 32	13	Recombination Plat – Wilson County Landfill		103.76
				Total Site Acreage: 103.76 acres

Notes:

1. Recombination Plat – Wilson County Landfill was completed in January 2003 by Herring-Sutton & Associates, P.A.

2. The portions of the landfill facility property are occupied by the permitted C&DLF and other miscellaneous waste management units. The C&D waste footprint encompasses approximately 10.5 acres which is adjacent to the closed MSWLF unit (Permit No. 98-01).

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment Quality, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule (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 Operate for Phases 1, 2 & 3 shall expire **January 25, 2021** and 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. 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 sanitary landfill 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 (Rule), 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 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 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

1. Construction of any C&DLF future phases or cells requires written approval of the Section. An Application for a Permit to Construct must be prepared in accordance with applicable statutes and rules in effect on that date.

2. At the time of issuance of this permit, no additional facility construction is approved.

- End of Section -

ATTACHMENT 3
CONDITIONS OF OPERATING PERMIT

PART I: OPERATING CONDITIONS

1. The Permit to Operate for Phases 1, 2, & 3 and the other miscellaneous solid waste management units shall expire **January 25, 2021**. Pursuant to Rule 15A NCAC 13B .0201(g), no later than **July 25, 2020**, the permittee must submit a request to the Section for a permit review and must update pertinent facility plans including, but not limited to,

the facility operation and waste screening plans in accordance with Rule 15A NCAC 13B .0535.

2. The following table lists the dimensions and details for the C&DLF, both existing and planned. Total gross capacity is defined as the volume measured from the bottom of waste through the top of final cover. The approved fill elevation that is consistent with the final contours and 4 (horizontal) to 1 (vertical) side slopes as shown on Figure 4A is up to the elevation of 150 feet above mean sea level. The remaining service life of the C&DLF is approximately 2.5 years from March 2015 (DIN 25352).

C&D Landfill Unit	Area (acres)	Gross Capacity (cubic yards)	Estimate Service Life (year)	Status
Phase 1, Cell 1 through 3	10.5	187,000	-	Filled
Phase 2 (filled)	(vertical expansion)	121,500[1]	-	Filled
Phased (remain)		13,100[1]	0.5	Operations are approved by this permit
Phase 3	(vertical expansion)	111,960	2.0	
Total	10.5	433,560	2.5	

Note:
1. The in-place waste volume and remaining capacity are calculated based on March 28, 2015 survey data.

3. Operation of any C&DLF future phases or cells requires written approval of the Section and must be constructed in accordance with applicable statutes and rules in effect at the time of review.

4. The C&DLF is permitted to receive the following waste types for disposal:
   a. "Construction or demolition debris" as defined in NCGS 130A-290 (a)(4) means solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures, but does not include inert debris, land-clearing debris, or yard debris.

   b. "Inert debris" as defined in NCGS 130A-290 (a)(14) means solid waste that consists solely of material such as concrete, brick, concrete block, uncontaminated soil, rock, and gravel.

   c. "Land-clearing debris" as defined in NCGS 130A-290 (a)(15) means solid waste that is generated solely from land-clearing activities, limited to stumps, trees, limbs, brush, grass, and other vegetative material.

d. "Asphalt" in accordance with NCGS 130-294(m).

5. Regulated-asbestos containing material as defined in 40 CFR 61 must be managed in accordance with 40 CFR 61. Disposal of asbestos waste must be in accordance with Rule 15 NCAC 13B .0542 (c) or the approved operations plan (DIN 25352).

6. Wastewater treatment sludge is not approved for disposal. Wastewater treatment sludge may be accepted, with the approval of the Section, for utilization as a soil conditioner and incorporated into or applied onto the vegetative growth layer. The wastewater treatment sludge must not be applied at either greater than agronomic rates or to a depth greater than six inches according to Rule 15A NCAC 13B .0542 (d).

7. Those wastes listed in Rule 15A NCAC 13B .0542 (e) must not be accepted for disposal, including, but not limited to, hazardous waste, municipal solid waste (MSW), liquid waste, commercial or industrial wastes, and yard trash.

