North Carolina Department of Environment Quality
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

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

SOLID WASTE MANAGEMENT FACILITY
Permit Nos. 4303-CDLF-1997 & 4309T-TRANSFER

HARNETT COUNTY
is hereby issued a

PERMIT TO CONSTRUCT
NOT APPLICABLE

PERMIT TO OPERATE
4303-CDLF-1997 ANDERSON CREEK CDLF – PHASES III, CELL A, SUBCELL 1
4309T-TRANSFER ANDERSON CREEK MSW TRANSFER FACILITY

PERMIT FOR CLOSURE
NOT APPLICABLE

located on the Anderson Creek landfill property, 1086 Poplar Drive accessed via State Route 1146 (Taylor Road), in the Barbecue Township, north of the city of Spring Lake, Harnett 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 deeds recorded for this property listed in Attachment 1, Part I 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: 2015.09.30 14:05:09 -04'00'

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

ATTACHMENT 1
GENERAL PERMIT CONDITIONS/INFORMATION

Permit to Operate Data Table

Permit	Status	Issuance	Expiration
4303-MSWLF-1984	Closed	*Not Applicable*	*Not Applicable*
4305T-TRANSFER-1994	Closed	*Not Applicable*	*Not Applicable*
4303-CDLF-1997	Active	**September 30, 2015**	**March 14, 2019**
4309-TRANSFER	Active	March 14, 2014	**March 14, 2019**

PART I: GENERAL FACILITY

1. This permit is issued by the North Carolina Department of Environment Quality, Division of Waste Management (Division), 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 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 Construct and Operate (DIN 20720) for the Harnett County Anderson Creek C&DLF has been registered in the Harnett County Register of Deeds; April 14, 2014, Deed Book 3206, Pages 848-873 (DIN 22292).

4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer shall contain in the 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 the facility the permittee shall be considered to have accepted the terms and conditions of this permit.

6. Operation of this solid waste management facility must be in accordance with the 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 the "List of Documents for the Approved Plan" 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 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 NPDES 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.

Properties Approved for the Solid Waste Facility

Harnett County, N.C. Register of Deeds			
Book	**Page**	**Property Owner**	**Acreage**
621	166-167	The County of Harnett	58
879	316-317		77.96
880	48-49		85.3
932	630-631		2
Total Acreage is approximately 223.26 acres			

Deed book references are from Harnett County Register of Deeds website (http://rod.harnett.org/)

PART II: MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT(S)
4303-MSWLF-1984 HARNETT COUNTY ANDERSON CREEK LANDFILL

Permitting History

On March 13, 1975 the landfill facility was approved for suitable for construction and development for Harnett County Sanitary Landfill. The landfill consisted of two unlined MSWLF and two demolition landfills are located on the south side of the active C&DLF. The unlined sanitary landfills stopped receiving waste prior to October 9, 1993, and were constructed

final soil cover systems consisting of two-feet compacted soil caps, and were certified for closure on March 19, 1996. The landfill is subject to post-closure care requirements including leachate management program (DIN 11314) and water quality monitoring (DIN 19493) and landfill gas monitoring (DIN 19541), which are incorporated into the site-wide monitoring program.

List of Documents for the Approved Plan

DOCUMENT ID NO. (DIN)	DOCUMENT DESCRIPTION
20587	*Closure Plan for Anderson Creek Landfill Site.* Prepared by McKim & Creed Engineers, P.A. September 1993
11314	*Leachate Management and Operation Plan for Temporary Pump and haul Station (s), Anderson Creek Construction and Demolition Landfill.* Prepared by Clayton Engineering. June 2010.
19493	*Landfill Gas Monitoring Plan, Harnett County Anderson Creek Landfill Facility*. Prepared for: Harnett County. Prepared by: Smith Gardner, Inc. August 2013.
19541	*Groundwater Monitoring Plan for Construction And Demolition Landfill Expansion – (Phase III) Anderson Creek Landfill*. Prepared for: Harnett County. Prepared by Clayton, Sr. P.E., Inc. Revised August 2013.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL (C&DLF) UNIT(S)
4303-CDLF-1997 ANDERSON CREEK CDLF
Permitting History

