



- 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 copy of the completed report shall be forwarded to each county manager for each county from which waste was received at the facility.
- d. A copy of the report and documentation that a copy of the report has been forwarded to all counties from which waste was accepted must be sent to the regional Waste Management Specialist by the date due on the prescribed annual report form.
39. All records required to be maintained by the owner or operator by regulation or permit shall be maintained on-site and made available to the SWS upon request.

*- End of Permit Conditions -*

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

### **Monitoring and Reporting Requirements**

36. The following are requirements relating to groundwater monitoring for the C&D landfill facility:
- a. Groundwater and surface water monitoring locations shall be established as identified in the approved plans, Appendix 1, Part 2, Documents 15 and 16.
  - b. The owner or operator shall sample the monitoring wells semi-annually or as otherwise directed in writing by the SWS Hydrogeologist.
  - c. A readily accessible, unobstructed, path shall be maintained so that monitoring wells may be accessed using four-wheel drive vehicles.
  - d. A licensed geologist shall be present to supervise the installation of groundwater monitoring wells. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the SWS Hydrogeologist at the time of well installation.
  - e. All well construction records and soil boring logs for new wells shall be submitted to the Solid Waste Section Hydrogeologist for review within 30 days of completion.
  - f. Each monitoring well shall be surveyed and hydraulic conductivity and effective porosity values shall be established for each screened interval in order to develop groundwater flow characteristics.
  - g. The owner or operator shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to DWM in a timely manner.
37. The owner or operator shall maintain a record of the amount of solid waste received at the C&D unit, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received.
38. On or before August 1 annually, the permittee shall report the tons of waste received and disposed in the C&D landfill unit to the Solid Waste Section and to all counties from which waste was accepted on forms prescribed by the Section. The following is information regarding the annual reports:
- a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
  - b. The annual report shall list the amount of waste received and landfilled in tons and be compiled:

place in the future, an amendment to the operations plan shall be submitted to the Solid Waste Section for review and approval.

#### **Erosion and Sedimentation Control**

26. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site of the C&D unit.
27. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
28. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill unit development or as addressed in the approved Sedimentation and Erosion Control permit.

#### **Drainage Control and Water Protection Requirements**

29. Surface water shall be diverted from the operational area.
30. Surface water shall not be impounded over or in waste.
31. A separation distance of at least four feet shall be maintained between the C&D waste and the groundwater table as addressed in the site suitability application, hydrologic assessment section.
32. Solid waste (C&D) shall not be disposed in standing water.
33. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters and or for land disturbing activities greater than one acre.
34. Ground water quality for the C&D landfill unit is subject to the classification and remedial action provisions referenced in Rule .0503 (2)(d) of 15A NCAC 13B.
35. A closure and post-closure plan must be submitted for approval at least 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 shall address the following:
  - a. Design of a final cover system as required by 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;

### Access and Safety

17. The C&D unit shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the DWM to prevent unauthorized entry.
18. The access road to the C&D unit shall be of all-weather construction and maintained in good condition.
19. Signs shall be posted at the entrance of landfill in accordance with the Access and Safety Requirements under Operation Condition .0505(8).
  - a. Signs shall provide information on dumping procedures, the hours of operation, the permit number, and other pertinent information shall be posted at the entrance to the landfill.
  - b. Signs shall be posted stating that NO MSW, hazardous waste or liquid waste can be received in the C&D unit.
  - c. Traffic signs or markers shall be provided as necessary to promote orderly traffic patterns to and from the discharge area and to maintain safe operating conditions.
20. Dust control measures shall be implemented when necessary.
21. Barrels and drums shall not be disposed unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.
22. Asbestos waste shall be managed in accordance with 40 CFR 61.
23. Open burning of solid waste is prohibited. Fires shall be reported to the Solid Waste Section by phone within 24 hours of an incident and written notification shall be submitted within 14 working days addressing the events at the site and future actions to be taken in the future to avoid and or mitigate potential fire hazards.
24. The concentration of explosive gases generated by the C&D unit shall not exceed:
  - a. 25% of the lower explosive limit for gases in site structures excluding gas control or recovery system components if necessary; and
  - b. 100% of the lower explosive limit for gases at the property boundary. Installation of permanent gas monitoring wells may be required in the future to demonstrate compliance.
25. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face. If C&D recycling is to take

