North Carolina Department of Environment and Natural Resources
Division of Waste Management

Beverly Eaves Purdue
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. 11-07

BUNCOMBE COUNTY
is hereby issued a

PERMIT to OPERATE
A
MUNICIPAL SOLID WASTE LANDFILL UNIT, Cells 1-6,
CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT, Phase 4
And A HOUSEHOLD HAZARDOUS WASTE COLLECTION FACILITY

Located on Panther Branch Road, North Carolina State Road 1745, Buncombe County, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated there under and subject to the conditions set forth in this permit.

Edward F. Mussler III, P.E.
cn=Edward F. Mussler III, P.E., c=US, o=Division of Waste Management, ou=Solid Waste Section, email=ed.mussler@ncmail.net
I have reviewed this document and am approving this document
2009.05.01 11:09:03 -04'00'

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

ATTACHMENT 3

PART I: PERMITTING HISTORY

MSWLF FACILITY PERMIT NO: 11-07	**ISSUANCE DATE**
Original Facility Permit to Construct	November 7, 1995
Original Permit to Operate - Cell 2:	November 15, 1996
MSWLF Cell 1:	January 9, 1998
MSWLF Cell 3:	January 27, 2000
MSWLF Cells 4 & 5:	November 14, 2002
XL Leachate Recirculation Modification:	March 27, 2003.
MSWLF Phase 3 (Phase 1 of Cell 6)	October 12, 2005
MSWLF Cells 1-6:	March 14, 2006
MSWLF Bioreactor Phase I:	March 14, 2006
Modification-Gas Collection System Cell 6	September 12, 2006
Modification – Leachate Breakout Operations Plan Update	July 15, 2008
Modification – Alternative Cover Materials	**May 1, 2009**
C&DLF Phase 1:	January 21, 1998
C&DLF Phase 2:	March 5, 1999
C&DLF Phase 1 Expansion:	November 14, 2002
C&DLF Phase 4	June 12, 2006
Modification-Asbestos Disposal	March 04, 2008
Household Hazardous Waste Collection:	March 9, 2001

PART II: LIST OF DOCUMENTS FOR THE APPROVED PLAN

GENERAL FACILITY

1. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 1 of 2*, dated March, 1995, as revised.

2. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Volume 2 of 2*, dated March, 1995, as revised.

3. Plans entitled *Engineering Plan, Buncombe County Solid Waste Management Facility*, dated March, 1995, sheets EP-1 through EP-6, D-1 through D-4, as revised.

4. Plans entitled *Facility Plan, Buncombe County Solid Waste Management Facility*, dated March, 1995, sheets SD-1, SD-2, LC-1 through LC-4, LO-1 through LO-9, as revised.

5. Plans entitled *Construction Plan, Cells 1 through 3, Buncombe County Solid Waste Management Facility*, dated September, 1995, sheets C-1 through C-9, D-1 through D-4, E-1 and E-2, latest revision.

6. *Response to Technical Review Design Hydrogeologic Report/Water Quality Monitoring Report, Buncombe County Solid Waste Management Facility*, dated June, 1995.

7. *Response to Technical Review Design Hydrogeologic Report/Water Quality Monitoring Report, Buncombe County Solid Waste Management Facility*, dated August, 1995.

8. *Modification to Permit, Construction Plans - Cells 1 through 3, Proposed Buncombe County Solid Waste Management Facility*, dated October 6, 1995.

9. Camp Dresser & McKee letter, dated November 2, 1995, subject: Alternate Monitoring System.

10. *Buncombe County Solid Waste Management Facility, Permit to Construct Application, Cell 3 Permit Modifications*, dated October 1998, as revised, prepared by Camp Dresser & McKee.

11. *Buncombe County Subtitle D Landfill Cell No. 3 Point-of Compliance Equivalence evaluation for Proposed Alternative Base Liner*, dated June 10, 1998, as revised, prepared by Camp Dresser & McKee.

MUNICIPAL SOLID WASTE LANDFILL

Documents 1-15 contained in previous permits.

16. *Permit Application for the US EPA Project XL Bioreactor at the Buncombe County Solid Waste Management Facility*. Prepared by: Camp Dresser and McKee, Raleigh, NC. December 2002.

17. Plans entitled *US EPA Project XL Bioreactor Plan Permit Application, Buncombe County Solid Waste Management Facility*. Prepared by: Camp Dresser and McKee, Raleigh, NC. December 2002.

