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April 11, 2008

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

PROJECT NAME : Industrial Park Sewer Extension  
PROJECT MUNICIPALITY : Medway  
PROJECT WATERSHED : Charles River  
EOEA NUMBER : 14203  
PROJECT PROPONENT : Medway Water and Sewer Department  
DATE NOTICED IN MONITOR : March 12, 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).

According to the Environmental Notification Form (ENF), the proposed project consists of the construction of 22,000 liner feet/4.5 miles of 18- and 12-inch in diameter sewer mains, one submersible pump station, and associated 6-inch diameter force mains to service the Industrial Park. The sewer main will be installed within the right-of-way (ROW) from the Industrial Park to an existing manhole located at the Village/Franklin Streets intersection. The project would include a sewer main in the following streets; Alder Street, West Street, Holbrook Street, Main Street, Village Street, Rob Way, and Waterview Drive. The proponent estimates that it is proposing approximately 5,445 linear feet of cross-country routes. These cross-country routes include an abandoned railroad ROW traveling parallel with Village Street and areas before and within the Industrial Park.

In 1983, an ENF (EOEA #4918) was submitted for the proposed roadways within the Industrial Park. On October 19, 1983, the Secretary determined that no further review was required.

The project is subject to MEPA review pursuant to Sections 11.03(3)(b)(1)(d) and 11.03(5)(b)(3)(c) because the project alters 5,000 or more square feet of Bordering Vegetated Wetlands (BVW) and includes the construction of one or more sewer mains 0.5 or more miles in length. The project will require a Sewer Connection/Extension Permit and a Water Quality Certificate from the Department of Environmental Protection (MassDEP). It must comply with

the National Pollutant Discharge Elimination System (NPDES) General Permit for stormwater discharges from a construction site. The project will require a Programmatic General Permit from the U.S. Army Corps of Engineers. It will need to obtain an Order of Conditions from the Medway Conservation Commission (MCC) for impacts to buffer zones and wetland resource areas as a "limited" project. Because the project is receiving Commonwealth funding (\$3.1 million from the Executive Office of Housing and Economic Development), MEPA jurisdiction extends to all aspects of the project that may have significant environmental impacts (wetlands, stormwater and wastewater).

According to the proponent, the project will temporarily impact the following wetland resource areas: 80 linear feet of Bank; 15,300 square feet (sf) of BVW; 1,800 sf of Land under Water; and 26,280 sf of Riverfront Area. The route of the sewer main project requires two brook crossings and five wetland crossings. The crossing of wetlands will be limited to 20-foot wide areas of disturbance.


The project is estimated to generate approximately 86,630 gallons per day (gpd) of average daily wastewater flow. This estimated flow includes existing and proposed development in the industrial park (about 50,000 gpd) and a potential 111 residential units (333 bedrooms) in the area to be sewered. The project flows to the Charles River Pollution Control District Wastewater Treatment Facility (WWTF) The WWTF has a capacity of 5.7 million gallons per day (mgpd), and it has recent average flows of 4.71 mgpd. With this additional wastewater flow, the proponent would be within its current allotment of 0.897 mgpd of sewage capacity at the WWTF. The proponent estimates that its daily sewer flow is typically about 0.755 mgpd. This estimated daily sewer flow has been corrected for the approximately 212 homes in the Town of Franklin, which are not metered and are connected to Medway's sewer service. This project would bring the proponent's sewer flow to within 94 percent of its 897,000 gpd of sewer capacity.

In its comment letter, MassDEP has requested that the proponent provide to it a discussion of alternatives and the construction methodology, and ownership of the pump station. Prior to connecting to the sewer, the industries within the industrial park should meet with MassDEP to determine if any pretreatment is needed before any waste is discharged to the sewer system. Because the industrial park is within a Zone II, the sewer in this area should be constructed using watertight materials. I agree with these MassDEP comments. MassDEP has sufficient permitting authority that any outstanding issues with this proposed project can be resolved through the sewer extension permitting process. The proponent should identify any certified vernal pool and the potential impacts to it to both the MCC and MassDEP as it is undergoing review for its respective Order of Conditions and Water Quality Certificate.

The project will require blasting in certain areas. I request that the proponent meet with neighbors to identify its proposed blasting plan. The proponent should use a non-perchlorate containing blasting material. A Blasting Permit will be required from the local fire department.

Based on a review of the information provided by the proponent, a review of the comment letters, and after 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 adequately addressed within the state and local permitting processes.

April 11, 2008  
Date



Ian A. Bowles

Comments received:

MassDEP/CERO, 3/27/08  
CRWA, 3/28/08  
Tata & Howard, 4/1/08

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