Permit No.	Date	DIN
05-01	March 25, 2015	24042

Rec Ashe County Sherri 9

AMENDMENT TO PERMIT NO. 05-01
DATE ISSUED 2-5-92

STATE OF NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES

DIVISION OF SOLID WASTE MANAGEMENT

P.O. BOX 27687 RALEIGH, NC 27611

SOLID WASTE SECTION MAR 5 1992

S O L I D W A S T E P E R M I T

Ashe County

is hereby issued a permit to construct a

SANITARY LANDFILL

located

Adjacent to the Existing Sanitary Landfill
on NCSR 1558, near Jefferson, 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 on the attached sheet.

STATE OF NORTH CAROLINA
Ashe County
Office of Register of Deeds Filed for registration on the 2nd day of March 19 92, at 8:00 o'clock A M. and duly registered in said office this 2nd day of March 19 92, in Book 184 Page 818-831

SHIRLEY B. WALLACE
Register of Deeds
Wanda L. Goodman, Asst.

James C Coffey
James C. Coffey, Supervisor
Permitting Branch
Solid Waste Section

ATTACHMENT 1:

List of Documents for Approved Plan

1. 01 Nov 91: Revised Written Report;
2. 01 Nov 91: Revised Plan drawings;
3. 22 Jan 92: Revised Drawing #4;
4. 22 Jan 92: Addendum to Written Report:
   Added written narrative regarding Ground and Surface Water Monitoring Plan;
5. 22 Jan 92: Revision to Written Report:
   Revised Construction Sequence Section of Written Report;
6. 27 Jan 92: Revised Drawing #3.

AMENDMENT TO PERMIT NO. 05-01
FEBRUARY 5, 1992

S O L I D W A S T E P E R M I T

(PART 1: PERMIT TO CONSTRUCT)

CONDITIONS OF PERMIT:

GENERAL:

1. This permit shall not be effective unless the certified copy is filed in the Register of Deeds Office, in the grantor index under the name of the owner of the land in the county or counties in which the land is located. After recordation, the certified copy shall be returned to the Solid Waste section and shall have indicated on it the page and book number, date of recordation, and Register's seal.

2. When this property is sold, leased, conveyed or transferred, the deed or other instrument shall contain in the description section, in no smaller type than that used in the body of the instrument, a statement that the property has been used as a sanitary landfill.

3. This permit will be subject to review every five years as per 15A NCAC 13B .0201(c), according to the issuance date of the Permit to Operate. Upcoming amendments to the Solid Waste Management Rules, in accordance with the recently released Subtitle D revisions, may necessitate modifications of the construction and/or operation of this facility prior to the review date.

4. The approved plan is described by Attachment 1, "List of Documents for Approved Plan".

5. The permittee shall notify the Division of Solid Waste Management (DSWM) and conduct a pre-construction meeting prior to beginning construction activities on site. If construction does not begin within 18 months from the issuance date of this permit, then the permittee must obtain written approval from DSWM prior to construction and comply with any conditions of said approval.

6. Prior to receiving waste at this facility a Permit to Operate must be obtained. The requirements for this part of the Solid Waste Permit are described below in Construction Condition No. 3. The Conditions of Permit issued herein shall also be incorporated in the Permit to Operate.

7. This permit is not transferable.

CONSTRUCTION:

1. This permit is for construction of Module One of the lined expansion of Ashe County's Sanitary Landfill, in accordance with the approved plan and as specified herein:

   a. The components of the engineered systems shall be constructed to meet the performance requirements established by the facility design.
   b. The main leachate collection lines and manholes shall be constructed to be watertight.
   c. Relative to the established performance requirements, design revisions and/or requests for variance, will be reviewed by the agency and accepted or rejected.
   d. For Module One, Construction Quality Assurance (CQA) activities, as described in the approved plan, shall be documented and summarized in a CQA report and illustrated with as-built drawings. The CQA Report and Document Drawings shall bear an imprint of the registration seal of the engineer licensed to practice in the State of North Carolina.
   e. The CQA report will include the following:
      (1) A summary of the methodology, modifications, and construction quality control measures necessary to construct the landfill in accordance with the approved plans and as specified herein; and
      (2) A complete description of the actual methodology and testing implemented to construct the compacted soil liner.

