



Facility Permit No: 44-07
White Oak Municipal Solid Waste Landfill
Haywood County
May 5, 2009
Doc ID: 7070
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North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

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

MUNICIPAL SOLID WASTE LANDFILL FACILITY
Permit No. 44-07

HAYWOOD COUNTY
is hereby issued a

PERMIT TO OPERATE
WHITE OAK MUNICIPAL SOLID WASTE LANDFILL
PERMIT TO CONSTRUCT
MUNICIPAL SOLID WASTE LANDFILL PHASE 3

Located at 3898 Fines Creek Road, SR 1338, in Haywood 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 No. 1 of this permit.

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

ATTACHMENT 1

PART I: PERMITTING HISTORY

1. On June 30, 1999 an amendment was made to the Permit to Operate for a five-year renewal of the MSW landfill unit.
2. On November 27, 2001 an amendment was made to the Permit to Operate for the operation of Phase 2.
3. On November 18, 2002 an amendment was made to the Permit to Operate for the operation of a C&D landfill unit.
4. On November 8, 2008 an amendment was made to the Permit to Operate for a five-year renewal of the MSW landfill unit and the addition of a LCID landfill unit.
5. On May 5, 2009 an amendment was made to the Permit to Construct. Conditions were added for the construction of MSW Unit Phase 3. In addition, a modification was made to the Permit to Operate for the addition of a Processing (mulching and grinding of land clearing waste) unit, a small Type II Composting unit, tarp and soil/mulch mixture alternative daily covers as well as Type II composting for use as a soil amendment.

Permit Type	Date Issued	DIN
Original Permit to Construct	July 22, 1992	
Original Permit to Operate	October 8, 1993	
Permit Amendment	June 30, 1999	
Permit Amendment	November 27, 2001	
Permit Amendment	November 8, 2006	595
Permit Amendment /Modification	May 5, 2009	7070

PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

NO.	DOCUMENT DESCRIPTION	DOCUMENT ID NO.
1.	<i>MSWLF Facility Permit To Construct, Phase 2.</i> Prepared by Municipal Engineering. Prepared for Haywood County. March 2000.	
2.	<i>Design Hydrogeologic Study, Phase 2, White Oak Subtitle D Landfill.</i> Prepared by Municipal Engineering. Prepared for Haywood County. June 2000.	

3.	<i>Alternate Liner System Modifications / Permit to Construct for Haywood County Municipal Solid Waste Landfill Facility, Phase 2.</i> Prepared by Municipal Engineering, Prepared for Haywood County. October, 2000.	
4.	<i>Site Hydrogeologic Study, Haywood County Construction & Demolition Landfill, Waynesville, North Carolina.</i> Prepared by Municipal Engineering. Prepared for Haywood County. June 4, 2001.	
5.	<i>Construction Quality Assurance Report, Municipal Solid Waste Landfill Facility, Phase 2, Haywood County.</i> Prepared by Municipal Engineering. Prepared for Haywood County. August, 2001.	
6.	<i>Plans entitled As-Built for Haywood County C&D Landfill.</i> Prepared by Municipal Engineering. Prepared for Haywood County. October 22, 2002.	
7.	<i>Letter with reference: Geologic Conditions Haywood County C&D Landfill.</i> Prepared by Edward Custer, L.G. Prepared for Haywood County. November 5, 2002.	
8.	<i>Land Clearing and Inert Debris Landfill Facility, Haywood County.</i> Prepared by Municipal Engineering. Prepared for Haywood County. September, 2006.	
9.	<i>Permit Renewal Proposed Fill Plan, Municipal Solid Waste Landfill Facility, Phase 2, Haywood County,</i> Prepared by: Municipal Engineering. Prepared for: Haywood County. October 31, 2006.	
10.	<i>Alternative Daily Cover Demonstration Authorization Letter, Polypropylene Tarp.</i> Prepared by: James Patterson. Prepared for: Solid Waste Section. June 28, 2007.	3924
11.	<i>Email: Haywood County Construction & Demolition Landfill Closure.</i> Prepared by: McGill Associates. Prepared for: Haywood County. March 31, 2008.	4286
12.	<i>Modifications to the Operations Plan, White Oak MSW Landfill, Haywood County, North Carolina.</i> Prepared by: McGill Associates. Prepared for: Haywood County. June 6, 2008.	4929
13.	<i>White Oak Operations Plan Modification Response Letter.</i> Prepared by: Allen Gaither. Prepared for: Solid Waste Section. June 30, 2008.	4930
14.	<i>Closure Plan, Construction & Demolition Landfill Phase 1.</i> Prepared by: McGill Associates. Prepared for: Haywood County. June 27, 2008.	5031
15.	<i>Permit to Construct Submittal, MSW Phases 3 & 4, White Oak MSW Landfill, Haywood County, North Carolina.</i> Prepared by: McGill Associates. Prepared for: Haywood County. September 12, 2008.	5806

