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August 8, 2008

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CERTIFICATE OF THE SECRETARY OF ENERGY AND ENVIRONMENTAL AFFAIRS
ON THE
ENVIRONMENTAL NOTIFICATION FORM

PROJECT NAME : Neponset Street Water Treatment Facility
PROJECT MUNICIPALITY : Canton
PROJECT WATERSHED : Boston Harbor
EOEA NUMBER : 14274
PROJECT PROPONENT : Canton Department of Public Works
DATE NOTICED IN MONITOR : July 9, 2008

Pursuant to the Massachusetts Environmental Policy Act (G. L. c. 30, ss. 61-62H) and Section 11.06 of the MEPA regulations (301 CMR 11.00), I hereby determine that this project **does not require** the preparation of an Environmental Impact Report (EIR).

As described in the Environmental Notification Form (ENF), the project consists of the construction of a new 10,880 square foot (sf), 2.5 million gallon per average day (mgd) maximum capacity water treatment facility (WTF). The proposed treatment process for iron and manganese will utilize membrane filters followed by carbon contact. The WTF will provide treatment to the water from three nearby wells on the Forest Street well site and Well No. 7 from the project site. The 15.4-acre site contains an existing 291 sf pump station and Well No. 7, which is not currently permitted by the Department of Environmental Protection (MassDEP).

The project is undergoing review pursuant to Section 11.03(5)(b)(4) of the MEPA regulations, because it involves the construction of a new drinking water plant with a capacity of one million or more gallons per day. The project will require a Permit Approval to Construct a Water Treatment Plant (greater than 1 mgd) from the MassDEP. It will require a Sewer Use Discharge Permit for a Publicly-Owned Drinking Water Treatment Plant and a Direct Connection Permit to address backwash discharges, and it may require an 8(m) Permit for construction within an easement from the Massachusetts Water Resources Authority (MWRA). The project should comply with the National Pollutant Discharge Elimination System (NPDES) General Permit for stormwater discharges from a construction site. It will also require an Order of

Conditions from the Canton Conservation Commission for impacts to wetland resource areas. MEPA jurisdiction is limited to those aspects of the project within the subject matter of state permits and that may have significant environmental impacts (water treatment, wastewater treatment, wetlands, and stormwater).

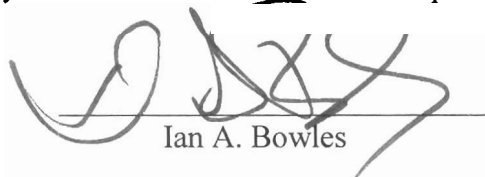
According to the proponent the proposed project will impact approximately 17,835 sf of Bordering Land Subject to Flooding. An increase in stormwater runoff from the project site will not occur. The proponent will implement Best Management Practices (BMPs). The impervious area will increase by approximately 25,000 sf for the proposed WTF. Some of the roadway and all of the loading area and building are within the Zone(s) I and II of Well No. 7. Existing site runoff at the site is sheet flow. The BMPs will include a detention area with a constructed wetlands/ bioretention area. Roof runoff will go to the detention/bioretention area. The proponent will provide a compensatory flood storage area of 25,000 sf/11,000 cubic feet. It will conduct an annual inspection and maintenance program for the stormwater system and a seasonal sweeping program for all paved surfaces within the project site.

Under the Water Management Act (WMA), the proponent is registered for an annual average withdrawal of 2.43 mgd. This average withdrawal is the total of withdrawals from the proponent's registered sources, consisting of five wells. The proponent can withdraw up to an annual average of 2.43 mgd from its sources. The WMA registrations are scheduled for renewal on February 28, 2010.

In its comment letter, the Massachusetts Historical Commission (MHC) has requested that the proponent conduct an intensive (locational) archaeological survey to identify any significant historic or archaeological resources that may be affected by the project. I ask the proponent to undertake this intensive survey and consult with MHC in order to minimize or mitigate any adverse effects.

Based on a review of the information provided by the proponent and consultation with the relevant public agencies, I find that the potential impacts of this project do not warrant the preparation of an EIR and can be properly addressed in the state and local permitting processes.

August 8, 2008
Date


Ian A. Bowles

Comments received:

MHC, 7/24/08
MA Water Resources Commission, 7/25/08

EEA #14274

ENF Certificate

August 8, 2008

Tata & Howard, 7/28/08,
MassDEP/SERO, 7/29/08
MWRA, 7/29/08

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