- e. "Asphalt" in accordance with G.S. 130-294(m).
12. The C&D landfill units shall not receive the following waste types:
- a. "Yard trash" as defined in G.S. 130A-290 (45) shall not be disposed in the landfill area. However, yard trash, along with land-clearing debris, may be accepted for processing in the Yard Waste Composting Area or disposal in a LCID landfill.
  - b. Municipal solid wastes, hazardous wastes, or liquid wastes are not permitted for acceptance or disposal in the C&D landfill units.
13. The permittee shall actively employ a screening program for the C&D unit that detects and prevents the disposal of MSW, hazardous, liquid or non-permitted wastes. At a minimum, the program shall include:
- a. Random inspections of incoming loads or other comparable procedures.
  - b. Records of any inspections.
  - c. Training of personnel to recognize hazardous and liquid wastes.
  - d. Development of a contingency plan to properly manage any identified hazardous, liquid or MSW wastes.
  - e. The plan must address identification, removal, storage, and final disposition of waste.

#### **Cover Material Requirements**

14. Solid waste shall be covered with a minimum of 6 inches of soil or an approved material of equivalent performance and thickness at least once per week or when the active area reaches 1 acre in size, or more often when necessary to prevent the site from becoming a visual nuisance or to mitigate conditions associated with fire, windblown materials, vectors, or excessive water infiltration.
15. Areas that will not receive additional waste for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover [15A NCAC 13B .0505(3)(b)] and stabilized with vegetative cover.
16. After final termination of disposal operations at the C&D unit or major part thereof, or upon revocation of a permit, the fill areas shall be covered with at least two feet of suitable compacted earth [15A NCAC 13B .0505(3)(c)] or other protective barrier as specified by the rules or the permit in effect at the time of closure.

discrepancies exist, the most recent submittal and the Conditions of Permit shall govern. Some components of the approved plan are reiterated in the Conditions of Permit.

7. This permit is not transferable.
8. All sedimentation/erosion control activities shall be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed C&D landfill unit in accordance with 15A NCAC 13B .0505 (3)(b)(c).

### Operations

9. Operation of the C&D landfill shall be in accordance with Section .0505 of the Solid Waste Management Rules, the requirements contained in this permit, and shall conform to the operating procedures described in the approved plan. Should the approved plan and the rules are in conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition.
10. The facility operator shall have completed an approved operator training course in compliance with G.S. 130A-309.25.
  - a. A responsible individual certified in landfill operations shall be on-site at all times 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 shall receive training and supervision necessary to properly operate the C&D landfill unit in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.
11. The C&D landfill units are permitted to receive the following waste types:
  - a. Unless otherwise specifically approved by permit condition, only "construction" or "demolition" types of solid wastes as defined in NCGS 130A-290 (a)(4) are permitted for acceptance and disposal in the C&D landfill units.
  - b. "Construction or demolition debris" as defined in G.S. 130A-290 (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.
  - c. "Inert debris" as defined in G.S. 130A-290 (14) means solid waste that consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil.
  - d. "Land-clearing debris" as defined in G.S. 130A-290 (15) means solid waste that is generated solely from land-clearing activities such as stumps and tree trunks.