8. Wooden pallets as defined in NCGS 130A-290.(44a) are not approved for disposal except for those pallets generated in C&D activities and may be accepted and managed in the on-site Wood Processing and Yard Trash Composting Area according to the approved plan (DIN 25352) and the Permit Conditions in Part V, Attachment 3 of this permit.

9. Yard waste as defined in Rule 15A NCAC 13B .0101(56) shall not be disposed in the C&DLF. However, yard trash, along with land-clearing debris and wooden pallets, as defined in NCGS 130A-290(a)(45), (15) & (44a), respectively, may be accepted for processing in the Wood Processing and Yard Trash Composting Area according to the approved plan (DIN 25352) and the Permit Conditions in Part V, Attachment 3 of this permit.

10. This facility is permitted to receive solid waste generated within Wilson County consistent with the resolution passed by the Wilson County Board of Commissioners on November 4, 2002.

11. The facility is approved to accept wastes at a rate of 20,000 tons per year consistent with the resolution passed by the Wilson County Board of Commissioners on November 4, 2002. Maximum variance shall be in accordance with NCGS 130A-294(b1)(1).

12. Pursuant to NCGS 130A-309.09A(g), the permittee must not knowingly dispose of C&D waste that is generated within the boundaries of a unit of local government that by ordinance:
    a. Prohibits generators or collectors of C&D waste from disposing of that type or form of C&D waste.

b. Requires generators or collectors of C&D waste to recycle that type or form of C&D waste.

13. The facility operator must complete an approved operator training course in compliance with NCGS 130A-309.25.
    a. A responsible individual certified in landfill operations must be on-site during all operating hours of the facility at all times while open for public use to ensure compliance with operational requirements.

    b. All pertinent landfill-operating personnel must receive training and supervision necessary to properly operate the C&DLF unit in accordance with NCGS 130A-309.25 and addressed by memorandum dated November 29, 2000.

14. The permittee must actively employ a training and screening program at the facility prepared in accordance with Rule 15A NCAC 13B .0544(e) and the approved Operations Plan (DIN 25352) for detecting and preventing the disposal of excluded or unauthorized wastes. At a minimum, the program must include:
    a. Random inspections of incoming loads or other comparable procedures.

    b. Records of any 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, MSW, or other excluded or unauthorized wastes. The plan must address identification, removal, storage, and final disposition of these wastes.

15. In accordance with NCGS 130A-295.6 this landfill may use alternative daily cover (ADC) that has been previously approved at another sanitary landfill in North Carolina. The Section maintains a list of approved ADC and its appropriate use, which may be referred to, but is not required to be, in determining ADC types and uses.

16. The use of alternative periodic cover that does not meet the requirements stated in Permit **Condition No. 15** requires approval, prior to implementation, by the Section. Requests for alternative periodic cover approval must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative cover, developed according to Section guidelines. Plans that are approved by the Section will be incorporated into, and made a part of, the approved documents listed in Attachment 1.

17. The permittee must maintain records for all solid waste materials accepted as alternative cover material and used as alternate daily or periodic covers for all landfill units. The records must include: the date of receipt, weight of material, general description of the material, identity of the generator and transporter, and county of origin. Such records must be made available to the Section upon request.

18. The permittee must properly maintain permanent markers that accurately identify the edge of the approved waste disposal boundaries of the C&DLF.

19. The permittee must conduct a monthly inspection at the C&DLF for erosion, leachate seepage, and adequate cover conditions over the exposed waste or seep according to the approved Operations Plan (DIN 25352). At least one foot of additional soil shall be added to patch any isolated leachate seeps.

20. The permittee must conduct a routine inspection for the identified leachate seepage areas at the C&DLF which have been documented on the maps and identified in the field by staking/flagging with identifications. The routine inspection must be conducted weekly and following storm events greater than one-inch daily observed. All inspection and maintenance records must be placed in the operating records.