16.	<i>Design Hydrogeologic Report, Phases 3 and 4, White Oak MSW Landfill, Haywood County, North Carolina.</i> Prepared by: Bunnell-Lammons Engineering. Prepared for: McGill Associates. July 11, 2008	5807
17.	<i>Environmental Monitoring Plan, Phases 3 and 4, White Oak MSW Landfill, Haywood County, North Carolina.</i> Prepared by: Bunnell-Lammons Engineering. Prepared for: McGill Associates. July 11, 2008	5808
18.	<i>Letter: Request for Demonstration Period for Mulch/Soil Material as an Alternate Daily Cover.</i> Prepared by: Stephen King. Prepared for: Haywood County. August 7, 2008.	5914
19.	<i>Letter: Response to Comments Modifications to Operations Plan.</i> Prepared by: McGill Associates. Prepared for: Haywood County. October 3, 2008.	6013
20.	<i>Letter: Corps of Engineers Permit Information.</i> Prepared by: McGill Associates. Prepared for: Haywood County. December 10, 2008.	6449
21.	<i>Letter of Approval with Modifications.</i> Prepared by: Charles Koontz, Land Quality Section. Prepare for: Haywood County. December 18, 2008.	6798
22.	<i>Response to Technical Review: Design Hydrogeologic Report and Environmental Monitoring Plan.</i> Prepared by: McGill Associates. Prepared for: Haywood County. March 2, 2009.	7040
23.	<i>Revised CQA Plan.</i> Prepared by: McGill Associates. Prepared for: Haywood County. April 1, 2009.	7307
24.	<i>Response to Technical Review: Revised Operations Plan.</i> Prepared by: McGill Associates. Prepared for: Haywood County. April 9, 2009.	7308

PART III: PROPERTIES APPROVED FOR THE SOLID WASTE FACILITY

Haywood County, N.C. Register of Deeds				
Book	Page	Grantee	Grantor	Parcel No.
424	204	Haywood County	Leatherwood & Monson	8712-30-1872
403	1374	Haywood County	Davis, Davis & Raulerson	8712-11-8775
461	1036	Haywood County	Bramlett	8712-00-6575
Total Site Acreage: ±268.4 acres				

Notes:

1. Deed book references are from the Haywood County Register of Deeds office (<http://maps.haywoodnc.net/gisweb/default.aspx>).

PART IV: GENERAL PERMIT CONDITIONS

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A NCAC 13B .0201(d), a solid waste management facility permit shall have two parts: a Permit to Construct and a Permit to Operate. The Permit to Construct shall expire on **November xx, 2010**. The Permit to Construct must be implemented in accordance with Attachment 2 of this permit. The Permit to Operate shall expire November 8, 2011. 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. (Intentionally blank)
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 initiating 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 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.
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 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.

- End of Section -

ATTACHMENT 2 CONDITIONS OF PERMIT TO CONSTRUCT

PART I: MUNICIPAL SOLID WASTE LANDFILL UNIT SPECIFIC CONDITIONS

1. Pursuant to the NC Solid Waste Management Rules (Rule) 15A NCAC 13B .0201(c) and (d)(1), this permit approves construction for MSW Phase 3 consisting of approximately 8.8 acres with a projected operating capacity of 686,000 cubic yards of airspace.
2. The initial, substantial, construction authorized by this Permit to Construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit to construct shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment on site, and construction activities including installation of sedimentation and erosion control structures. The permittee may reapply for the permit to construct prior to the expiration date. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees.
3. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in Attachment I, Part II List of Documents for the Approved Plan.
4. The permittee must conduct a preconstruction meeting at the facility prior to initiating construction of any unit/cell and must notify the Section at least 10 days prior to the meeting.
5. Modifications or revisions of the approved documents or changes during construction of any landfill unit/cell require approval by the Section, and may constitute a permit modification and be subject to a permitting fee.
6. The following conditions must be met prior to operation of the Phase 3:
 - a. The Permittee must obtain a Permit to Operate for Phase 3 from the Section in accordance with 15A NCAC 13B .0201(d).
 - b. Construction Quality Assurance (CQA) documentation as well as a certification by the project engineer that the landfill was built in accordance with approved plans and the conditions of the permit must be submitted to the Section for review and approval.