## ATTACHMENT 4 CONDITIONS OF PERMIT

### Site Specific Conditions

1. This permit covers a operational period for the NORTH MECKLENBURG C&D LANDFILL INC., Construction and Demolition Debris Landfill of five (5) years from the issuance date of this Permit to Operate, and is therefore subject to review on or before March 10, 2011, as required under 15A NCAC 13B .0201(e).
  - a. Modifications to the facility and engineering plans may be required in accordance with the rules in effect at the time of the review.
  - b. The owner or operator shall submit a permit amendment or modification by November 10, 2006, prepared in accordance with the rules applicable to Construction and Demolition Debris landfills effective at the time of submittal.
2. The service area for this facility consists of the following counties: Mecklenburg, Union, Cabarrus, Catawba, Lincoln, Iredell and Gaston Counties in North Carolina and Lancaster and York Counties in South Carolina.
3. The total design gross capacity for the Phase 1 facility is approximately 200,700 cubic yards and consistent with the final contours as shown on Sheet No. C8 of 17 in the construction application. Gross capacity is defined as bottom of waste through the top of final cover.
  - a. The total facility capacity, existing phases plus Phase I of the expansion, is 2 million gross cubic yards. Phase 1 is 4.72 acres and has a capacity of 200,700 cubic yards of airspace and will last one year at 525 tons per day. The maximum rate of receipt of waste is approximately 300,000 tons per year. (Attachment 1, Part 2, Documents 15, 16 and 18.)
4. Operation of C&D landfill Phase 1B shall require written approval of the Section and shall be in accordance with the terms and conditions of the Permit to Construct issued March 10, 2006.
5. The total facility boundary of " Expansion 2" is 24.92 acres and contains 954,200 cubic yards of airspace with a total waste footprint of 14.64 acres. The projected life is five years at an average daily tonnage rate of 525 tons per day (in accordance with the approved plan, Attachment I, Part II, Document 16 and 18). The facility will be developed in three phases, 1 through 3.

### General Conditions

6. The documents submitted in support of the application for permitting the facility are identified in Attachment 1 and 3, "List of Documents for Approved Plan" and constitute the approved plan for the construction, operation and closure of the facility. Where

**ATTACHMENT 3**  
List of Approved Documents  
NORTH MECKLENBURG C&D LANDFILL INC.

Part I: Permitting History

Permit Type	Date Issued
Original Issue (PTO)(Ph.1)	June 24, 1993
Amendment 1 Phase 2	March 7, 1995
Amendment 2 (PTC)	October 19, 2001
Amendment 3(PTO) 4.4 acres	October 26, 2001
Amendment 4(PTC) Exp. 2, Phase 1A, 4.72 ac.	March 10, 2006
Amendment 5 (PTO) Exp. 2, Phase 1A, 4.72 ac.	March 10, 2006

Part II: List of Documents for the Approved Plan

1. Certification Letter Sebesta, Fred E. to Ed Mussler, Head, Solid Waste Permitting Branch. *RE: North Mecklenburg Landfill, Inc. North Mecklenburg C&D Landfill. Expansion II. Project No. 05185NM.* B.P. Barber & Associates, Inc. Columbia, SC. March 8, 2006. Received March 9, 2006.
2. Drawing *Phase 1A Base Grading Record Drawing.* Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North Mecklenburg C&D Landfill, Inc. File Number 33,406-B79. March 8, 2006. The surveyor of record is H.B. Dingle, Jr., P.S., North Carolina Registration No. L-3900. Sheet 1 of 1.
3. Drawing *Seasonal High Groundwater and Base Grade Comparison.* Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North Mecklenburg C&D Landfill, Inc. File Number 33,407-B79. March 6, 2006. Drawing 1 of 1.

- End of Section -



Division Hydrogeologist within 30 days after the sampling event unless otherwise approved in writing.

17. Well completion records and boring logs shall be submitted to the Division at the same time as the results of the initial sampling event or within 30 days upon completion of any new wells.
18. Each monitoring well shall be surveyed and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each monitoring well.
19. Data shall be used to determine ground water flow directions and rates for the facility.
20. Accessible and unobstructed paths shall be cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.
21. The permittee shall establish two locations for surface water sampling. Surface water shall be sampled and analyzed semi-annually according to the protocol and parameters required by the Division at the time of sampling.
22. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to the Division in a timely manner.

