



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NORTHEAST REGIONAL OFFICE
205B Lowell Street, Wilmington, MA 01887 • (978) 694-3200

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

IAN A. BOWLES
Secretary

LAURIE BURT
Commissioner

February 23, 2010

*File: Perm. +
Correspondence*

Donald Millette
Wayland Water Department
41 Cochituate Road
Wayland, MA 01778

Re: City/Town: Wayland
PWS Name: Wayland Water Department
PWS ID #: 3315000
Program: System Modifications
Action: Approval to Activate
Baldwin Pond Treatment Facility

Dear Mr. Millette:

Please find attached the Department's approval to activate the Baldwin Pond Water Treatment Facility.

If you have any questions regarding this letter, please contact Hilary Jean at (978) 694-3229.

Sincerely,

Hilary Jean
Drinking Water Program
Northeast Regional Office

Sincerely,

James Persky
Acting Section Chief
Drinking Water Program
Northeast Regional Office

cc: DEP Drinking Water Program/WQA, 1 Winter Street, Boston MA (no attachment)
Randy Suozzo, Tata and Howard Inc., 67 Forest Street, Marlborough, MA 01752

File name: Y:\DWP Archive\NERO\Wayland-3315000-System Modifications-2010-2-23
Page 1 of 3

MassDEP approved plans and specification for Wayland's Baldwin Pond Treatment Facility in a letter dated September 27, 2007. The reader is directed to that letter for a concise description of the facility as planned and constructed.

The Department received a letter dated January 5, 2010 indicating that the facilities are fully operational, tested and ready to be placed on line. That letter also certified that the facility has been constructed in accordance with the Department's approval letter.

Department staff inspected the facility on February 16, 2010 and found that the facility was operating successfully and that the operator could vary rate of water flow with the chemical addition and the operation of the treatment process responding appropriately.

Wayland has submitted VOC, inorganic and bacteriological analyses showing that the quality of water produced meets all applicable standards.

The Staffing plan, dated November 30, 2009, lists three operators licensed to operate this T-2 facility. That plan states that the treatment plant will be operated for the first 30 days only when operators are present. Further, it is the intension of Wayland to operate the facility unmanned in the future with an operator present for 4 hours per day daily and 1 hour per day on weekends. **Prior to operating the treatment plant without licensed staff present, Wayland must apply for and received written approval from MassDEP a staffing exemption under 310 CMR 22.11B (5).** We suggest that the application for exemption address each on the line items in 22.11B (5) individually. In addition, Wayland must have a professional engineer justify why MassDEP should allow Wayland to operate the facility on weekends with an operator present less than 4 hours per day as is specifically required by 22.11B(5)g.

Wayland is granted approval to activate the Baldwin Pond Treatment Facility with the following additional conditions.

1. **By May 1, 2010**, Wayland shall notify MassDEP that all punch list items have been completed, including the installation of a "shoebox" hatch on the clearwell to conform with MassDEP guidelines.
2. Water Treatment Chemicals:
 - a. Chemicals: All chemicals used in the drinking water shall be approved for use in Massachusetts and comply with NSF Standard 60 and AWWA specifications.
 - b. Storage and Handling: A properly certified operator shall be present when any deliveries of chemicals are made. Handling and storage of any chemical shall conform to the Guidelines. All recommended safety equipment, including aprons, rubber gloves, a NIOSH approved respirator, and facemask, shall be available at the facility at all times when chemical is present at the facility. All safety equipment shall be inspected and maintained. A copy of the MSDS for each chemical stored shall also be available at all times at the facility.
 - c. Laboratory Equipment: The PWS shall have available appropriate laboratory equipment to monitor chemical residuals and appropriate water quality parameters.

- d. Reporting: The PWS shall report all chemical use to the Department monthly as outlined in 310 CMR 15(4).
3. Department Inventory Data: The Department has entered the treatment facility information into its database. The Department requests that the PWS verify and update the information as part of next year's annual statistical report.
4. **By March 1, 2010**, Wayland shall provide a written copy of its NPDES permit application to this office to the attention of Hilary Jean.
5. Maintenance of Records: The PWS shall maintain a copy of this letter at the facility for as long as the facilities described herein are in service.