



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

December 1st, 2004

Ms. Lana Carlsson-Irwin
Town of Wayland
Wastewater Management District
41 Cochituate Road
Wayland, MA 01778

Dear Ms. Carlsson-Irwin:

On November 18th, 2004 Mr. Paul Hogan (Massachusetts Department of Environmental Protection, MADEP), and Ms. Jeanne Voorhees (United States Environmental Protection Agency, USEPA) met with Mr. Prestone Cignarella and Mr. Chuck Terry of Aquarion Operating Services to conduct a site visit at the Wayland Wastewater Treatment Plant (WWTP). This site visit was conducted in preparation for the reissuance of the National Pollution Discharge Elimination System (NPDES) permit, No. MA0039853. The following paragraphs provide a summary of the information discussed during the site visit, including information that will be needed for the preparation of the draft permit and fact sheet.

An overview of the administrative process for the permit's reissuance was presented by MADEP and USEPA. During this overview, USEPA stated that a draft permit and fact sheet would likely be ready for public notice during the first quarter of the new year. At the request of Mr. Cignarella and Mr. Terry, copies of the pre-draft permit and fact sheet will be sent to them, as well as the final drafts. Also, copies of these documents will be sent to the Town of Wayland Wastewater Management District Commission.

During the site visit, the USEPA requested that Aquarion Operating Services provide a description and flow chart of the treatment process for purposes of developing the draft permit and fact sheet. We request this information be sent to Ms. Voorhees by the end of December (please see address below). Also, it was noted by the MADEP that a state application would need to be completed before an NPDES permit could be issued. This application can be located at the following web address:

<http://www.mass.gov/dep/brp/npdes/surffms.htm>

The application is titled *BRP WM 02A - Application for Permit to Discharge Municipal Wastewater*.

Probable changes between the current and reissued permit were discussed during the site visit. Potential changes in the reissued permit include, but are not limited to, the following:

- monthly average flows will be changed to an annual average,
- maximum daily limits on BOD₅ and TSS will be eliminated,
- influent monitoring of BOD₅ and TSS will be required,
- there may be a potential need for an aluminum limit,

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- whole effluent toxicity tests may be changed from two species to one based upon review,
- updated Inflow/Infiltration and sludge sections will be included, and
- phosphorus limits will very likely be more stringent.

The current WWTP operation and associated issues were discussed. Issues included operations/maintenance and staffing, industrial/commercial users, emergency backup, and alarm systems. It was determined that MADEP needs to review the WWTP's unit operations for rating purposes and, thereby, establish staffing needs. Also, the USEPA and MADEP were informed that new industrial/commercial users discharge to the WWTP including, but not limited to an autobody shop, restaurant, hair dressers, and a veterinary hospital. The USEPA will review whether an adequate sewer ordinance has been established to address industrial/commercial flows into the WWTP. The need for an emergency generator was discussed, and highlighted that it is a permit requirement. Also discussed was the need for an adequate alarm system for those hours when the WWTP is unattended.

Finally, we request that the Wayland Wastewater Management District Commission provide to the USEPA a list of all current and potential future users serviced by the WWTP as required by the current permit. Please provide this information to Ms. Voorhees by the end of December at the following address;

Ms. Jeanne Voorhees
USEPA
1 Congress Street
Suite 1100 (CPEO)
Boston, MA 02114-2023

If you have any questions concerning the reissuance of the NPDES permit or the items discussed above, please do not hesitate to contact Ms. Jeanne Voorhees at 617.918.1686, or Mr. Paul Hogan at 617.918.1875.

Sincerely,



Brian Pitt, Team Leader
NPDES Permits Unit
Office of Ecosystems Protection

cc. Paul Hogan, MADEP
Jeanne Voorhees, USEPA
Prestone Cignarella, Aquarion Services Company
Chuck Terry, Aquarion Services Company

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