- End of Section -

appropriate agencies for a General or Individual NPDES Stormwater Discharge Permit.

9. Prior to operation of the facility and at all times of operation, the permittee shall be in compliance with all applicable lawfully adopted local ordinances.
10. Prior to construction of the Phase 1 Expansion 2A cell, all piezometers, ground-water monitoring wells and borings located in the proposed cell with the exception of non-cased borings are to be properly abandoned by over-drilling and sealing each location with cement grout according to 15A NCAC 2C .0113 (b)(1), "Procedures for Permanent Abandonment of Wells." In portions of the site where soil areas are to be undercut, do not grout in the wells up to pre-grade land surface, but up to proposed base grade surface cutting off excess vertical grout and possibly damaging the grouted wells.

#### **Construction**

11. This permit is for the development of the North Mecklenburg Construction and Demolition Landfill, Expansion II, Phase 1, within the approved facility description, in accordance with the approved plan (Attachment 1, Part 2, Docs 15 and 16). Phase 1 is approximately 4.72 acres, 200,700 cubic yards of gross airspace. Construction of additional phases will require written approval of the Division.
12. All sedimentation and erosion control measures will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.

#### **Monitoring and Reporting**

13. Monitoring well design and construction shall conform to the specifications outlined in "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities."
14. The monitoring well locations for Phase 1 are as illustrated in the approved plans and shall be established to monitor that area.
15. A geologist shall be in the field to supervise well installation. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Division Hydrogeologist at the time of well installation.
16. Prior to the acceptance of any waste at the facility, a baseline-sampling event shall be completed. The results of this sampling event shall be submitted to the

## ATTACHMENT 2 CONDITIONS OF PERMIT

### General Conditions

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds office and indexed in the grantor index under the name of the owner of the land (C&D Management Company, LLC) 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 shall be returned to the Division of Waste Management (the Division).
2. When this property is sold, leased, transferred or conveyed, 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.
3. The gross facility capacity, including the expansion is 2 million cubic yards. The size of the Expansion II area is 24.92 acres, and adds a gross capacity of 954,200 cubic yards. Gross capacity is defined as top of subgrade through the top of the final contours as identified in the approved plan, Part 2, Document 16. The landfill's disposal rate is 300,000 tons per year. The franchise begins on August 1, 2006 and ends on July 1, 2011 (Attachment 1, Part 2, Doc. 18).
4. This facility may receive solid waste that is generated within a service area consisting of Mecklenburg, Union, Cabarrus, Catawba, Lincoln, Iredell and Gaston Counties in North Carolina and Lancaster and York Counties in South Carolina.
5. The approved plan for this facility is described in Attachment 1, "List of Documents for Approved Plan". Where discrepancies exist, the most recent submittal and these Conditions shall govern. Some components of the approved plan are reiterated in these Conditions.
6. This permit is not transferable.
7. All pertinent records and reports including a copy of this permit and the approved plans shall be maintained at the facility and made available to the Division upon request.
8. The owner/operator is responsible for obtaining any and all permits and approvals necessary for the development of this project including approval from

## ATTACHMENT 1

### PART 1: GENERAL FACILITY CONDITIONS

Issuance	Date
Original Issue (PTO)(Ph.1)	June 24, 1993
Amendment 1 Phase 2	March 7, 1995
Amendment 2 (PTC)	October 19, 2001
Amendment 3 (PTO) 4.4 acres	October 26, 2001
Amendment 4 (PTC) Exp.II 4.72ac.	March 10, 2006

### Part 2: List of Documents for the Approved Plan

Documents 1-14 are contained in previous permits, identified above.