18. *Buncombe County Solid Waste Management Facility, Permit to Construction Application*. Prepared by: Camp Dresser and McKee, Raleigh, NC. December 2004. Volume 1 of 2.

19. *Buncombe County Solid Waste Management Facility, Permit to Construction Application*. Prepared by: Camp Dresser and McKee, Raleigh, NC. December 2004. Volume 2 of 2.

20. Drawings entitled *Engineering Plan - Phase 3 (Cell 6), Buncombe County Solid Waste Management Facility*. Prepared by: Camp Dresser and McKee, Raleigh, NC. December 2004.

21. Response To Comment. *Application for Permit to Construct, Phase III, Buncombe County Landfill, Design Hydrogeologic Study - Preliminary Review Comments, Permit No. 11-07*. Prepared by: Camp Dresser and McKee, Raleigh, NC. January 7, 2005.

22. Response To Comments. *Application for Permit to Construct, Phase III, Buncombe County Landfill, Design Hydrogeologic Study - Additional Review Comments, Permit No. 11-07*. Prepared by: Camp Dresser and McKee, Raleigh, NC. January 18, 2005.

23. *Buncombe County North Carolina, Buncombe County Solid Waste Management Facility, Permit to Construct Application for Phase III, CDM Project No. 6447-45139, Response to Comments*. Prepared by: Camp Dresser and McKee, Raleigh, NC. March 9, 2005.

24. *Buncombe County North Carolina, Buncombe County Solid Waste Management Facility, Permit to Construct Application for Phase III, CDM Project No. 6447-45139, Operations Plan Response to Comments*. Prepared by: Camp Dresser and McKee, Raleigh, NC. April 25, 2005.

25. *Buncombe County, North Carolina, Solid Waste Management Facility, Phase 1 of Cell 6, Construction Quality Assurance Report.* Prepared by: Camp Dresser and McKee, Raleigh, NC. June 24, 2005. Volume 1.

26. *Buncombe County, North Carolina, Solid Waste Management Facility, Phase 1 of Cell 6, Construction Quality Assurance Report.* Prepared by: Camp Dresser and McKee, Raleigh, NC. June 24, 2005. Volume 2.

27. *Buncombe County, North Carolina, Solid Waste Management Facility, Phase 1 of Cell 6, Construction Quality Assurance Report, Additional Documentation*. Prepared by: Camp Dresser and McKee, Raleigh, NC. July 25, 2005.

28. *Buncombe County, North Carolina, Solid Waste Management Facility, Cell 6 Construction Quality Assurance Report.* Prepared by Camp Dresser and McKee, Raleigh, NC. January 20, 2006, Volume 1.

29. *Buncombe County, North Carolina, Solid Waste Management Facility, Cell 6 Construction Quality Assurance Report.* Prepared by Camp Dresser and McKee, Raleigh, NC. January 20, 2006, Volume 2.

30. *Buncombe County, North Carolina, USEPA Project XL Bioreactor Phase I, Buncombe County Solid Waste Management Facility, Construction Quality Assurance Report*. Prepared by: Camp Dresser and McKee. Raleigh, NC. January 27, 2006.

31. *Buncombe County Solid Waste Management Facility, Cell 6 Gas Collection System.* Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. May 25, 2006.

32. *Buncombe County Solid Waste Management Facility Cell 6 Gas Collection System, CQA Report.* Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. August 2006

33. *Compliance Order, Buncombe County Landfill, Permit #11*-07. Prepared by: Paul Crissman. Prepared for: The Division of Waste Management, Solid Waste Section. September 7, 2007. Document ID Number 3005.

34. *Leachate Spill Assessment Plan, Buncombe County Subtitle D Landfill, Alexander, North Carolina, Permit #11-07*. Prepared by: CDM. Prepared for: Buncombe County. September 19, 2007. Document ID Number 3086.

35. *Conditions for Compliance, Buncombe County Subtitle D Landfill, Alexander, North Carolina, Permit #11-07*. Prepared by: CDM. Prepared for: Buncombe County. October 11, 2007. Document ID Number 3223.

36. *Leachate Spill Assessment, Buncombe County Subtitle D Landfill, Alexander, North Carolina, Permit #11-07*. Prepared by: CDM. Prepared for: Buncombe County. November 13, 2007. Document ID Number 3789.

