

9-8-82



STATE OF MAINE  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
STATE HOUSE STATION 17 AUGUSTA, MAINE 04333

BOARD ORDER

IN THE MATTER OF

STATLER INDUSTRIES INCORPORATED	)	SITE LOCATION & SOLID WASTE ORDER
Augusta, Maine, Kennebec County	)	
PAPER MILL SLUDGE DISPOSAL SITE	)	
#00-4892-11020	)	FINDINGS OF FACT AND ORDER

After reviewing the project file which includes the application with its supportive data, agency review comments, staff summary and other related materials on file with regard to the above noted project, under provisions of Title 38, M.R.S.A., Sec. 483 and 1304, the Board finds the following facts:

1. On June 27, 1979, the Board of Environmental Protection approved an application from Statler Industries, Inc. to construct and operate a sludge disposal landfill in East Augusta. Phase I was constructed and began operating in 1979. On August 26, 1981, the Board of Environmental Protection granted a renewal of the 300-Foot Law for that portion of the sludge site within 300 feet of a tributary to Riggs Brook.
2. Condition number 10 of the permit requires that Statler shall "Submit for review and approval to the Board detailed construction plans and specifications for Phases II, III, IV, and V.
3. The applicant has now submitted an application for partial construction of Phase II to be undertaken in 1982. Addition plans for Phase II will be submitted for Board approval in late 1982 with construction in 1983. Final Phase II plans will be submitted at a future date.
4. Statler's Application for Site Approval, upon which the June 1979 permit was granted, proposed that the site be developed in five phases. Each of these phases would be constructed in stages. Upon completion of the first stage of a phase, dumping operations would shift to the next phase and the sludge in the first phase would be allowed to consolidate. When the second phase reached capacity, a new dike would be constructed above the first phase and a second lift of sludge placed in this area. Dumping would thus rotate between the phases until they were filled to capacity. Statler now proposes to modify the plan by combining the areas identified in the original application as Phases II and V, and III and IV, into two larger Phases II and III. The combination of II and V will be constructed initially, the combination of III and IV in the future. This development would also utilize one large dike between the two phases rather than a series of smaller dikes.
5. The development of the new Phase II area will cover a portion of the stream which flows through the center of the landfill area and through the 36-inc. culvert beneath the main retaining dam. (A stream alteration permit for the filling of this area was obtained from the Department of Inland Fisheries and Wildlife on October 1, 1979.) Runoff from the swale east of Phase II will be transported beneath the fill area and main retaining dam. The culvert which will transport the runoff beneath the sludge will be a 24-in. high density polyethylene pipe encased in concrete, and extended through the 36-in. corrugated metal pipe now in place. The pipe system will be covered with clay, to prevent migration of leachate into the culvert system.

Two leachate collection systems will operate within the Phase II area. The first system will collect leachate from the base of the landfill. This system will utilize a 6-in. basal layer of sand along the base of the landfill. Collection systems will be placed along the lowest portions of the swale to transport leachate from the basal layer to the existing leachate transport system. A second system, installed on the face of the main retaining dam, will collect precipitation on Phase II and leachate overtopping the Phase I dike. This system will also be tied into the existing leachate transport system.

6. In summary the application for 1982 construction of Phase II includes the following:
  - A. 24-inch high density polyethylene pipe for clean water runoff;
  - B. first stage of eastern retention dike;
  - C. basal and surface leachate collection system;
  - D. Phase I dike runoff channels;
  - E. beginning the southern access road.

Finishing Phase II - scheduled for 1983, will require completion of the southern access road, enlarging the eastern retention dike. Plans and specifications for 1983 work, as well as operating detail for Phase II, will be submitted for Board approval later this year.

7. The applicant has provided adequate evidence of financial capacity and technical ability to meet air and water pollution control standards.
8. The applicant has made adequate provision for solid waste disposal, the control of offensive odors, and the securing and maintenance of sufficient and healthful water supplies provided that all proposed 1982 Phase II work is completed before sludge is allowed to be placed in Phase II.
9. The applicant has made adequate provision for traffic movement of all types out of or into the development area.
10. The applicant has made adequate provision for fitting the development harmoniously into the existing natural environment and the development will not adversely affect existing uses, scenic character or natural resources in the municipality or in neighboring municipalities.
11. The proposed development will be built on soil types which are suitable to the nature of the undertaking.

THEREFORE, the Board APPROVES the application of STATLER INDUSTRIES INCORPORATED to construct items A-E of paragraph 6 subject to the following terms and conditions:

1. The Standard Conditions of Approval, a copy attached.

2. Plans and specifications for the remaining Phase II work shall be submitted for DEP approval before its construction is begun.
3. No sludge shall be deposited in Phase II until all proposed 1982 Phase II construction is completed, and until detail for Phase II operation is submitted by the applicant to the Department for review and receive approval from the Commissioner.
4. Results of all materials testing and performance testing as provided in construction specifications will be certified by applicant's engineer and reported to DEP.
5. DEP will be notified when installation of both the 24" pipe and basal sand blanket is begun.
6. Phase I shall be operated in such a manner and consistent with approved procedures so as to insure that no sludge from Phase I shall over flow the Phase I dike into Phase II.

DONE AND DATED AT AUGUSTA, MAINE, THIS 8TH DAY OF SEPTEMBER, 1982.

BOARD OF ENVIRONMENTAL PROTECTION

BY: 

HENRY E. WARREN, Chairman

PLEASE NOTE ATTACHED SHEET FOR APPEAL PROCEDURES....