Permit Type	Date Issued	DIN
Original issuance: Permit to Construct (PTC) – Phase I	December 11, 1996	20588
Permit to Operate (PTO) – Phase I	April 17, 1997	20589
Permit Amendment: PTC – Phase II	October 18, 2004	20590
PTO – Phase IIA	January 11, 2005	20591
PTO – Phase IIB	January 5, 2007	789
Permit Amendment: PTC – Additional 0.4- acre Lateral Expansion and PTO – Continued operation of existing Phases I & II	March 14, 2014	20702
Permit Modification: PTO – Continued operation of Phases I & II including the additional expansion area 0.5 acres.	November 17, 2014	22285
Permit Amendment: PTC – Phase IIIA	June 05, 2015	24432
Permit Modification: PTO - Phase IIIA-1	September 30, 2015	25061

List of Documents for the Approved Plan

The descriptions of previous/historical documents are found in the Permit to Operate issued June 05, 2015 DIN 24432.

DOCUMENT ID NO.	DOCUMENT DESCRIPTION
24434	*Permit to Construct Application, Harnett County Anderson Creek Landfill Facility C&D Landfill – Phase IIIA, Harnett County, North Carolina.* Prepared by Smith Gardner, Inc. March 16, 2015 and revised through May 22, 2015.
25058	*Construction Quality Assurance Report, Harnett County Anderson Creek C&D Landfill – Phase IIIA-1*. Prepared by Smith Gardner, Inc. September 2015.

PART IV: INDUSTRIAL LANDFILL UNIT(S)
Not Applicable

PART V: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT(S)
Permitting History
A land clearing and inert debris landfill unit (LCID unit) that received with unknown quantity of wastes generate from Hurricane Fran occurred in September 1996 was located and operated at the C&DLF – Phase I area prior to constructing and operating the C&DLF. This LCID unit was closed, and wastes were disposed underneath the C&D wastes at the C&DLF – Phase I area.

List of Documents for the Approved Plan
Not Applicable

PART VI: TRANSFER STATION/TREATMENT & PROCESSING UNIT(S)
4305T-TRANSFER HARNETT COUNTY TRANSFER FACILITY
The transfer station was located at the existing Convenience Center Area inside the landfill facility. The transfer station was approved to construct on February 17, 1994 and operated from April 8, 1994 to 2007. The received MSW wastes at the facility were transferred to Harnett County (Dunn/Erwin) Landfill, Permit No. 4302-MSWLF-1988 for disposal.

4309-TRANSFER ANDERSON CREEK MSW TRANSFER FACILITY
Permitting History

Permit Type	Date Issued	DIN.
Original issuance: Permit to Construct and Permit to Operate (PTO)	February 27, 2007	1032
Permit Amendment – PTO	March 14, 2014	20702

List of Documents for the Approved Plan

The descriptions of previous/historical documents are found in the Permit to Operate issued June 05, 2015 DIN 24432.

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT UNIT (S)
Permitting History
Not Applicable.

List of Documents for the Approved Plan
The descriptions of previous/historical documents are found in the Permit to Operate issued June 05, 2015 DIN 24432.

- End of Section –

ATTACHMENT 2
CONDITIONS OF PERMIT TO CONSTRUCT

PART I: GENERAL FACILITY

1. Construction of the remaining area of Phase III - Cell A, approximately 1.56 acres must be in accordance with the 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 the Permit to Construct – Phase IIIA (DIN 24432), and the approved plan (DIN 24434).

2. Construction of any C&DLF future phases or cells requires written approval of the Section. An Application for Permit to Construct must be prepared in accordance with applicable statutes and rules in effect on that date and will be subject to a permitting fee according to NCGS 130A-295.8.

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 UNIT (S)
Not Applicable

- End of Section-

ATTACHMENT 3
CONDITIONS OF PERMIT TO OPERATE

PART I: GENERAL FACILITY

1. The Permit to Operate shall expire **March 14, 2019**. Pursuant to Rule 15A NCAC 13B .0201(g), no later than **September 15, 2018**, the permittee must submit a request to the Section for permit review prepared in accordance with NCGS 130A-295.8 and applicable North Carolina Solid Waste Management Rule (Rule), and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.