21. Financial assurance must be continuously maintained for the duration of the facility in accordance with Rules 15A NCAC 13B .0546 & .0547(2) and NCGS 130A-295.2(h1). During the active life of the C&D Landfill, the permittee must annually adjust the cost estimates including closure and post-closure activities for inflation within 60 days prior to the anniversary date of the establishment of the financial instrument(s).

22. 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. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the area of the landfill unit during the service life of the facility.

23. 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.

24. Modifications to the approved sedimentation and erosion control activities require approval by the North Carolina Land Quality Section. The Section must be notified of any sedimentation and erosion control plan modifications.

PART II: MONITORING AND REPORTING REQUIREMENTS

25. Groundwater, surface water, and landfill gas monitoring locations must be established and monitored according to Rule 15A NCAC 13B .0544 and the approved plans (DIN 25352). Any proposed modification to an approved plan must be submitted to the Section and approved prior to implementation.

26. The permittee must obtain approval from the Section for the design, installation, development or abandonment of any groundwater monitoring well or landfill gas monitoring well. Any modification to the approved Water Quality Monitoring Plan or Explosive Gas Monitoring Plan (DIN 25352) must be reviewed and approved by the Section.

27. Groundwater monitoring wells and surface water monitoring points must be sampled at least semi-annually in accordance with Rule 15A NCAC 13B .0544, the approved water quality monitoring plan, and the current policies and guidelines of the Section in effect at the time of sampling. In accordance with Rule 15A NCAC 13B .0544(d) and the approved landfill gas control plan, landfill gas monitoring must be conducted quarterly, unless otherwise specified by the Section.

28. Monitoring reports of the analytical results for groundwater monitoring sampling events must be submitted to the Section within 120 days of the sample collection date. Analytical laboratory data must be submitted in electronic portable document format (pdf) and in a spreadsheet format in an Electronic Data Deliverable (EDD) Template. All monitoring reports must contain:
    a. a potentiometric surface map for the current sampling event,
    b. analytical laboratory reports and summary tables,
    c. a completed Solid Waste Environment Monitoring Data Form, and
    d. laboratory data submitted in accordance with the EDD Template.

29. A readily accessible unobstructed path must be maintained so that groundwater and landfill gas monitoring wells and surface water sampling locations are accessible using four-wheel drive vehicles.

30. Documentation of well completion, well development details, repair, abandonment, and all other pertinent activities associated with each groundwater and landfill gas monitoring well must be maintained in the facility operating record. The permittee must maintain a record of all groundwater, surface water, and landfill gas monitoring events and analytical data in the operating record.

31. All forms, reports, maps, plans, and data submitted to the Section must include an electronic (pdf) copy.

32. All landfill gas monitoring events must be conducted quarterly by properly trained personnel and must include monitoring for all explosive gases, including hydrogen sulfide according to the approved monitoring plan (DIN 25352). Landfill gas monitoring must include interior monitoring of onsite buildings.

33. Landfill gas monitoring results must be recorded on forms provided by the Section and be maintained in the facility's operating record.

PART III REPORTING AND RECORDKEEPING REQUIREMENTS

34. Copies of this permit, the approved plans (Attachment 1, Part II of this permit), and all records required to be maintained in the operating record 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 according to 15A NCAC 13B .0542(n).

35. Scales must be used to weigh the amount of waste received. The daily records are to be summarized into a monthly report for use in the required annual reports. The permittee must maintain records of :
    a. The amount of all accepted solid waste materials as (i) C&D wastes, (ii) alternative cover material used as alternate periodic cover, and (iii) recyclable material.

    b. Daily records of waste received, and origins of the loads.

36. On or before August 1 annually, the permittee must submit an annual facility report to the 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 report must list the amount of waste received and landfilled 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 disposal location within the facility.
        v. By diversion to alternative management facilities.

    c. A measurement of volume utilized in the C&D cells must be performed during the second quarter of the calendar year. The date and volumes, in cubic yards, must be included in the report.

d. The amount of C&D waste, in tons from scale records, disposed in landfill cells since September 17, 2004 through the date of the annual volume survey must be included in the report.

e. The tons of C&D waste recycled, recovered or diverted from disposal including a description of how and where the material was ultimately managed, as applicable, must be included in the report.

f. The completed report must be forwarded to the Section's Regional Environmental Senior Specialist for the facility by the date due on the prescribed annual facility report form.

g. 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 IV: CLOSURE AND POST-CLOSURE

37. The permittee must conduct closure and post-closure activities in accordance with the approved plan (DIN 25352) and Rule 15A NCAC 13B .0543.

