



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NORTHEAST REGIONAL OFFICE

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March 2, 2007

Craig Forman  
Wayland Boosters Association  
25 Rolling Lane  
Wayland, MA 01778

RE: WETLANDS/WAYLAND  
DEP File # 322-0661  
264 Old Connecticut Path  
Request for Information

Dear Mr. Forman:

On January 16, 2007, staff from the Massachusetts Department of Environmental Protection's Wetland Program (MassDEP) conducted a site inspection at the site referenced above as part of a review for a Superseding Order of Conditions (SOC). The MassDEP has determined that additional information described below is necessary in order for the project to be evaluated in preparation for issuing a SOC.

As a result of observations made at the January 16, 2006 site inspection and additional research conducted by the MassDEP, MassDEP's Drinking Water Program has found that the current outfall for the athletic field's drainage system is within the Zone I (400-foot radius) for Happy Hollow Well No. 1, immediately upstream from the well. This outfall location would pose a potential threat to the well water quality even if the grass football field were retained as is. For example, bacteria were detected in the water from Happy Hollow Well No. 1 in 2001, from a source that remains unknown. The field drainage system remains a route of transport for bacteria or chemical disinfectants from the field to the municipal water supply. Artificial turf is often treated with disinfectant applications or coatings to kill bacteria and fungi. To address this potential problem, the MassDEP Drinking Water Program recommends *relocating the drainage outfall away from the Happy Hollow wells*. Relocation of the outfall will also better serve to protect public and private water supplies, both of which are interests of the Wetland Protection Act (WPA).

The Stormwater Management Form submitted with the Notice of Intent for the project claims the proposed design will not discharge to or affect a Critical Area (Standard 6) and also claims Redevelopment status under Standard 7. The Wetland Program finds that the proposed project as designed will discharge to a Critical Area under the Stormwater Management Policy (SWMP), as the current outfall pipe for the athletic field's drainage system is within a Zone I. The project as currently proposed would need to meet the requirements for Critical Areas under the SWMP. This requires that runoff volume to be treated be based on a calculation of 1.0 inch of runoff for the total impervious area of the post-developed site. The proposed project also results in the net increase of 20,780 square feet of impervious area and therefore cannot be claimed as a Redevelopment project under Standard 7 of the SWMP. The project as currently proposed would need to meet the full Standards (1 through 9) of the

SWMP, including the Critical Area treatment standard. If the discharge pipe is removed from the Zone I, the Critical Area standard would no longer apply and the project would have to meet Standards 1- 9 of the SWMP, including treatment of the first 0.5 inches of runoff as currently presented in the SWM plan for the site.

1. Please provide revised plans prepared and stamped by a registered engineer showing the following:
  - a) Provide an alternative design that relocates the outfall pipe connected to the underfield drains and infiltration trench for the athletic field, to a location outside of the Zone I of the Happy Hallow wells.
  - b) Provide a profile of the infiltration trench design, including the results from at least two test pits to be conducted in the location of the infiltration trench showing depth to mean annual high groundwater (MAHGW). In accordance with the SWMP, the base of the infiltration trench must be at least 2 feet above the MAHGW.
  - c) To comply with the SWMP, please provide an Operation & Management (O & M) Plan. The O & M Plan should address snow storage and removal of sediments from the infiltration trench.

In accordance with the Regulations, at 310 CMR 10.05(7)(f) 2, additional information must be submitted **with in 70 days** of this request. If you need additional time, please contact me before the 70 day time line has passed. Copies of all information submitted to DEP must at the same time be sent to all parties listed below.

If you have any questions regarding this letter, please contact me at (978) 694-3359.

Very truly yours,



Nancy M. White  
Environmental Analyst  
Wetlands and Waterways Program - NERO

Cc: Conservation Commission, Town Building, 41 Cochituate Road, Wayland, MA 01778  
Thomas Sciacca, 31 Rolling Lane, Wayland MA 01778  
Gale Associates, Inc., 163 Libbey Parkway, Weymouth, MA 02189  
Town of Wayland Public Schools, 41 Cochituate Road, Wayland MA 01778  
James Persky, James Dillon, MassDEP NERO Drinking Water Program