37. *Review Letter, Buncombe County MSWLF, Permit No. 11-07, Buncombe County.* Prepared by: Larry Frost. Prepared for: The Division of Waste Management, Solid Waste Section. December 10, 2007. Document ID Number 3526.

38. *Buncombe County, North Carolina, Buncombe County MSWLF – Permit No. 11-07, Response to Comments.* Prepared by: CDM. Prepared for: Buncombe County. April 14, 2008. Document ID Number 4391.

39. *Buncombe County Solid Waste Management Facility Permit No. 11-07, Permit Modification Revised Operations Plan.* Prepared by: CDM. Prepared for: Buncombe County. June 9, 2008. Document ID Number 4856.

40. *Alternative Cover Material – Posi-Shell and Tarps Demonstration Report and Revised Operation Plan*. Prepared by: CDM. Prepared for: Buncombe County. June 13, 2008. Document ID Number 5156.

41. *Alternative Cover Material – Posi-Shell and Tarps Demonstration Report and Revised Operation Plan*. Prepared by: CDM. Prepared for: Buncombe County. November 10, 2008. Document ID Number 6221.

42. *Response to Comments*: *Alternative Cover Material Demonstration Report and Revised Operation Plan*. Prepared by: CDM. Prepared for: Buncombe County. February 23, 2009. Document ID Number 6904.

CONSTRUCTION AND DEMOLITION LANDFILL

Documents 1-6 contained in previous permits.

7. *Buncombe County North Carolina Buncombe County Solid Waste Management Facility, Construction and Demolition Debris Landfill Phase 4 Expansion, Permit Application.* Prepared by Camp Dresser & McKee, Raleigh, NC. Prepared for Buncombe County. June 2, 2005 as amended through October 28, 2005.

8. *Inspection and Certification of Sub-grade Condition, Buncombe County C&D Landfill Phase 4 Expansion*. Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. April 12, 2006.

9. *Monitoring Well Installation and Initial Sampling Report, Buncombe County C&D Landfill Phase 4 Expansion*. Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. April 26, 2006.

10. *Construction Certification Phase 4 C&D Landfill Expansion Project.* Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. May 31, 2006.

11. *Buncombe County North Carolina Buncombe County Solid Waste Management Facility, Permit No. 11-07, C&D Operation Plan Modification – Asbestos Disposal.* Prepared by CDM, Raleigh, NC. Prepared for Buncombe County. December 2007. Document ID# 3848.

LAND CLEARING AND INERT DEBRIS LANDFILL

MISCELLANEOUS FACILITIES

HOUSEHOLD HAZARDOUS WASTE PERMANENT COLLECTION FACILITY

1. *Permit Application (operation plan, contingency plan and closure plan) for Buncombe County Household Hazardous Waste Permanent Collection Facility*. Prepared by Buncombe County for Buncombe County. October 9, 2000 and amended through February 2001.

ATTACHMENT 4
CONDITIONS OF PERMIT

PART I: GENERAL FACILITY CONDITIONS

1. This permit shall expire September 12, 2011. Pursuant to 15A NCAC 13B .0201(e), no later than March 12, 2011, the owner or operator must submit an application for amendment or modification to the permit for review to the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (hereinafter "Section"). The application must be prepared in accordance with 15A NCAC 13B .1603 (a)(2) or 15A NCAC 13B .1603 (a)(3), as applicable.

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. [Intentionally Blank]

5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.

6. Operation of this solid waste management facility shall 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 3, "List of Documents for the 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 and through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules.

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.

10. This facility is permitted for an average annual disposal rate of approximately 170,000 tons. This tonnage corresponds to an approximate disposal rate of 545 tons per day based on 312 operating days per year, as set forth in Part II, Document 18, Attachment 3. The landfill is permitted to receive solid waste generated by and in Buncombe County, consistent with local government waste management plans(s), with local government approval and contract, the franchise agreement, and as defined in G.S. 130A-290(a) (35), except where prohibited by the North Carolina General Statutes Article 9 of Chapter 130A, and the rules adopted by the Commission for Health Services.

11. In the event of conflicts between this Permit to Operate and previously issued conditions, the conditions of this Permit to Operate shall supersede previously issued conditions.

12. The solid waste management units within this facility shall conform to all operating procedures described in the approved plans, 15A NCAC 13B, and the conditions specified herein.

13. Additional conditions and revision of the approved documents or changes during the operation of the landfill require approval by the North Carolina Solid Waste Section.