- c. The Permittee must contact the appropriate regional environmental specialist and permitting engineer to determine whether the Section chooses to hold a pre-operative meeting with key landfill personnel and representatives of the Section.
- d. The edge of the waste footprint must be identified with permanent physical markers.

Geologic, Ground Water and Monitoring Requirements

- 7. Prior to issuing the Permit to Operate, samples from new ground water monitoring wells and surface water stations shall be sampled for the Appendix I constituent list.
- 8. Prior to construction of the phase or cell(s) within the phase, all piezometers, borings, and groundwater monitoring wells within the footprint must be properly abandoned in accordance with 15A NCAC 2C .0113 (b)(1), entitled "Abandonment of Wells."
- 9. In areas where soil is to be undercut, abandoned piezometers, monitoring wells and borings must not be grouted to pregrade land surface, but to the proposed base grade surface to prevent having to cut excess grout and possibly damage the wells.
- 10. A Licensed Geologist must report any pertinent geological feature(s) exposed during phase or cell excavation. Prior to placing any landfill liner, the geologist must submit to the Section hydrogeologist a written report that includes an accurate description of the exposed geological feature(s) and effect of the geological feature(s) on the design, construction, and operation of the cell, phase, or unit.
- 11. A Licensed Geologist must supervise installation of groundwater monitoring wells and surface water sampling stations.
- 12. Any modification to the approved water quality monitoring, sampling, and analysis plan must be submitted to the Section Hydrogeologist for review.
- 13. Within 30 days of completed construction of each new groundwater monitoring well, a well construction record (GW-1 form), typical well schematic, boring log, field log and notes, and description of well development activities must be submitted to the Section.
- 14. The permittee must provide a plan sheet-sized, scaled topographical map, showing the location and identification of new, existing, and abandoned wells and piezometers after installation of groundwater monitoring wells.

15. Within thirty (30) days of the completed permanent abandonment of a ground-water monitoring well, the well abandonment record (GW-30 form) and any additional information included in the abandonment record) must be submitted to the Section. The well abandonment records must be submitted to the Solid Waste Section in accordance with 15A NCAC 2C .0114(b) and be certified by a Licensed Geologist.

Erosion and Sedimentation Control Requirements

16. 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.
17. All earth disturbing activities must be conducted in accordance with the Sedimentation Pollution Control Act of 1973 (15 NCAC 4) and consistent with any other local, state or federal requirements.
18. 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.
19. 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: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT SPECIFIC CONDITIONS

Not Applicable

PART III: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT SPECIFIC CONDITIONS

Not Applicable

PART IV: MISCELLANEOUS SOLID WASTE MANAGEMENT SPECIFIC CONDITIONS

Not Applicable

ATTACHMENT 3

CONDITIONS OF PERMIT TO OPERATE

PART I: GENERAL FACILITY CONDITIONS

1. The Permit to Operate shall expire November 8, 2011. Pursuant to 15A NCAC 13B .0201(e), no later than July 8, 2011, the owner or operator must submit a request to the Section for permit review 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 N.C.G.S. 113A-50, et seq., and rules promulgated under 15A NCAC 4.

Operational Requirements

3. This facility is permitted to receive solid waste generated within Haywood County, consistent with the local government waste management plan and with local government approval and as defined in G.S. 130-290 (a)(35), except where prohibited by the N. C. General Statutes Article 9 of Chapter 130A, and the rules adopted by the Commission for Health Services.
4. The facility operator must complete an approved operator training course in compliance with G.S. 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 G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.
5. The use of different alternative daily cover requires approval, prior to implementation, by the Solid Waste Section. Requests for alternative daily cover approval must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative daily cover. The plan must be developed according to Section guidelines. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents listed in Attachment 1.

- a. The use of a fabric tarp as an alternate daily cover is approved and subject to the terms and conditions of operation as set forth in the plan. Soil cover shall be applied at a minimum of one time per week in accordance with Rule .1626 (2). Soil shall be applied more frequently, if needed, to control disease vectors, fires, odors, blowing litter and scavenging.
 - b. The use of a 3:1 Soil/Mulch mixture as an alternative daily cover is pending approval of a Demonstration Report submitted in accordance with the Alternative Cover Material (ACM) Demonstration Authorization Letter.
6. The facility must maintain records for all solid waste materials accepted as alternative cover material and used as alternate daily cover. 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 Solid Waste Section upon request.