38. The modification of the approved closure plan to construct an alternative cap system is allowed by Rule 15A NCAC 13B .0543; the modified closure plan must be submitted for approval at least ninety (90) days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the C&DLF in accordance with all rules in effect at that time. At a minimum, the plan must address the following:

    a. Design of a final cover system in accordance with Rule 15 NCAC 13B .0543(c) or the solid waste management rules in effect at the time of closure;

    b. Construction and maintenance/operation of the final cover system and erosion control structures; and

    c. Surface water, ground water, and explosive gas monitoring.

PART V: MISCELLANEOUS SOLID WASTE MANAGEMENT UNIT SPECIFIC CONDITIONS

GENERAL CONDITIONS

39. The Miscellaneous Solid Waste Management Units, as described in the following Permit Conditions are permitted to receive wastes from Wilson County. Received wastes and recyclable product shall be stored, stockpiled, or disposed in the designated areas as

shown on Figure 3A and Sheets S1 & S2 (DIN 25352). The permittee must obtain Section approval before re-locating any of these operations or revising the operations.

40. The permittee shall operate and manage each unit in accordance with the approved operations plans (DIN 25352) and all applicable statutes and rules of the State of North Carolina. Any revisions to the approved plan shall be approved by the Section prior to implementation.

41. The permittee must implement the established waste screening program according to the approved Operations Plan (DIN 25352) and Permit Condition No. 14, Part I, Attachment 3 of this permit. Wastes received and product stored shall be maintained in reasonably sized piles with adequate fire breaks and lanes in accordance with the approved operational plans and the pertinent rules.

42. 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 is deemed to be leachate and shall be contained on-site or properly treated prior to discharge.

43. 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.

44. 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.

45. Effective vector control measures shall be applied as necessary to control flies, rodents, insects, and vermin.

OPERATIONAL CONDITIONS – CONVENIENCE CENTER

46. The Convenience Center is permitted to receive municipal solid wastes (MSW) and recycled materials.

47. Each received waste must be temporarily stored in the designated containers in accordance with the wastes types. Proper aisle space between waste containers - drums and/or roll-off boxes must be maintained all the time for inspection, firefighting, and container removal.

48. No mixing of waste is allowed. Visible label/ signage identifying the collected wastes must be posted on the containers.

49. The permittee must dispose of the received MSW when the containers are filled, after weighed by the scale, at the Waste Industries Black Creek Road Transfer Station – Solid Waste Permit Number 9808T- Transfer-2000.

OPERATIONAL CONDITIONS – TIRE COLLECTION AREA

50. The facility located inside the Convenience Center is permitted to receive tires and scrap tires as defined in NCGS Article 9, Chapter 130A-309.53(6) & (7) and must temporary store the used tires in two 18-wheel trailers.

51. The permittee shall operate and manage the tire collection area in accordance with the requirements of Rule 15A NCAC 13B .1107 and the approved operations plan (DIN 25352). Any revisions to the approved plan shall be approved by the Section, prior to implementation.

52. The permittee shall remove the tires monthly by utilizing a register contractor/hauler in accordance with the requirements of Rule 15A NCAC 13B .1112. The contractor information must be placed in the operating records

OPERATIONAL CONDITIONS – WOOD PROCESSING AND YARD TRASH COMPOSTING AREA

53. The Wood Processing Area is permitted to operate a treatment and processing facility as defined in Rule 15A NCAC 13B .0101(49) and up to 4.5 acres in size. An adjacent composting area is classified as a Small, Type 1 Composting Facility according to Rule 15A NCAC 13B .1402(f)(6). The detailed layouts of the facilities are shown on Figure No. 2 (DIN 25352).