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

3. The following pre-operative requirements shall be met to obtain a permit to operate this facility:

   a. Site preparation shall be in accordance with the construction plan, and the conditions specified herein;
   b. Site inspection shall be made by a representative of the Division of Solid Waste Management (DSWM);
   c. The permit number and the words "NO HAZARDOUS, OR LIQUID WASTE ACCEPTED" shall be posted on an entrance sign;
   d. Upon completion of construction, the permittee will submit the CQA report and document drawings to the DSWM; within 30 days upon receipt, the agency will review the submittal and issue its concurrence that the facility was constructed as specified herein;
   e. All necessary Local, State, and Federal permits or approvals to manage leachate must be obtained; and

f. Groundwater monitoring wells (see Monitoring and Reporting Requirements) shall be installed and a baseline sampling performed. A copy of the Letter of Approval from the Solid Waste Section Hydrogeologist approving the monitoring plan shall be provided.

OPERATION:

1. This solid waste disposal facility is permitted to receive solid waste generated within Ashe County, as defined in 15A NCAC 13B, .0101(36), except that hazardous waste and liquid waste are prohibited from disposal at this site.

2. This facility shall conform to all operating procedures in Section .0505 of 15A NCAC 13B and as specified herein.

   a. All pertinent landfill operating personnel will receive training and supervision necessary to properly operate this landfill. Specifically, training must be provided in operational procedures that will prevent damage to the liner and leachate collection and removal systems.
   b. Leachate management, including the monitoring, sampling, storage, transportation and ultimate disposal will be conducted in accordance with the approved plan, the conditions specified herein, and all pertinent Federal and State rules and regulations. Additional sampling and monitoring of leachate required by the agency will be conducted upon request.

3. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Section .0503 (2)(d) of 15A NCAC 13B.

4. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:

   a. Existing contours, remaining capacity, actual limits of the waste boundary for each unit, and estimated date of closure;
   b. Construction and maintenance/operation of the final cover system, erosion control structures, and leachate management system.
   c. Surface water, ground water, and explosive gas monitoring.

MONITORING AND REPORTING REQUIREMENTS:

1. Ground water monitoring wells and monitoring requirements:

   a. Design and construction for monitoring wells shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities".
   b. A well completion record shall be submitted to DSWM for each monitoring well constructed within 15 days upon completion.
   c. Ground water monitoring wells shall be constructed and a baseline sampling performed prior to the acceptance of any waste in the new cell.
   d. Sampling equipment, parameters, and procedures shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by DSWM at the time of sampling.
   e. The permittee shall sample the monitoring wells semi-annually.
   f. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.

2. Upstream and downstream surface water monitoring stations shall be located as illustrated in the approved plan. Sampling equipment, parameters, and procedures shall conform to specifications outlined in the above-referenced guidance document (Attachment 2). Sampling frequency shall be semi-annually.

3. The permittee shall obtain a representative sample of untreated leachate and analyze the sample for total BOD, COD, and the water quality monitoring parameters referenced in Condition 1.e. of this section. This sampling shall be performed on an annual basis. With approval by DSWM, this sampling event may be satisfied by leachate monitoring performed for compliance with any pertinent leachate management permits and/or requirements.

5. The permittee shall develop a sampling schedule and maintain a record of all monitoring events and analytical data. Reports of the analytical data for each sampling event are to be submitted to DSWM in a timely manner.

6. Removal of all temporary surface water control structures shall be documented and a record maintained on-site.

7. The permitee shall maintain a record indicating the amount, in tons, of solid waste disposed at the facility, compiled on a monthly basis. To the maximum extent practicable, this record shall categorize the waste by type.

8. On or before December 1, 1992, and each year thereafter, the permittee shall report the amount of waste (in tons) received at this facility and disposed of in the landfill to the Solid Waste Section, on forms prescribed by the Section. This report shall include the following information:

   a. The reporting period shall be for the previous year, beginning July 1, and ending June 30;
   b. The amount of waste received and landfilled, in tons, compiled on a monthly basis; and
   c. Notification that a copy of the report has been forwarded to the county in which the facility is located.

9. All records shall be maintained on site and made available to the DSWM upon request.