15. *North Mecklenburg C&D Reclamation "Center. Expansion II Permit. Site Plan Application Report. North Mecklenburg Landfill, Inc. Griffin Brothers Enterprises, Inc. C&D Management Company, LLC. Huntersville, North Carolina. Prepared for: North Mecklenburg Landfill, Inc. Huntersville, NC, Prepared by: Enviro-Pro, P.C. Fort Mill, SC. September 15, 2005. Revised through March 8, 2006. Project No. EP-1401.*
16. *C&D Landfill Permit Application. Engineering Report for the North Mecklenburg C&D Landfill. Expansion II. Prepared for North Mecklenburg Landfill, Inc. Cornelius, NC. Prepared by; B.P. Barber & Associates, Inc. Columbia, SC. October 27, 2005. Revised through February 15, 2006. Project No. 05185. Includes construction plan drawings (C1 through C17).*
17. "Boundary Survey and Legal description of Expansion II". Prepared by: B. P. Barber Associates Inc. February 15, 2006.
18. *Amendment to Construction and Demolition Debris Landfill Ordinance and Franchise Agreement. Issued by: Mecklenburg County. Issued to: North Mecklenburg Landfill, Inc. Minute Book 42-A. February 14, 2006.*

**LEGAL DESCRIPTION OF REAL PROPERTY**

The permitted municipal solid waste landfill is located and described by the legal description of the site or the property map contained within the approved application and includes the following properties recorded in the Mecklenburg County Register of Deeds Office.

1. Property in the Expansion, Mecklenburg County, NC, Register of Deeds.

<b>Mecklenburg County, N.C. Register of Deeds</b>					
Map Legend	Book	Page	Grantor	Grantee	Acres
4	18,455	134	Patsy H Holbrooks	C&D Management Company, LLC	4.510
5	18,690	961	John F Locklear	C&D Management Company, LLC	21.750
6	19,649	894	Catawba Lands Conservancy	C&D Management Company, LLC	3.083
<b>Total Acreage</b>					<b>29.343</b>

Pursuant to N.C. General Statutes 130A-301, whenever the municipal solid waste facility or any portion of the land within this permit is sold, leased, conveyed or transferred, 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.



Facility Permit No: 60-13  
North Mecklenburg C&D Landfill  
Part 1-Permit to Construct  
Amendment No.3: Phase 1 Expansion II  
March 10, 2006

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
Dexter R. Matthews, Director                      Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