2. 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.

3. 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.

4. The edge of the waste footprint for all disposal units must be identified with permanent physical markers.

5. The permittee must not knowingly dispose of, or accept for transfer for subsequent disposal, municipal solid waste (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 MSW.

   b. Requires generators or collectors of MSW to recycle that type or form of MSW.

6. 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.

7. Financial assurance as required by Rules and NCGS 130A-295.2 must be continuously maintained for the duration of the facility in accordance with applicable rules and statutes. Closure and Post-Closure cost estimates and financial instruments must be updated annually.

OPERATIONAL REQUIREMENTS

8. This facility is permitted to receive non-hazardous solid waste that is
   a. Generated within Harnett County and consistent with the local government waste management plan and with local government approval.

   b. Defined in NCGS 130-290 (a)(18a) and (35), except where prohibited by the NC General Statues (NCGS) Article 9 of Chapter 130A, and the rules adopted by the Commission for Health Services.

9. 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 landfill units in accordance with NCGS 130A-309.25 and addressed by memorandum dated November 29, 2000.

10. The permittee must actively employ a training and screening program at the facility prepared in accordance with applicable Rules, NCGS 130A-295.6(g), and the approved Operations Manual (DIN 24434) 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, or other excluded or unauthorized wastes. The plan must address identification, removal, storage and final disposition of these wastes.

11. In accordance with NCGS 130A-295.6 this landfill may use alternative daily cover (ADC) if ADC and pertinent applications have 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.

12. The use of ADC that does not meet the requirements stated in Permit Condition No. 11 requires approval, prior to implementation, by the Section. Requests for approval of using alternative daily or periodic cover must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative daily or periodic cover. The plan must be 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 of this permit.

13. 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.

MONITORING AND REPORTING REQUIREMENTS

14. Groundwater, surface water, and landfill gas monitoring locations must be established and monitored as identified in the approved plans (DIN 19493 & 19541, respectively). Any proposed modification to an approved plan must be submitted to the Section and approved prior to implementation.

15. 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 Landfill Gas Monitoring Plan must be reviewed and approved by the Section.

16. Unless otherwise specified by the Section, groundwater monitoring wells must be sampled at least semi-annually and landfill gas monitoring must be conducted quarterly in accordance with applicable Rules, the approved monitoring plans (DIN 19493 & 19541), and the current policies and guidelines of the Section in effect at the time of sampling.

17. 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 Environmental Monitoring Data Form, and

d. laboratory data submitted in accordance with the EDD Template.

18. 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.

19. Documentation of well completion, 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.

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

21. All landfill gas monitoring events must be conducted by properly trained personnel and must include monitoring for all explosive gases, including hydrogen sulfide. Landfill gas monitoring must include interior monitoring of onsite buildings.

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

23. Reports of the analytical data for each monitoring event must be submitted to the Section within 120 days of the respective sampling event. Analytical data must be submitted in a manner prescribed by the Section. Records of all groundwater, surface water, and/or leachate analytical data must be kept as part of the permanent facility record.

RECORDING AND RECORDKEEPING

24. 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.

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

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

26. 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 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 landfill 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 waste, in tons from scale records, disposed in landfill cells from April 17, 1997 through the date of the annual volume survey must be included in the report.

    e. The tons of 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 Regional Senior Environmental 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 Senior Environmental Specialist by the date due on the prescribed annual facility report form.

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)
Not Applicable

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT(S)

4303-CDLF-1997 ANDERSON CREEK C&DLF

27. This permit approves the operation of new constructed Sub-cell 1 of the Phase III – Cell A (Phase IIIA-1) of the C&DLF, the onsite environmental management, and protection facilities as described in the approved plans in Attachment 1 of this permit. This Phase IIIA-1 of the C&DLF encompasses approximately 0.54-acre waste footprint and has approved operating capacity of 23,000 cubic yards (CY) with an interim fill grade up to 348 feet above mean seal level (amsl) and a 4 (horizontal) and 1 (vertical) side slopes as shown on the Figure Nos. AB-1 & 1 of the report (DIN 25058).

