Facility Permit No: 58-03
Madison County MSWLF Facility
Permit to Operate
Modification to Transfer Facility
March 20, 2007
Doc ID No RCO1084

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

MUNICIPAL SOLID WASTE LANDFILL

FACILITY PERMIT

MADISON COUNTY
is hereby issued a

MODIFICATION
To the
PERMIT to OPERATE
For the
TRANSFER FACILITY

at the Madison County MSWLF facility located off Sweetwater Road, Marshall Township, Madison County, North Carolina, 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
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
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Edward F. Mussler, III, P.E.,
Permitting Branch Supervisor
Solid Waste Section

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ATTACHMENT 1
Permit History

MSWLF FACILITY PERMIT NO: 58-03	**ISSUANCE DATE**
Original MSWLF Facility-PTC	April 10, 1992
Original MSWLF Facility-PTO	September 13, 1993
MSWLF ceased disposal January 2004	
Modification: C&DLF Unit 1-PTC & O	March 22, 1995
Modification: C&DLF Unit 1-expansion-PTC & O	June 2, 2003
Modification: C&DLF Unit 2-PTC	May 3, 2006
Modification: C&DLF Unit 2-PTO	October 19, 2006
Modification: Transfer Facility-PTC & O	February 5, 2002
Modification: Transfer Facility-PTO(Change of Disposal Site)	March 20, 2007
Modification: HHW Collection Facility-PTC & O	February 28, 2002

ATTACHMENT 2
Approved Documents

PART I: GENERAL FACILITY

N/A

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT

N/A

PART III: CONSTRUCTION AND DEMOLITION LANDFILL UNIT

1. *Madison County Landfill Construction & Demolition-Unit 2, Permit to Construct Submittal Package*. Prepared by McGill Associates, Asheville NC. Prepared for Madison County. April 2006.

2. *CQA Report and Operations Plan, C&DLF Unit 2, Madison County, NC*. Prepared by McGill Associates, P.A., Asheville, NC. Prepared for Madison County. October 12, 2006.

PART IV YARD WASTE CONDITIONS

Not Applicable

PART V MISCELLANEOUS TRANSFER, TREATMENT & PROCESSING FACILITIES CONDITIONS

TRANSFER FACILITY

1. *Approved Transfer Facility Permit Application and Operations Plan*. Prepared by McGill Associates. Prepared for Madison County. September 14, 2000 and revised December 7, 2000.

2. *Letter on behalf of Madison County requesting a Permit to Operate and including As-Built Record Drawings of the Facility.* Prepared by McGill Associates. Prepared for Madison County. November 26, 2001.

3. *Letter from James Huff on behalf of Madison County notifying the Solid Waste Section of a change in the disposal facility for their solid waste and requesting a modification to the permit for the transfer facility.* March 8, 2007.

ATTACHMENT 3

Conditions of the Permit to Operate

PART I: GENERAL FACILITY CONDITIONS

1. The Facility permit shall be reviewed on October 18, 2011, pursuant to 15A NCAC 13B .0201(e). No later than April, 2011, Madison County shall submit to the Solid Waste Section for review an amendment to the permit prepared in accordance with 15A NCAC 13B .1603(a)(2), or a permit modification prepared in accordance with 15A NCAC 13B .1603(a)(3), as applicable.

2. This facility is permitted to receive solid waste generated by and in Madison County, consistent with local government waste management plans(s) and with local government approval 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.

3. This permit is not transferable.

4. The owner or operator of the landfill facility shall not knowingly dispose 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.

5. 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 landfill units in accordance with G.S. 130A-309.25 and addressed by memorandum dated November 29, 2000.

6. 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.

7. 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.

8. 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.

9. On or before August 1 annually, the permittee shall report the tons of waste received and disposed in the landfill units 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:
      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.

   e. A measurement of volume utilized in the CDLF landfill cells shall be performed during the second quarter of the calendar year. The date and volume, in cubic yards, shall be included in the report.

   f. The amount of waste, in tons from scale records, disposed in the C&DLF landfill cells since October 19, 2006 through the date of the annual volume survey.

10. 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 SOLID WASTE LANDFILL SPECIFIC CONDITIONS
MSWLF Unit Closed: Closure/Post-Closure Conditions specified in Permit for Closure

PART III: CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL UNIT SPECIFIC CONDITIONS

General Conditions

11. The anticipated operating life of this unit is approximately five years; however, if the unit operates past June 30, 2008, the owner/operator shall comply with the rules in effect at that time.