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

**SOLID WASTE LANDFILL  
FACILITY PERMIT**

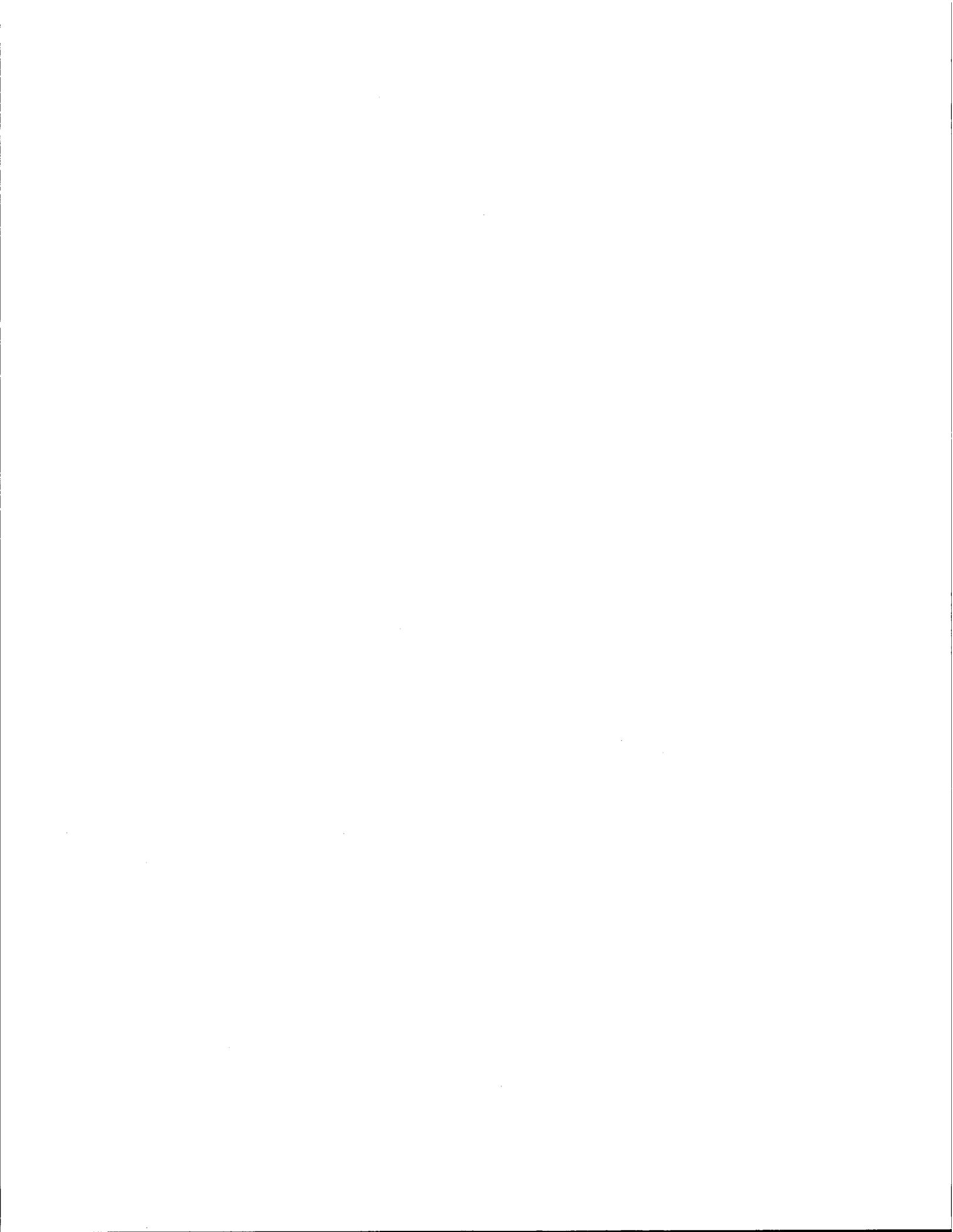
North Mecklenburg C&D Landfill Inc.,

is hereby issued a  
**PERMIT TO CONSTRUCT**  
A SOLID WASTE LANDFILL FACILITY  
Expansion II Phase 1

Located at 15300 Holbrooks Road, southeast of the Town of Huntersville, in Mecklenburg 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 of the site contained on page two of this permit.

Edward F. Mussler III  
CN = Edward F. Mussler III, C = US, O  
= Division of Waste Management, OU  
= Solid Waste Section  
I have reviewed this document and I  
am approving this document  
2006.03.10 14:01:32 -05'00'

Edward F. Mussler, III, P.E.,  
Permitting Branch Supervisor  
Permitting Branch



39. All records required to be maintained by the owner or operator by regulation or permit shall be maintained on-site and made available to the SWS upon request.

- End of Permit Conditions -

- b. The owner or operator shall sample the monitoring wells semi-annually or as otherwise directed in writing by the SWS Hydrogeologist.
  - c. A readily accessible, unobstructed, path shall be maintained so that monitoring wells may be accessed using four-wheel drive vehicles.
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    - i) On a monthly basis.
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    - iii) By specific waste type.
    - iv) By disposal location within the facility.
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  - c. A copy of the completed report shall be forwarded to each county manager for each county from which waste was received at the facility.
  - d. A copy of the report and documentation that a copy of the report has been forwarded to all counties from which waste was accepted must be sent to the regional Waste Management Specialist by the date due on the prescribed annual report form.

27. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
28. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill unit development or as addressed in the approved Sedimentation and Erosion Control permit.

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  - a. Design of a final cover system as required by 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;
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  - a. Groundwater and surface water monitoring locations shall be established as identified in the approved plans, Appendix 1, Part 2, Documents 15 and 16.