28. This permit approves the continued operation of Phases I and II of the C&DLF, which have approved operating capacity of 524,536 CY and encompass waste footprint of 7.5 acres as described in the approved plan (DIN 24434). The maximum approved fill elevation for Phases I and II is up to the elevation of approximately 360 feet amsl and with side slopes as shown on FIG. 1 of the revised final cover grading plan (DIN 22245).

29. The following table lists the dimensions and details for the C&DLF unit, both existing and planned. The approved gross capacity of 832,404 CY is defined as the volume measured from the bottom of waste through the top of final cover. The maximum approved fill elevation for the C&DLF is shown on drawings Sheet No. 6A / Drawing No. S5A and Sheet No. 11 / Drawing No. EX1 (DIN24434).

C&DLF Phases	Acres	Gross Capacity (cubic yards)	Status
Phases I & II	7.5	524,536	Active
Phase IIIA-1	0.54	23,000	Constructed and Active
Phase IIIA (remaining area)	1.56	73,412	To be constructed
Phase IIIB	1.9	129,114	Not developed
Phase IIIC	1.9	32,887	Not developed
Phase IIID	1.6	49,455	Not developed
Total	15	832,404	

30. Operation of future phases, cells, or subcells requires written approval of the Section after documentation has been submitted that the area has been constructed in accordance with applicable statutes and rules.

31. The facility is approved to accept the waste disposal rate up to 35,000 tons per year, average of 125 tons per day based on 280 operating days per year, consistent with the resolution passed by the Harnett County Commissioners on December 5, 2009 (DIN 6557). Maximum variance shall be in accordance with NCGS 130A-294(b1)(1).

32. The C&DLF is permitted to receive the following waste types:
    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, such as stumps and tree trunks.

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

    e. Solid waste that is generated by mobile or modular home manufacturers and asphalt shingle manufacturers in Harnett County. The waste must be source separated at the manufacturing site and must exclude municipal solid waste, hazardous wastes, and other wastes prohibited from disposal at this landfill. It must be transported to the landfill in a shipment or container that consists solely of the separated waste to be dispose.

33. 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 15A NCAC 13B .0542(c)(2) and the approved Operations Manual (DIN 24434).

34. 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, liquid waste, commercial or industrial wastes, and yard trash.

35. 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 neither be applied at greater than agronomic rates nor to a depth greater than six inches.

36. The permittee must properly operate and maintain the constructed Leachate Management System according to the approved plan (DIN 11314):

a. An all-weather road leading to the leachate loading station must constantly be maintained.

b. The overflow valve used to release storm water inside the leachate loading station must be closed prior to pumping leachate to a truck operated by permitted septic hauler. The collected leachate shall be disposed of the Harnett County Wastewater Treatment Plan in Lillington, NC.

c. The Spill Response Plan (DIN 11314) must be enacted immediately if any incident of leachate spill occurs.

d. The loading station and leachate sump piping network shall be checked daily and immediately after any precipitation event according to the written checklist. Any components found to be not properly functioning shall be promptly repaired or replaced.

e. The permittee must conduct visual inspections weekly and immediately after any precipitation event around landfill side slopes for leachate outbreaks, which shall be promptly repaired,

f. The routine inspection and repair associated with the leachate management system must be placed in the on-site operating record.

37. Closure and post-closure activities must be conducted in accordance with the approved Closure and Post-Closure Plans (DIN 24434) and Rule 15A NCAC 13B .0543.

38. Modification of the approved closure plan to construct an alternative cap system is allowed by Rule .0543 of 15A NCAC 13B; however, 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&D unit 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 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)
4309-TRANSFER

39. The facility is permitted to receive municipal solid waste (MSW) as defined in NCGS 130A -290 (a)(35), including animal carcasses from the NC Department of Transportation and local animal control departments, and consistent with the approved Operations Manual (DIN 20704), except where prohibited by North Carolina General Statutes Article 9 of Chapter 130A, and rules adopted by the Commission for Health Services.

40. The following wastes, at a minimum, must not be accepted at the facility for transfer for subsequent disposal: 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, infectious waste, animal carcasses (with the exception of those euthanized by the Harnett County Department of Animal Control, and those from the NC Department of Transportation), radioactive waste, septage, fluorescent and high-intensity discharged lamps, ashes/incinerated residues and wastes banned from disposal in North Carolina by NCGS 130A-309.10(f).