12. The C&DLF unit is permitted to receive construction or demolition debris and land clearing and inert debris as follows:

    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. A land clearing and inert debris landfill as defined in Rule .0101(54) means a facility for the land disposal of land-clearing waste, concrete, brick, concrete block, uncontaminated soil, gravel and rock, untreated and unpainted wood and yard trash.

    c. Land Clearing Waste as defined in Rule .0101(53) means solid waste which is generated solely from land clearing activities, limited to stumps, trees, limbs, brush, grass, and other naturally occurring vegetative material.

    d. Asphalt in accordance with G.S. §130A-294(m).

13. The C&DLF unit shall not receive the following waste types:

    a. "Yard trash" as defined in G.S. 130A-290(a) (45) shall not be disposed in the landfill area. However, yard trash along with land-clearing debris may be accepted for processing as mulch or disposal in a LCID landfill.

    b. Municipal solid wastes, hazardous wastes, industrial or liquid wastes are not permitted for acceptance or disposal in the C&DLF unit.

Operational Conditions

14. Operation of the C&DLF unit shall be in accordance with 15A NCAC 13B, Rule.0505, the approved Operations Plan, and the following specific conditions.

15. Waste shall be covered with six inches of suitable cover at least once per week, or when the active working area reaches one-half acre in size, or more often as necessitated by the nature of the waste, so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials,

vectors, or water infiltration. Areas that have not received additional waste for twelve months or more, but where final elevations have not been reached, shall be covered with one-foot of soil cover.

16. The permittee shall actively employ a screening program for the C&DLF 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.

17. Closure Requirements. The C&DLF unit shall be closed in accordance with the approved plans and the requirements of the Division of Waste Management at the time of closure. 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&DLF 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;

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

Monitoring and Reporting Conditions

18. Ground-water monitoring wells and monitoring requirements for the C&DLF Unit shall be in accordance with the monitoring system approved for the facility and these additional conditions:

    a. The permittee shall sample the monitoring wells on a semi-annual basis, or as directed by the SWS Hydrogeologist.

b. Sampling methods and equipment shall conform to specifications in, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities". Sampling parameters shall conform to those found in, "Sampling and Analysis Requirements".

c. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each sampling event shall be submitted to the Division in a timely manner.

d. A readily accessible unobstructed path shall be maintained so that four-wheel drive vehicles may access the monitoring wells at all times.

19. 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 Section in a timely manner.

20. Explosive gas monitoring shall be performed as needed to ensure compliance with the standards in Rule .0503 (2) (a).

PART IV: LAND CLEARING AND INERT DEBRIS UNIT SPECIFIC CONDITIONS

Not Applicable

PART V: MISCELLANEOUS UNIT SPECIFIC CONDITIONS
TRANSFER FACILITY

21. This facility shall receive solid waste that is generated within Madison County and shall transport that waste for disposal at the Lakeway Recycling and Sanitation landfill, located at Lowland, Tennessee on Hwy. 160, Tennessee DEC Number SNL32-0280.

22. This permit is for the operation of the Transfer Facility in accordance with the approved plans. Any future modification to these plans shall be approved by the NC Solid Waste Section.

23. All sedimentation and erosion control activities shall be conducted in accordance with the Sedimentation and Pollution Control Act, 15A NCAC 4.

24. Operation of the facility shall occur in accordance with 15A NCAC 13B .0402 Operational Requirements for Transfer Facilities, the approved operations plan and these additional requirements:

25. Waste shall not be stored on the tipping floor after operating hours. Waste can be stored in transfer trailers, at the facility with covers in place, after operating hours, but no longer than 48 hours.

26. The tipping floor and transfer trailer loading area shall be maintained in a clean, sanitary condition after operating hours in accordance with the approved Operational Plan.

HOUSEHOLD HAZARDOUS WASTE COLLECTION FACILITY

27. This permit is for operation of a Permanent Household Hazardous Waste Collection Facility

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

29. Any revisions to the approved plan shall be approved by the North Carolina Division of Waste Management, Solid Waste Section prior to implementation.

30. This facility shall conform to all operating procedures in the approved plan, 15A NCAC 13B .0400, and the current Section policies and guidelines for HHW Collection Facilities.

31. Household Hazardous Waste Identification Number NCPH05802001 shall be used to ship wastes off site for recycling, treatment, or disposal.

Reporting Conditions

32. The permittee shall maintain records for the amount of HHW received at the facility and the amounts shipped off site for recycling, treatment, and disposal. Records must be compiled on a monthly basis and maintained at the facility for inspection upon request by Solid Waste Section personnel.

33. On or before August 1 of each year, the permittee shall report to the Solid Waste Section the amount of HHW (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 1 and ending June 30.

34. A copy of this permit and the approved plan shall be maintained at the facility. Copies of this permit shall be forwarded to the local fire department, local hospitals, and other appropriate emergency agencies.