14. Ground water quality at this facility is subject to the "Classifications and Water Quality Standards Applicable to the Groundwater of North Carolina", 15A NCAC 2L. This includes, but is not limited to, provisions for detection monitoring, assessment, and corrective action.

PART II: MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS

OPERATIONAL CONDITIONS

15. This permit approves the continued operation of Phases 1 and 2, Cells 1-5 and operation of Cell 6 of the municipal solid waste landfill unit as well as the on-site environmental management and protection facilities as described in the approved plans.

16. This permit is for operational approval of a five-year permitted disposal capacity of approximately 3,255,999 cubic yards, consistent with the configuration as shown on Sheet EP-3 and contours as shown on Sheet EP-5 of Document 20, Attachment 3, Part II in the approved plans. The landfill will be constructed in four additional phases, Phases 4-7. Construction of cells within each phase shall be in accordance with the Division approved plans. This permit to operate does not approve operation of phases or cells outside of Cell 6.

17. The owner or operator of the landfill facility 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 any 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.

18. 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.

19. All sedimentation/erosion control activities must be conducted in accordance with the Sedimentation Control Act codified at 15A NCAC 4.

20. The primary access road to the facility is N. C. State Highway 55 Bypass. Any changes to this primary access to the site shall require a new facility permit.

21. The use of alternative daily cover requires approval, prior to implementation, by the 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 shall 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 3. Even with approval of alternative cover materials, 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.

    a. The use of a fabric reinforced tarp as an alternate daily cover is approved and subject to the terms and conditions of operation as set forth in the plan.
    b. The use of Posi-shell as an alternate daily cover is approved and subject to the terms and conditions of operation as set forth in the plan.
    c. The use of a 30/70 mulch/soil mixture as an alternate daily cover is approved and subject to the terms and conditions of operation as set forth in the plan.

22. Leachate recirculation system construction and operation is approved as per the approved documents. Leachate recirculation system on going construction quality assurance (CQA) documentation shall be maintained by the owner/operator at the facility. Monitoring information gathered in accordance with the leachate recirculation monitoring plan shall be submitted to the Division. Additional moisture

(water) source shall be the French Broad River. Additional moisture shall be added to the leachate lagoon in accordance with Section 3 of the approved application.

23. Prior to disposal in a new cell previously separated from the active disposal cell by rainwater and leachate separation devices involving rainwater flaps welded to the liner and/or disconnected leachate lines, a construction certification shall be placed in the facility operating record. The certification must describe the proper removal of temporary rainwater devices and reconnection of leachate collection lines in accordance with Attachment 3, Part II, Document No. 8 of this permit. The document must also contain a statement of certification by the facility's trained landfill operator, N. C. registered professional engineer, or other person approved by the Section, that the construction was properly completed according to the approved plans.

24. The proper removal of geotextile covering the gravel column, occurring with the progression of fill, shall be documented by the facility's trained landfill operator, or other person approved by the Section, in accordance with Attachment 3, Part II, Document No. 8 of this permit, and the documentation shall be placed in the facility's operating record.

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. Closure or partial closure of any MSWLF unit shall be in accordance with the Closure Plans described in the approved plans and 15A NCAC 13B .1629. Final Closure Plans shall be submitted to the Division at least 90 days prior to implementation. Closure and Post-Closure cost estimates and financial instruments shall be updated annually pursuant to 15A NCAC 13B .1628.

MONITORING AND REPORTING

27. Groundwater, surface water, and methane monitoring locations must be established and monitored as identified in the approved plans.
28. 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.
29. The owner or operator must sample the groundwater monitoring wells and surface water sampling locations semi-annually or as otherwise directed in writing by the Solid Waste Section Hydrogeologist.
30. Reports of the analytical data for each monitoring event shall be submitted to the Section within 60 days of the respective sampling event. Analytical data shall be submitted in a manner prescribed by the Section. Records of all groundwater, surface water, and leachate analytical data shall be kept as part of the permanent facility record.

31. The four independent samples which comprise the initial baseline sampling event shall be collected from each groundwater monitoring well and the report shall be submitted to the Section within six months after issuance of the Permit to Operate.

32. Untreated leachate shall be sampled and analyzed at least semi-annually concurrently with the groundwater water and surface water sampling. The leachate shall be analyzed for all Appendix I constituents, pH, specific conductance, BOD, COD, nitrates, sulfates, and phosphates. Test results shall 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.

33. A readily accessible unobstructed path shall be cleared and maintained so that four-wheel vehicles may access monitoring well locations at all times.

