

ATTACHMENT 2

Approved Documents

PART I: GENERAL FACILITY

Not Applicable

PART II: MUNICIPAL SOLID WASTE LANDFILL UNIT

1. *MSWLF FACILITY, PERMIT TO CONSTRUCT, PHASE 4, IREDELL COUNTY.*
Prepared by: Municipal Engineering Services, Garner, NC. Prepared for: Iredell County.
January, 2007. Revised May, 2007 and June, 2007.

PART III: CONSTRUCTION AND DEMOLITION WASTE LANDFILL UNIT

Not Applicable

ATTACHMENT 3

Conditions of Permit to Construct

PART I: GENERAL FACILITY CONDITIONS

1. This permit approves the Facility Plan that defines the comprehensive development of the facility including the total municipal solid waste landfill capacity, the municipal solid waste stream, all onsite solid waste management facilities and related facility infrastructure in accordance with 15 NCAC 13B .1619.
2. The approved plans are described in Attachment 2, "Approved Documents," Part II, Document 1. Where discrepancies may exist, the most recent approved submittal and Conditions of Permit shall govern.

Modifications to the facility may be required in accordance with rules in effect at the time of review of the request.

3. Should this municipal solid waste landfill facility be sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument a statement that the property has been used as a sanitary landfill and a reference by book and page number to the recordation of the permit.
4. The landfill is permitted to dispose solid waste that meets the definition provided in North Carolina General Statutes Chapter 130A-290(a)(35) and to accept for disposal solid waste generated from within Iredell County except as otherwise prohibited by North Carolina General Statutes Article 9 of Chapter 130A and rules adopted by the Commission for Health Services.
5. The facility is subject to the requirements of all applicable sections of the most recent version of the North Carolina Solid Waste Management Rules 15A NCAC 13B and the specific conditions contained herein.
6. This facility shall conform to the specific conditions set forth in this permit and the provisions of 15A NCAC 13B .1604(b)(2).
7. This facility permit is issued under the criteria set forth in 15A NCAC 13B .1603(a)(2). Any facility changes that are in conflict with the criteria established in 15A NCAC 13B .1603(a)(1) may require a new permit.

8. Iredell County shall submit an amendment to this permit pursuant to 15A NCAC 13B .1603(a)(2) for any subsequent phase of development.

Facility Construction Conditions

9. Iredell County shall conduct a preconstruction meeting, on site, prior to initiating construction of any unit/cell at the site and shall notify the Solid Waste Section 10 days prior to said meeting.
10. Construction of all solid waste management units within this facility shall be in accordance with the pertinent approved plans and only for those phases of development approved for construction as described in the Approved Documents.
11. Additional conditions and revisions of the approved documents or changes during construction of any landfill unit/cell require approval by the North Carolina Solid Waste Section.
12. Any modifications in sedimentation and erosion control activities require approval by the Land Quality Section. The Solid Waste Section shall be notified of any sedimentation and erosion control modifications.
13. Prior to construction of cell(s), all piezometers, ground-water monitoring wells, and borings, located in the proposed cell, shall be properly abandoned by overdrilling first (exception of non-cased borings) and sealed with grout in accordance with 15A NCAC 2C.0113(b)(1), titled "Abandonment of Wells".
14. In areas where soil is to be undercut, wells should not be grouted to pre-grade land surface, but to the proposed base grade surface to prevent having to cut excess grout and possibly damaging the wells.
15. The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to placement of any liner materials.
16. The owner's geologist shall be present to supervise all new monitoring well installations.
17. Any modification to the approved water quality monitoring plan shall be submitted to the Section Hydrogeologist for review and approval. Documentation of all changes to the approved plan shall be submitted with the well construction records.

18. Well abandonment record(s) (a completed GW-30 form) for each piezometer, ground-water monitoring well and boring shall be certified by the permit holder's geologist and submitted to the Solid Waste Section in accordance with 15A NCAC 02C.0114(b).
19. For each well constructed, a well construction record (completed GW-1 form), well schematic, boring log, and a description of well development activities shall be submitted to the Section within 30 days of well completion.
20. After well completion, provide a scaled map depicting the location of the new ground-water monitoring wells; existing ground-water monitoring wells, and abandoned piezometer / ground-water monitoring wells.
21. Prior to receiving waste at any unit of this facility, a Permit to Operate must be obtained from the Solid Waste Section in accordance with 15A NCAC 13B .0201(b).
22. The following requirements shall be met prior to waste disposal for any unit of this facility:
 - a. Site preparation shall be in accordance with the approved plans and the conditions specified herein.
 - b. The permittee shall arrange for a site inspection by a representative of the Solid Waste Section for the purpose of demonstrating that the facility construction is consistent with approved plans and specifications.
 - c. Prior to waste disposal in any new unit or cell, the permittee shall contact the appropriate regional Solid Waste Management Specialist to determine whether the Solid Waste Section chooses to hold a pre-operative meeting with key landfill personnel and representatives of the Solid Waste Section.

PART II: MUNICIPAL LANDFILL UNIT SPECIFIC CONDITIONS
In addition to Facility Construction Conditions

23. The Facility Plan approves the development of the MSWLF unit in five subsequent construction phases, each with an approximate five-year capacity. This facility has an anticipated total municipal solid waste disposal capacity of 6,661,379 cubic yards consistent with the approved final contours. Construction of cells within each phase and subsequent phases will be in accordance with the Division approved plans. This permit approves the construction of Phase 4, which consists of the following:
 - a. 12 acres,

- b. approximately 1,304,000 cubic yards of available and reasonably obtainable air space, and
- c. approximately 652,000 tons of waste over the 5-year planning period. The cumulative waste tonnage for the period is based on design waste receipts averaging about 12,500 tons per month.

Construction Conditions

- 24. The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process. Prior to the placement of any liner materials, the owner's geologist shall notify the Solid Waste Section Hydrogeologist in writing of the subgrade conditions and whether the subgrade conditions will adversely affect the design, construction or operation of the unit.

Pre-Operational Conditions

- 25. Ground water monitoring wells and surface water sampling locations associated with Phase 4 shall be sampled for the Appendix 1 constituent list prior to issuing the Permit to Operate in accordance with 15A NCAC 13B .1633

PART III: CONSTRUCTION AND DEMOLITION DEBRIS UNIT SPECIFIC CONDITIONS

(Not Applicable)

PART IV: MISCELLANEOUS TREATMENT AND PROCESSING UNIT SPECIFIC CONDITIONS (Specify Unit Type) (Not Applicable)