Monitoring and Reporting Requirements

7. Groundwater, surface water, and methane monitoring locations must be established and monitored as identified in the approved plans.
8. A licensed geologist must be present to supervise the installation of groundwater monitoring wells. The exact locations, screened intervals, and nesting of the wells must be established after consultation with the SWS Hydrogeologist at the time of well installation.
9. Ground water monitoring wells and surface water sampling locations must be sampled for Appendix I constituents at least semi-annually according to the specifications outlined in the approved water quality monitoring plan and the current policies and guidelines of the Section in effect at the time of sampling.
10. 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 leachate analytical data must be kept as part of the permanent facility record.
11. The four independent samples which comprise the initial baseline sampling event must be collected from each groundwater monitoring well and the report must be submitted to the Section within six months after issuance of the Permit to Operate.
12. Untreated leachate must be sampled and analyzed at least semi-annually concurrently with the groundwater water and surface water sampling, one sample per event. The leachate must be analyzed for all Appendix I constituents, pH, specific conductance, BOD, COD, nitrates, sulfates, and phosphates. Test results must be submitted to the

Section along with groundwater and surface water test results. In the event leachate is recirculated, additional leachate sampling may be required.

13. A readily accessible unobstructed path must be cleared and maintained so that four-wheel vehicles may access monitoring well locations at all times.
14. A field log book which details all development, sampling, repair, and all other pertinent activities associated with each monitoring well and all sampling activities associated with each surface water and leachate sampling location must be kept as part of the permanent facility record.
15. All well construction records and soil boring logs for new wells must be submitted to the Solid Waste Section Hydrogeologist for review within 30 days of completion.
16. 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.
17. The owner or operator must maintain a record of the amount of solid waste received at the landfill unit, compiled on a monthly basis. Scales must be used to weigh the amount of waste received.
18. 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 October 8, 1993 through the date of the annual volume survey must be included in the report.
- e. The completed report must be forwarded to the Regional Waste Management Specialist for the facility by the date due on the prescribed annual facility report form.
- f. 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 Waste Management Specialist by the date due on the prescribed annual facility report form

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT SPECIFIC CONDITIONS

- 19. This permit approves the continued operation of Phase 2 of the municipal solid waste landfill, as well as the onsite environmental management and protection facilities as described in the approved plans.
- 20. The following table lists the dimensions and details for the MSW landfill units. The following waste volumes include waste, daily cover, and intermediate cover, but do not include final cover.

MSW Unit	Acres	Gross capacity (cubic yards)
Phase 1	11.4	718,800
Phase 2	10.2	830,000
Total	21.6	1,548,800

- 21. The facility is approved to accept approximately 60,000 tons per year, approximately 164 tons per day (365 days per year), with a maximum variance in accordance with GS 130A-294(b1)(1) as listed in Attachment 1, Part II.
- 22. The following, at a minimum, must not be accepted for disposal at the facility: hazardous waste, yard trash, liquid wastes, regulated medical waste, sharps not properly packaged, PCB waste as defined in 40 CFR 761, and wastes banned from disposal in North Carolina by G.S. 130A-309.10(f).

23. The permittee must not knowingly dispose of any type or form of municipal solid waste that is generated within the boundaries of a unit of local government that by ordinance:
 - a. Prohibits generators or collectors of municipal solid waste from disposing of that type or form of municipal solid waste.
 - b. Requires generators or collectors of municipal solid waste to recycle that type or form of municipal solid waste.
24. The use of leachate recirculation as a leachate management tool requires approval by the Section prior to implementation. Requests for leachate recirculation approval must include a comprehensive management plan developed according to Section guidelines and which is consistent with the approved operation plan. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents listed in Attachment 1.
25. The facility is permitted to co-dispose of wastewater treatment sludge generated within the facility's approved service area, and subject to the terms and procedures of the approved plan.
26. The leachate collection system must be maintained in accordance with 15A NCAC 13B.1626(12)(a). The plan shall include provisions for periodic cleaning and visual inspection. Documentation of the inspections, and cleaning and monitoring must be included in the operating records of the facility and provided to the Department upon request.
27. Financial assurance as required by state rules and statutes 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 pursuant to 15A NCAC 13B .1628.
28. Closure or partial closure of any MSWLF unit must be in accordance with the Closure Plans described in the approved plans and 15A NCAC 13B .1629. Final Closure Plans must be submitted to the Division at least 90 days prior to implementation.

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT SPECIFIC CONDITIONS

29. The C&D landfill unit stopped receiving waste June 30, 2008. Closure in accordance with Rule .0505 must be completed no later than May 30, 2009.