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  - a. Signs shall provide information on dumping procedures, the hours of operation, the permit number, and other pertinent information shall be posted at the entrance to the landfill.
  - b. Signs shall be posted stating that NO MSW, hazardous waste or liquid waste can be received in the C&D unit.
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22. Asbestos waste shall be managed in accordance with 40 CFR 61.
23. Open burning of solid waste is prohibited. Fires shall be reported to the Solid Waste Section by phone within 24 hours of an incident and written notification shall be submitted within 14 working days addressing the events at the site and future actions to be taken in the future to avoid and or mitigate potential fire hazards.
24. The concentration of explosive gases generated by the C&D unit shall not exceed:
  - a. 25% of the lower explosive limit for gases in site structures excluding gas control or recovery system components if necessary; and
  - b. 100% of the lower explosive limit for gases at the property boundary. Installation of permanent gas monitoring wells may be required in the future to demonstrate compliance.
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  - b. Records of any inspections.
  - c. Training of personnel to recognize hazardous and liquid wastes.
  - d. Development of a contingency plan to properly manage any identified hazardous, liquid or MSW wastes.
  - e. The plan must address identification, removal, storage, and final disposition of waste.

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15. Areas that will not receive additional waste for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover [15A NCAC 13B .0505(3)(b)] and stabilized with vegetative cover.
16. After final termination of disposal operations at the C&D unit or major part thereof, or upon revocation of a permit, the fill areas shall be covered with at least two feet of suitable compacted earth [15A NCAC 13B .0505(3)(c)] or other protective barrier as specified by the rules or the permit in effect at the time of closure.

#### **Access and Safety**

17. The C&D unit shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the DWM to prevent unauthorized entry.

7. This permit is not transferable.
8. All sedimentation/erosion control activities shall be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed C&D landfill unit in accordance with 15A NCAC 13B .0505 (3)(b)(c).

### **Operations**

9. Operation of the C&D landfill shall be in accordance with Section .0505 of the Solid Waste Management Rules, the requirements contained in this permit, and shall conform to the operating procedures described in the approved plan. Should the approved plan and the rules are in conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition.
10. The facility operator shall have completed an approved operator training course in compliance with G.S. 130A-309.25.
  - a. A responsible individual certified in landfill operations shall be on-site at all times 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 shall receive training and supervision necessary to properly operate the C&D landfill unit in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.
11. The C&D landfill units are permitted to receive the following waste types:
  - a. Unless otherwise specifically approved by permit condition, only "construction" or "demolition" types of solid wastes as defined in NCGS 130A-290 (a)(4) are permitted for acceptance and disposal in the C&D landfill units.
  - b. "Construction or demolition debris" as defined in G.S. 130A-290 (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.
  - c. "Inert debris" as defined in G.S. 130A-290 (14) means solid waste that consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil.
  - d. "Land-clearing debris" as defined in G.S. 130A-290 (15) means solid waste that is generated solely from land-clearing activities such as stumps and tree trunks.
  - e. "Asphalt" in accordance with G.S. 130-294(m).

