



# TOWN OF WAYLAND

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May 24, 2007

Commonwealth of Massachusetts  
Department of Environmental Protection  
Northeast Regional Office  
205B Lowell Street  
Wilmington, MA 01887

RE: Town of Wayland Water Department, PWS ID#3315000, Source Protection  
ATTN: James J. Dillon and James H. Persky

Gentlemen:

On behalf of the Wayland Board of Water Commissioners (BoWC) and the Wayland Water Department, please find outlined below the Town's plan and schedule for mitigating the non-water supply activities within the 400' protective zone surrounding the Happy Hollow wells ("the 400' Zone") as described in your letter of February 5, 2007 to BoWC Chairman Joel P. Goodmonson. Your letter was prepared following inspections of the area during which seven (7) non-water supply activities were identified within the 400' Zone surrounding each well. As you know, the wells are located on Town-owned land adjacent to the Wayland High School campus. Thus, some school athletic and community recreational facilities are located on school grounds within the 400' Zone.

Drainage from the High School athletic fields and drainage and stormwater runoff from the adjacent parking areas. The consulting engineering firm retained by the BoWC, Tata & Howard, has prepared drainage improvements for the parking areas that require installation of a grass-lined swale along the edge of pavement outside of the 400' Zone. The natural slope of the parking lot directs stormwater flow west and south across the lot, into the Zone I areas. A bituminous Cape Cod berm will be installed along this perimeter of the lot and direct flow southeasterly to the grass-lined treatment swale which will discharge outside of the Zone I. The Board, working with the Wayland School Department, will implement an operations and maintenance plan calling for more diligent housekeeping and increased sweeping of the parking lot. Additionally, the concerned parties will review the winter maintenance program for the lot relative to the types and amount of de-icers used for the parking areas and potential means of minimizing impacts from these constituents.

Drainage from the roof of the Field House will be collected by tying together three stormwater basins into a discharge structure. The drainage system for the athletic field will discharge outside the 400' Zone per plans filed pursuant to DEP File #322-0661 (Superseding Order of Conditions at 264 Old Connecticut Path) prepared by Gale Associates of Weymouth, MA. The work will be completed by September 30, 2007.

Use of parking areas. Overnight parking of school buses, including the office trailer, will be relocated within the Wayland High School complex to a parking area adjacent to the Community Pool building near the driveway entrance at Old Connecticut Path (outside the 400' Zone). This project will be completed by August 31, 2007. No vehicle maintenance activities will occur within the 400' Zone.

Student parking spaces that are located within the 400' Zone will be identified. In accordance with school policy and practice, student parking permits will be assigned to those parking spaces outside the 400' Zone in the 2007/08 academic year on a first come, first serve basis. Traditionally, this practice has provided sufficient parking spaces to meet student needs, except late in the school year when additional student obtain driving privileges and seek parking permits. By limiting use of the parking spaces within the 400' Zone in this manner, the number of school days and hours that vehicles are parked in the 400' Zone will be substantially limited. Parking in this area is limited to recreational use of the athletic facilities for non-school days (about 180 days per year).

Athletic activities. Homecoming events and other celebratory activities will not be conducted in the 400' protected zone. The Town will maintain its current best practices for maintenance of athletic fields in that only starter fertilizer and a park blend seed mix are used on those fields. Use of pesticides or herbicides of any kind is strictly prohibited anywhere on school grounds.

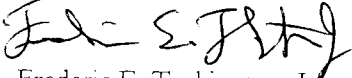
Between June 10 and August 15, 2007, repairs to cracks and heaves in the bituminous surface of the ten tennis courts will be made using the Armor Crack Membrane Repair system (US Patent #6,450,729 B1), after which the entire surface will be covered with one coat of Acrylic Resurfacer and two coats of Fortified Plexipave. Protective measures will be taken to avoid any of these products from leaving the impervious tennis court surface.

In summary, the BoWC and the Wayland Water Department have a specific plan to mitigate the non-water supply activities that currently occur or previously took place within the 400' Zone around the Happy Hollow wells. Appropriate funding is available for this project at this time and all elements of this plan are anticipated to be completed by September 30, 2007. Should the scope of work change and/or costs exceed the projected budget, we will appropriate additional monies in the fall of this year. We will provide additional information and final plans as they are completed.

We look forward to your approval of our plan and schedule for completion.

Very truly yours,

**FOR THE BOARD OF WATER COMMISSIONERS and the WATER DEPARTMENT**



Frederic E. Turkington, Jr.  
Town Administrator

c: Mark J. Lanza, Town Counsel  
Board of Water Commissioners  
Park & Recreation Commission  
School Committee  
Board of Selectmen