30. Haywood County must maintain the integrity and effectiveness of the cap system, 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.
31. Post-closure use of the property is subject to review and approval by the Division and must not disturb the integrity of the cap system, or the function of the monitoring systems. The Division may approve any other disturbance if the owner or operator demonstrates that disturbance of the cap system, including any removal of waste, will not increase the potential threat to human health or the environment.
32. For the closed C&D landfill unit, the permittee must conduct groundwater and surface water sampling in accordance with the post-closure water quality monitoring plan of the approved Closure Plan, Document 11, Part II, Attachment 1. Ground water monitoring wells and surface water sampling location(s) must be sampled on a semi-annual basis, for a minimum of five years from closure (five years from July 2008). After five years of monitoring, the Solid Waste Section will determine if further monitoring will be required.
33. The permittee must maintain a record of all monitoring events and analytical data. Reports of the sampling events and analytical data must be submitted to the Section in a timely manner.
34. Any proposed expansion to the closed C&D landfill unit will be considered a new landfill for purposes of Solid Waste Management permitting.

PART IV: LAND CLEARING AND INERT DEBRIS LANDFILL UNIT SPECIFIC CONDITIONS

General

35. The land clearing and inert debris landfill is permitted to receive for disposal only land-clearing waste, concrete, brick, concrete block, uncontaminated soil, gravel and rock, untreated and unpainted wood, and yard trash, in accordance with Rule .0101 (22) and .1010 (23).
36. This permit is for the construction and operation of the landfill in accordance with the approved plans, Attachment 1, Part II, Document 8. Any revision to the construction or operation of the facility requires written approval by the North Carolina Solid Waste Section. Construction or operation of future cells or phases will require written approval of the Section.

Pre-Operational

37. The following requirements shall be met prior to receiving solid waste at the unit:
- a. A site inspection and pre-operative meeting shall be conducted by a representative of the Solid Waste Section. The permittee shall notify the Section's Waste Management Specialist and make arrangements for the site inspection and pre-operative meeting.
 - b. A sign shall be posted at the unit as required by the NC Solid Waste Management Rules Operational Requirements, 15A NCAC 13B .0566 (16).
 - c. A certification letter, from a Registered Professional Engineer, shall be submitted to the Section stating that the facility has been constructed in accordance with the approved plans.
 - d. Survey stakes shall be installed to delineate the approved limits of the waste.

Operational

38. This facility shall conform to the operational requirements of the NC Solid Waste Management Rules, 15A NCAC 13B .0566, and to the operational plan identified in Attachment 1, Part II, Document 8.

PART V: MISCELLANEOUS SOLID WASTE MANAGEMENT SPECIFIC CONDITIONS

General Conditions

39. 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.
40. Surface water shall be diverted from all operational and storage areas to prevent standing water in operational areas and under or around storage piles. Water that comes in contact with solid waste shall be contained on-site or properly treated prior to discharge.
41. 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.
42. 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.
43. Effective vector control measures shall be applied as necessary to control flies, rodents, insects, or vermin.

Operational Conditions – Treatment & Processing (Wood Grinding)

44. The facility is permitted to operate a treatment and processing facility as defined in 15A NCAC 13B, Rule .0101(49).
45. The facility is permitted to receive land clearing waste as defined in 15A NCAC 13B, Rule .0101(23).
46. The facility is permitted to receive wooden pallets constructed of unpainted and untreated natural wood.
47. The facility is permitted to receive yard trash as defined in 15A NCAC 13B, Rule .0101(55). However, this ground material containing yard trash may not be distributed to the public unless it has been composted in accordance with Rule .1400.
48. The facility must manage the treatment and processing according to the Operation Plan included in Attachment 1, Part II: "List of Documents for the Approved Plan". This document is included in the approved plan. Any revisions to the approved plan shall be approved by the Section, prior to implementation.

Operational Conditions – Type 2 Composting Unit

49. The facility is permitted to operate a compost facility as defined in 15A NCAC 13B, Rule .0101(7).
50. The facility is only permitted to receive waste materials described in 15A NCAC 13B, Rule .1402(f)(1) and (2).
51. The facility must monitor and maintain records to demonstrate the requirements of 15A NCAC 13B, Rule .1406 are continually being met. In addition, the facility is required to maintain records on the following information:
 - a. The amount of waste received into the facility,
 - b. the amount of compost land applied as a soil amendment,
 - c. the area of land compost was applied to as a soil amendment, and
 - d. the amount and final termination of any remaining compost.
52. The facility must analyze, classify and distribute the compost material in accordance with 15A NCAC 13B, Rules .1407 and .1408.

53. The use of compost as a soil amendment is pending approval of a Demonstration Report submitted in accordance with the Soil Amendment Demonstration Authorization letter. The compost may only be broadcast and incorporated at a rate not to exceed 100 tons per acre.

- *End of Permit Conditions* -