



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

12-23-85

DEPARTMENT ORDER

IN THE MATTER OF

STATLER INDUSTRIES INCORPORATED                      )  
Augusta, Maine, Kennebec County                      )     SITE LOCATION ORDER  
DIKE CONSTRUCTION MODIFICATION                    )  
#L-004892-00-D-M    )     FINDINGS OF FACT AND ORDER

Pursuant to the provision of Title 38, M.R.S.A., Section 483, and 1304 the Department of Environmental Protection has considered the application of STATLER INDUSTRIES INCORPORATED with its supportive data, staff summary, agency review comments, and other related materials on file and finds the following facts:

1. The applicant is requesting approval to modify the second phase of construction of the main dike at the Statler Industries Sludge Landfill in East Augusta. The major work consists of raising the elevation of the Main Dam.
2. The applicant proposes to construct the shell of the west retaining dike out of granular material instead of onsite clay borrow. The core of the dike will consist of the on-site clay material.
3. The reason for the change is the difficulty in placing the clay at this time of year.
4. The use of a granular soil will allow construction to continue at this time of year and allow completion of the dike shell so as to provide containment of the spring high water.
5. The granular material will be placed in twelve inch lifts and compacted to 93 percent of modified proctor maximum dry density.
6. Exposed banks outside the landfill will be mulched until seeding can take place.
7. The preliminary sieve analysis indicates that the proposed construction material is a well graded granular material and will be compacted to 93 percent of modified proctor maximum dry density.
8. The dike will be completed in the spring using on-site clay as originally proposed and approved.
9. All other aspects of the September 8, 1982 Board Order remain the same.

BASED on the above findings of fact, the Department makes the following conclusions,

- A. The applicant has provided adequate evidence of financial capacity and technical ability to meet air and water pollution control standards provided the disturbed soil on the shell is seeded and mulched.

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- B. 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 the applicant submits plans for keying the clay core material into the existing core material and provided an as-built plan of the completed shell dike is submitted to the Department.
- C. The applicant has made adequate provision for traffic movement of all types into, out of or within the development area.
- D. 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 provided a sieve analysis is done for every 2000 cubic yards of granular material used.
- E. The proposed development will be built on soil types which are suitable to the nature of the undertaking.
- F. The proposed development will not pose an unreasonable risk that a discharge to a significant ground water aquifer will occur.

THEREFORE, the Department APPROVES WITH THE ATTACHED CONDITIONS the application of STATLER INDUSTRIES INCORPORATED to construct the dike shell with granular material instead of clay in Augusta, Maine, in accordance with the following conditions:

1. The Standard Conditions of Approval, a copy attached.
2. The applicant shall submit one sieve analysis for every 2000 cubic yards of granular material used for construction of the shell. The sieve analysis shall be submitted to the Department within 30 days of receiving results.
3. A final as-built plan of the completed shell dike, stamped by a Professional Engineer shall be submitted to the Department.
4. The applicant shall submit detailed plans on how the clay core material will be keyed into the existing core material when the dike is completed next year. The plan shall be submitted to the Department prior to construction.
5. The entire shell shall be mulched to prevent erosion and seeded next spring.

DONE AND DATED AT AUGUSTA, MAINE, THIS 23RD DAY OF DECEMBER, 1985.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY:   
HENRY E. WARREN, Commissioner

PLEASE NOTE ATTACHED SHEET FOR APPEAL PROCEDURES....