54. The facilities are permitted to accept the following waste streams up to 6,000 cubic yards (untreated/unprocessed raw material) per quarter:
    a. Selected land clearing wastes, as defined in Rule 15A NCAC 13B .0101(21) with less than two (2) feet diameter.

    b. Yard trash as defined in NCGS 130A-290 (a)(14).

    c. Yard waste as defined in Rule 15A NCAC 13B .0101(56);

    d. Wooden pallets as defined in NCGS 130A-290 (a)(44a).

    e. Other organic wastes listed in the operations plan for the facilities (DIN 25352).

55. The permittee must conduct random waste screening processes according to the approved operations plan (DIN 25352) to ensure that prohibited wastes are identified and removed to designated areas (either at on-site or off-site facilities) for proper disposal.

56. The Wood Processing Area is permitted to process approximately 2,000 tons per quarter, and the Yard Trash Composting Area is permitted to process or store less than 6,000 cubic yards according to Rule 15A NCAC 13B .1402(f)(6).

57. Commingling interim stage processed material – wood chips, mulch, and top soil from the Wood Processing Area and yard trash from Yard Trash Composting Area is prohibited. However, the residual wood fines generated from chipping/grinding processes in the Wood Processing Area will be allowed to combine and mix with yard trash for composting.

58. The permittee must manage the temporary storage and processing by grinding at the time for off-site hauling according to the operations plan (DIN 25352). Any revisions to the approved plan shall be approved by the Section, prior to implementation.

59. The permittee must operate the Yard Trash Composting Area according to Rule 15A NCAC 13B .1406 and comply with the pathogen reduction and vector attraction reduction requirements.

60. The permittee must maintain the dimensions of the storage piles /stockpiles and a minimum of 25 feet horizontal separation distance between stockpiles as specified in the approved operations plan and as shown on Figure No. 2- Compost Area.

OPERATIONAL CONDITIONS – WHITE GOODS AND SCRAP METAL STAGING AREA

61. The area is permitted to receive and temporarily store white goods as defined in NCGS 130A-290(44) and scrap metal on an approximately 0.5-acre all-weather surface in the designated area, which has a maximum storage capacity of approximately 2,000 tons at any time as shown on Figure No. 3A (DIN 25352).

62. The permittee must operate and manage white goods according to the approved plan (DIN 25352). Any revisions to the approved plan shall be approved by the Section prior to implementation.

63. Any white goods with refrigeration units must be separated from other white goods without refrigeration units and scrap metals at this collection/staging area. The permittee must hire a contractor who can properly remove chlorofluorocarbon refrigerants from white goods. The recyclable metals shall be removed out of the permitted landfill facility monthly.

OPERATIONAL CONDITIONS – INERT DEBRIS DISPOSAL AREA

64. The area encompassing less than two (2) acres as shown on Sheet No. 1/Drawing No. S1 and Figure No. 5 is permitted to receive inert debris, as defined in NCGS Article 9,

Chapter 130A-290(a)(14), which is segregated from the C&D waste streams and recycled and used as beneficial fill.

65. The approved fill elevation that is consistent with the final contours is approximately 4 (horizontal) to 1 (vertical) side slopes as shown on Figure No. 5 (DIN 25352) and up to an elevation of 108 feet above mean sea level.

66. This area shall be operated and managed in accordance with the requirements of Rule 15A NCAC 13B .0566 and the approved operations plan (DIN 25352). Any revisions to the approved plan shall be approved by the Section, prior to implementation.

67. A minimum of six-inch-thick soil cover shall be applied monthly, or when the active area reaches one acre in size, whichever occurs first.

68. The permittee must maintain permanent markers that accurately identify the edge of the approved waste disposal boundary.

OPERATIONAL CONDITIONS – ASBESTOS WASTE DISPOSAL AREA

69. Asbestos waste as defined in 40 CFR 61 is permitted to be received and disposed at the designated area located in the immediate south end of the Inert Debris Disposal Area as shown on Figure No. 5 (DIN 25352).