41. The facility accepts the waste for transfer and subsequent disposal in an average of 80 tons per day.

42. The permittee shall transfer received MSW for disposal to the Subtitle-D landfill units at Sampson County Disposal, LLC, Permit Number 8202-MSWLF-2000 located on 7434 Roseboro Highway, in Roseboro, Sampson County North Carolina; or in the event of an emergency occurring at the disposal facility, the permittee may transfer MSW to the Johnston County MSW Landfill in Smithfield, NC, Permit Number 5103-MSWLF-1997. Proposed changes to the service area and/or the disposal facility must be approved by the Section and will constitute a permit modification and be subject to the applicable permitting fee.

43. 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 Operations Manual (DIN 20704).

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, with watertight covers, 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.

44. 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/or 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.

PART VII- MISCELLANEOUS SOLID WASTE MANAGEMENT UNIT (S)

GENERAL CONDITIONS

45. The Miscellaneous Solid Waste Management Units (MSWMU), as described in the following Permit Conditions are permitted to receive recyclables from Harnett County. Received recyclables shall be stored, stockpiled, or disposed in the designated areas as shown on Drawing No. S1/Sheet No. 2 in the approved Facility Plan (DIN 24434). The permittee must obtain Section approval before re-locating any of these operations or before revising the operations.

46. The permittee must operate and manage the MSWMU according to the following Permit Conditions, all applicable statutes and rules of the State of North Carolina and the Operations Manual (DIN 24434). Any revisions to the approved Operations Manual shall be approved by the Section, prior to implementation. However, a permit modification is

not necessary for utilizing alternate markets that are generally or widely used for the legal disposition of recovered material or recyclables.

47. The permittee must operate, maintain, and store received recyclables in reasonably sized areas or piles with adequate fire breaks and lanes, with sufficient dust and odor control measures to minimize airborne emissions and to prevent dust or litter from becoming a nuisance or safety and fire hazard.

48. 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.

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

<u>OPERATIONAL CONDITIONS – CONVENIENCE CENTER</u>

50. The Convenience Center is located on the west side of scale house and permitted to receive/collect small loads of municipal solid wastes (MSW) and recyclable wastes including:
    a. Comingled recyclables - newspaper, papers, cardboard boxes, glass & glass containers, aluminum or steel containers, recyclable plastic bottles, and etc., which are placed in the same roll-off containers.

    b. Non-comingled recyclables - used/scrap tire, used vehicle oil filter, batteries, pallets, tear-off asphalt shingle, and etc., which are placed in the designated areas or containers.

51. The permittee shall operate and management tear-off asphalt shingle facility by implementing the Asphalt Shingle Recycling of the approved Operations Manual (DIN 24434). Tear-off asphalt shingle for recycling shall be accepted only when the shingle is appropriately source-separated prior to delivery to the facility. Neither sorting, mixing, processing asphalt shingle nor separating wastes from asphalt shingle are allowed at this facility.

52. The permittee must operate and manage the scrap tire collection areas in accordance with the requirements of Rule 15A NCAC 13B.1107.

53. A visible label, marking, or sign for collected waste must be posted on the exterior surface of container or placed on a post next to the container or area.

54. Proper aisle spaces between waste containers, i.e., drums or roll-off boxes, must be maintained at all times for inspection of leakage, for firefighting, and for container removal.

55. After being weighed on the scale, the received MSW and bulk wastes must be transported to the on-site Transfer Station (Permit No. 4309-TRANSFER) and subsequently disposed of at the permitted disposal facility; the recyclables must be transported to the recycling facilities when the containers are about to fill up. The contact information for waste/recyclable haulers, firms, and/or disposal/recycling facilities, including the applicable solid waste permit number must be placed in the operating record.

OPERATIONAL CONDITIONS – YARD WASTE PROCESSING AREA

56. The facility is located on the north end of the C&DLF, is a treatment and processing facility as defined in Rule 15A NCAC 13B .0101(49), and is permitted to receive, process, and store land clearing debris and waste, yard waste, or wooden pallets as defined in Rules 15A NCAC 13B .0101(23) and .0101(56), and NCGS 130A-290(44a), respectively.