**ATTACHMENT 4  
CONDITIONS OF PERMIT**

**Site Specific Conditions**

1. This permit covers a operational period for the NORTH MECKLENBURG C&D LANDFILL INC., Construction and Demolition Debris Landfill of five (5) years from the issuance date of this Permit to Operate, and is therefore subject to review on or before March 10, 2011, as required under 15A NCAC 13B .0201(e).
  - a. Modifications to the facility and engineering plans may be required in accordance with the rules in effect at the time of the review.
  - b. The owner or operator shall submit a permit amendment or modification by November 9, 2006, prepared in accordance with the rules applicable to Construction and Demolition Debris landfills effective at the time of submittal.
2. The service area for this facility consists of the following counties: Mecklenburg, Union, Cabarrus, Catawba, Lincoln, Iredell and Gaston Counties in North Carolina and Lancaster and York Counties in South Carolina.
3. The total design gross capacity for the Complete Phase 1 facility is approximately 200,700 cubic yards and consistent with the final contours as shown on Sheet No. C8 of 17 in the construction application. Phase 1A 's volume is 63,200 cubic yards and Phase 1B's volume is 137,500 cubic yards. Gross capacity is defined as bottom of waste through the top of final cover.
  - a. The Complete Phase 1 is 4.72 acres and has a capacity of 200,700 cubic yards of airspace and will last one year at 525 tons per day. The maximum of receipt of waste is approximately 300,000 tons per year. Attachment 1, Part 2, Documents 15, 16, and 18.)
4. Operation of C&D landfill Phase 2 shall require written approval of the Section and shall be in accordance with the terms and conditions of the Permit to Construct issued March 10, 2006.
5. The total facility boundary of " Expansion 2" is 24.92 acres and contains 954,200 cubic yards of airspace with a total waste footprint of 14.64 acres. The projected life is 5 years at an average daily tonnage of 525 tons per day ( in accordance with the approved plan, Attachment I, Part II Document 16 and 18). The facility will be developed in three phases, 1 though 3.

**General Conditions**

6. The documents submitted in support of the application for permitting the facility are identified in Attachment 1 and 3, "List of Documents for Approved Plan" and constitute the approved plan for the construction, operation and closure of the facility. Where discrepancies exist, the most recent submittal and the Conditions of Permit shall govern. Some components of the approved plan are reiterated in the Conditions of Permit.

6. Drawing *Seasonal High Groundwater and Base Grade Comparison* (Complete Phase 1).  
Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North  
Mecklenburg C&D Landfill, Inc. File Number 33,456-B79. March 2006.

- End of Section

ATTACHMENT 3  
 List of Approved Documents  
 NORTH MECKLENBURG C&D LANDFILL INC.

Part I: Permitting History

Permit Type	Date Issued
Original Issue (PTO)(Ph.1)	June 24, 1993
Amendment 1 Phase 2	March 7, 1995
Amendment 2 (PTC)	October 19, 2001
Amendment 3(PTO) 4.4 acres	October 26, 2001
Amendment 4(PTC) Exp. 2, Phase 1A, 2.20 ac.	March 10, 2006
Amendment 5 (PTO) Exp. 2, Phase 1A, 2.20 ac.	March 10, 2006
Amendment 6 (PTO) Exp. 2, Phase 1A & 1B, 2.2 ac. + 2.52 ac.= 4.57 acres	April 24, 2006

Part II: List of Documents for the Approved Plan

1. Certification Letter Sebesta, Fred E. to Ed Mussler, Head, Solid Waste Permitting Branch. *RE: North Mecklenburg Landfill, Inc. North Mecklenburg C&D Landfill. Expansion II. Project No. 05185NM.* B.P. Barber & Associates, Inc. Columbia, SC. March 8, 2006. Received March 9, 2006.
2. Drawing *Phase 1A Base Grading Record Drawing.* Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North Mecklenburg C&D Landfill, Inc. File Number 33,406-B79. March 8, 2006. The surveyor of record is H.B. Dingle, Jr., P.S., North Carolina Registration No. L-3900. Sheet 1 of 1.
3. Drawing *Seasonal High Groundwater and Base Grade Comparison.* Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North Mecklenburg C&D Landfill, Inc. File Number 33,407-B79. March 6, 2006. Drawing 1 of 1.
4. Certification Letter Sebesta, Fred E. to Ed Mussler, Head, Solid Waste Permitting Branch. *RE: North Mecklenburg Landfill, Inc. North Mecklenburg C&D Landfill. Expansion II.* Base Grade Certification Number 2. *Project No. 05185NM.* B.P. Barber & Associates, Inc. Columbia, SC. April 3, 2006.
5. Drawing *Phase I Complete Base Grading Record Drawing.* Prepared by: B.P. Barber & Associates, Columbia, SC. Prepared for: North Mecklenburg C&D Landfill, Inc. File Number 33,455-B79. March 2006.