34. 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 shall be kept as part of the permanent facility record.

35. 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.

36. 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.

37. 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.

38. 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 the initial placement of waste 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 III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS

39) This permit is for the operational approval of Phase 4 of the C&DLF unit, an approximate five year disposal capacity consisting of an additional 340,000 cubic yards, consistent with the approved contours as shown on the approved plans as described in Attachment 3, Part II, Document No. 7.

40) The permittee must not knowingly dispose of C&D waste that is generated within the boundaries of a unit of local government that by ordinance:

a) Prohibits generators or collectors of C&D waste from disposing of that type or form of C&D waste.

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

41) 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 C&D landfill unit in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.

42) The C&D landfill units are permitted to receive the following waste types:

a) “Construction or demolition debris” as defined in G.S. 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 G.S. 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 G.S. 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 G.S. 130-294(m).

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

44) Asbestos waste must be managed in accordance with 40 CFR 61. Disposal of asbestos waste must be in accordance with 15 NCAC 13B .0542 (c).

45) The Permittee must actively employ a training and screening program at the facility prepared in accordance with Section .0544(e) for detecting and preventing the disposal of excluded or unauthorized wastes. At a minimum, the program must include:

a) Random inspections of incoming loads or other comparable procedures.

b) Records of any inspections.

c) Training of personnel to recognize hazardous, liquid, and other excluded waste types.

d) Development of a contingency plan to properly manage any identified hazardous, liquid, MSW, or other excluded or unauthorized wastes. The plan must address identification, removal, storage, and final disposition of these wastes.

46) All sedimentation/erosion control activities must be conducted in accordance with the Sedimentation Control Act N.C.G.S. 113A-50, et seq., and rules promulgated there under at 15A NCAC 4.

47) 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 must address the following:

a) Design of a final cover system in accordance with 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.

Monitoring and Reporting Requirements

48) The following are groundwater monitoring requirements for the C&D landfill facility:

a) Groundwater and surface water monitoring locations must be established and monitored as identified in the approved plans (reference Attachment 3, Part II, Document No. 21).

b) The owner or operator must sample the monitoring wells semi-annually or as otherwise directed in writing by the Solid Waste Section Hydrogeologist.

c) 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.

d) 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.

49) 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.

50) The permittee must maintain a record of the amount of solid waste received at the C&D units, compiled on a monthly basis. Scales must be used to weigh the amount of waste received.

51) 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 C&D cells must be performed during the second quarter of the calendar year. The date and volumes, in cubic yards, must be included in the report.

d) The amount of C&D waste, in tons from scale records, disposed in landfill cells since October 1, 2003, 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 IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS

Not Applicable

PART V: YARD WASTE UNIT SPECIFIC CONDITIONS

Not Applicable

PART VI: MISCELLANEOUS UNIT SPECIFIC CONDITIONS

HOUSEHOLD HAZARDOUS WASTE PERMANENT COLLECTION FACILITY

OPERATION

52. The permit is for the construction and operation of a Permanent Household Hazardous Waste Collection Facility. Revisions to the approved plans shall be approved by the North Carolina Division of Waste Management (DWM), Solid Waste Section.

53. This permanent household hazardous waste collection facility is permitted to receive household hazardous waste (HHW) from homeowners and conditionally exempt small quantity generators. Unacceptable HHW that shall not be collected at this facility includes radioactive waste, explosives, and infectious waste.

54. Attachment 3, “Approved Documents”, is included in the approved plan.

55. This facility shall conform to all operating procedures in the approved plan, 15A NCAC 13B .0400, and the Guidance Document for HHW Facilities.

56. Household hazardous waste permanent ID No. NCPH01101011 shall be used for shipment of collected materials off-site.

REPORTING REQUIREMENTS

56. Buncombe County shall maintain records for the amount of HHW received at the facility and the amounts shipped off-site for recycling, reuse, and / or disposal. Records must be compiled on a monthly basis and maintained at the facility for inspection upon request by Solid Waste Section personnel.

57. On or before August 1 of each year, Buncombe County shall report to the Solid Waste Section, the amount of HHW waste (in pounds) received at this facility and the amounts shipped off-site for recycling, reuse, and / or disposal. The reporting period shall be for the previous year, beginning July and ending June 30.

58. Copies of this permit and copies of the approved plan shall be forwarded to the local fire department, local hospitals, and other appropriate emergency agencies.

- End of Section -