70. Disposal of asbestos waste must be in accordance with Rule 15 NCAC 13B .0542 (c) or the approved operations plan (DIN 25352).

71. A minimum of six-inch-thick soil cover shall be applied and compacted to properly cover the waste at the end of each operating day or at least once every 24-hour period if the unit is approved by the Section for a continuous operation. Cover must be placed at more frequent intervals if necessary to control soil erosion and to prevent potential exposure of waste to the environment and workers.

72. The permittee must maintain permanent markers that will identify the edge of the approved waste disposal boundary and post warning signage according to the approved operations plan and requirements stated in 40 CFR 61.

OPERATIONAL CONDITIONS – BENEFICIAL FILL

73. The landfill is permitted to accept and use the residual glass/porcelain A2 Fines as the haul material inside the waste footprint of the C&DLF according to the approved plan (DIN 25352). The approved residual glass/porcelain A2 Fines must:
    a. Be generated from the following facility:
       Reflective Recycling, Inc., located at 2606 Wilco Boulevard in Wilson, NC 27893. Phone Number: 281-520-0613.

b. Be characterized as non-hazardous material according to analytical results by Toxicity Characteristic Leaching Procedure (USEPA SW-846, Test Method 1311).

74. The permittee must conduct random waste screening processes according to the approved operations plan (DIN 25352) to ensure that the beneficial fill material is not co-mingled with non-conforming waste material by more than 10% volume for each load.

75. The maximum quantity of the residual glass/porcelain A2 Fines that can be used as haul material is 500 tons per year.

76. The permittee must temporarily store the beneficial fill material inside the active cell of the C&DLF adjacent to the working face and use at approximately one month intervals. The beneficial fill material may be temporarily stored outside the active cell but within the C&DLF waste footprint if the material is stored in a concrete bay/bin and/or covered to prevent rainwater infiltration into the stockpile thus generating leachate.

- End of Permit Conditions -

I do hereby certify that the attached PERMIT TO OPERATE is an exact and true original of PERMIT NUMBER 9809-CDLF- for the WILSON COUNTY WESTSIDE CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL.

Ming-Tai Chao, P.E.
Environmental Engineer
Permitting Branch
Solid Waste Section
Division of Waste Management

North Carolina

Wake County

I, Kathleen Lance, Notary Public for Wake County,

North Carolina, do hereby certify that Ming-Tai Chao, Environmental Engineer of the Permitting Branch, Solid Waste Section, Division of Waste Management, NCDEQ, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal,

This the 21 day of January, 20 16.

KATHLEEN LANCE
NOTARY PUBLIC
WAKE COUNTY, N.C.

NOTARY PUBLIC

My commission expires January 26, 20 19.

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 at the Register of Deeds and indexed as follows:

Grantor/Landowner: COUNTY OF WILSON

Grantee/Holder of Permit: NC DEPARTMENT OF ENVIRONMENT QUALITY

Document Type: PERMIT FOR WILSON COUNTY WESTSIDE CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL

The property is identified by the deeds recorded as listed below:

Wilson County, N.C. Register of Deeds				
Book	Page	Grantee	Grantor	Acres
Plate 14	109			
Deed 1396	708			
Deed 1562	165			
Plat 13	6			
Deed 1110	159			
Deed 1091	627			
Plat 32	13	Recombination Plat – Wilson County Landfill		103.76
				Total Site Acreage: 103.76 acres

1. Recombination Plat – Wilson County Landfill was completed in January 2003 by Herring-Sutton & Associates, P.A.
2. The portions of the landfill facility property are occupied by the permitted C&DLF and other miscellanies waste management units. The C&D waste footprints encompass approximately 10.5 acres which is adjacent to the closed MSWLF unit (Permit No. 9801-MSWLF-1990).

THE PURPOSE OF THIS RECORDATION IS TO NOTIFY FUTURE BUYERS OF SAID PROPERTY THAT A SANITARY LANDFILL EXISTS ON THE PROPERTY.