57. The received waste or processed/ground material (such as mulch) must be stored or stockpiled in the following manner:
    a. Each windrow has the maximum height of 15 feet and the width of 50 feet in size at any time.

    b. Each windrow shall be maintained at least 25-foot clear distance or perimeter from drainage ditches and swales, around the processing area, and other stockpiles of raw wastes and ground material to allow for inspection, monitoring temperature, or fire fighting.

    c. Each windrow shall be maintained at least 75-foot clear distance from property boundaries.

58. The permittee must conduct random waste screening processes according to the approved Operations Manual (DIN 24434) to ensure that prohibited or unacceptable wastes are identified and removed to designated areas (either at on-site or off-site facilities) for proper disposal at end of each working day.

59. The permittee is only permitted to use the processed or ground wastes such as mulch for on-site surface stabilization or erosion control.

OPERATIONAL CONDITIONS – C&D MATERIAL RECOVERY AREA

60. The permittee is permitted to conduct C&D material recovery for reuse or recycling from the working face of the C&DLF.

61. The permittee is prohibited to conduct the material recovery from MSW wastes at the landfill facility including the transfer station.

62. The following wastes are permitted to be recovered from the working face of the C&DLF:
    a. Non-treated and non-painted clean wood including wooden pallet.

    b. Cardboard, scrap metal, and uncontaminated and unpainted concrete, brick, concrete block.

63. The recovered concrete, brick and block can be temporarily stockpiled inside the waste footprint of the C&DLF; other recyclables must be removed and transported to the designated MSWMU at end of each working day.

OPERATIONAL CONDITIONS – WHITE GOODS/SCRAP METAL/ELECTRONICS HANDLING AREA

64. The area is located adjacent to the on-site Transfer Station and permitted to receive white goods as defined in NCGS 130A-290(44), scrap metal and consumer electronics

65. White goods collection areas shall provide for the proper removal of chlorofluorocarbon refrigerants (Freon) prior to loading the white goods into storage units (such as roll-off container) or trucks.

66. The permittee must separately store the white goods containing Freon from the non-Freon white goods and scrap metal at this area.

- End of Section-

ATTACHMENT 4
CONDITIONS OF PERMIT FOR CLOSURE

PART I: GENERAL FACILITY

1. The permittee must maintain the integrity and effectiveness of the cap system of the landfill units according to the approved plan (DIN 20587), including making repairs to the cover as necessary to correct the effects of settlement, subsidence, erosion, or other events, and prevent surface water from impounding over waste and run-on and run-off

from eroding or otherwise damaging the cap system. In addition, a vegetative cover of native grasses must be maintained and mowed regularly.

2. Pursuant to Rule 15A NCAC 13B .1629(c), post-closure use of the property is subject to review and approval by the Section and must not disturb the integrity of the cap system of the landfill units, or the function of the monitoring systems. The Section may approve any other disturbance if the permittee demonstrates that disturbance of the cap system, including any removal of waste, will not increase the potential threat to human health or the environment.

3. The permittee must maintain a record of all monitoring events and analytical data during the post-closure periods. Reports of the sampling events and analytical data must be submitted to the Section in a timely manner.

4. Pursuant to NCGS 130A-295.8, any proposed expansion to the closed landfill units will be considered a new landfill for purposes of Solid Waste Management permitting.

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT(S)
4303-MSWLF-1984 HARNETT COUNTY ANDERSON CREEK LANDFILL

5. The permittee must implement the site wide water quality monitoring and landfill gas monitoring program according to the Monitoring and Reporting Permit Conditions Nos. 14 through 23 in the Attachment 3 of this permit, the approved plans (DIN 19541 & 19493), applicable rules, regulations, and statutes.

6. The permittee must properly operate and maintain the constructed Leachate Management System according to the Permit Conditions No. 36 in the Attachment 3 of this permit and the approved plan (DIN 11314).

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 & PROCESSING UNIT(S)
Not Applicable

PART VII: MISCELLANEOUS SOLID WASTE MANAGEMENT
Not Applicable

- End of Permit Conditions -