



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
20 RIVERSIDE DRIVE, LAKEVILLE, MA 02347 508-946-2700

file

MARGARET PAUL CELLUCCI
Governor

JANE SWIFT
Lieutenant Governor

BOB DURAND
Secretary

LAUREN A. LISS
Commissioner

COPY

June 8, 2000

Mr. Gregory Robbins
Marshfield DPW
870 Moraine Street
Marshfield, Massachusetts 02050

RE: APPROVAL WITH CONDITIONS
Application for: BWPSW22
LANDFILL- MINOR MODIFICATION
REUSE OF DREDGE MATERIALS

AT: Marshfield Municipal Landfill
23 Clay Pit Road
Marshfield, MA

Transmittal Number: W012003

Dear Mr. Robbins:

The Department of Environmental Protection, Solid Waste Management Section (the "Department") has completed its review of the permit application listed above in regard to the reuse of dredge materials at the Marshfield Sanitary Landfill ("Landfill") and determined the application is technically complete. The application was submitted on behalf of the Town of Marshfield by Weston & Sampson Engineers, Inc. (WSE) on May 8, 2000. It was reviewed in accordance with 310 CMR 19.000 Solid Waste Management Regulations and the Department's policy on "Reuse and Disposal Of Contaminated Soil at Massachusetts landfills", Policy #COMM-97-001 and Interim Policy #Comm-94-007, "Interim Policy for Sampling, Analysis, Handling and Tracking Requirements for Dredged Sediment Reused or Disposed at Massachusetts Permitted Landfills".

Submittals

The complete application reviewed by the Department consisted of permit application form BWP SW 22 and Transmittal Form #W012003 and text and analytical data summaries prepared by WSE.

WSE states that approximately 7,800 cubic yards of dredged material are now stockpiled in a field adjacent to the Town Pier Road. The material is sediment dredges from Marshfield harbor approximately six years ago.

Five composite samples of the material were analyzed for Total Arsenic, Cadmium, Chromium, Lead and Mercury metals, Total Petroleum Hydrocarbons, Polyaromatic Hydrocarbons, Volatile Organic Carbon, pesticides, PCBs and Conductivity.

WSE states that all concentrations were below RSC-1 and allowable landfill reuse concentrations. WSE proposed that the material be delivered to the Town of Marshfield Landfill by town employees, stockpiled temporarily at the active face, and then used for daily and intermediate cover on the uncapped portion of the Landfill. The Landfill is scheduled to cease accepting waste on June 30, 2000, and be completely capped by December 31, 2000.

Approval Conditions

The Department has determined the application is satisfactory and in accordance with the authority granted pursuant to Massachusetts General Laws, Chapter 111, Section 150A (M.G.L., C.111, §150A), hereby approves the reuse of the sediment currently stockpiled at Town Pier Road as daily and intermediate cover materials.

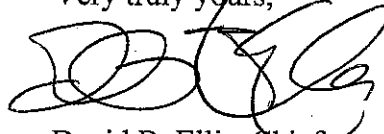
1. The sediment reuse shall proceed in compliance with Department regulations, requirements, policies, and/or as required by this permit. There shall be no deviation from these requirements without prior written approval from the Department.
2. During the continued operation and closure of the landfill the Town shall continue to comply with the applicable items in 310 CMR 19.130 Operation and Maintenance Requirements and 310 CMR 19.043 Standard Conditions. During the sediment reuse, landfill operation and final cover construction odors, dust, erosion, noise or other nuisance conditions shall be kept to a minimum and shall be prevented from creating a threat to human health and safety and the environment. In the event a nuisance condition develops, abatement measures shall be implemented immediately.
3. The Town shall strictly adhere to the requirements of Interim Policy #Comm-94-007, "Interim Policy for Sampling, Analysis, Handling and Tracking Requirements for Dredged Sediment Reused or Disposed at Massachusetts Permitted Landfills", including but not limited to, Section 6.0 Tracking and Reporting, Section 7.0 Handling, and Section 8.0 Landfill Operation Requirements.

Appeal

The Department has issued this permit pursuant to M.G.L., C.111, §150A. Any person aggrieved by this decision may appeal it pursuant to M.G.L., C.30A, §14. An appeal must be commenced no later than thirty (30) days from the date of this notice. Notice of an action or proceeding to appeal, including a statement of reasons, shall be served on the Department upon commencement of the appeal. In the event of an appeal, the Department reserves the right to reopen the permit proceedings, supplement the record and modify the approval.

If you have any questions or comments regarding this approval, please contact me at (508) 946-2833 or Dan Connick at (508) 946-2884 or at the letterhead address. In any correspondence regarding this approval, please reference permit Transmittal Number W012003.

Very truly yours,



David B. Ellis, Chief
Solid Waste Management Section

E/DC/cb

cc: Board of Health
Town Hall
870 Moraine Street
Marshfield, MA 02050

Board of Selectmen
Town Hall
870 Moraine Street
Marshfield, MA 02050

Weston & Sampson Engineers, Inc.
5 Centennial Drive
Peabody, MA 01960
ATTN: M. Richard, P.E.

DEP-Boston
ATTN: J. Doucett