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May 23, 2008

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

PROJECT NAME : MCI – Plymouth Facility – Water & Wastewater Expansion
 PROJECT MUNICIPALITY : One Bumps Pond Road – Myles Standish State Forest - Plymouth
 PROJECT WATERSHED : Buzzards Bay
 EOE NUMBER : 14231
 PROJECT PROPONENT : Division of Capital Asset Management (DCAM)
 DATE NOTICED IN MONITOR : April 23, 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 development and construction of a new water supply well with a peak capacity of 67,500 gallons per day (gpd). The project also includes the construction and development of a wastewater treatment facility (approximately 3,528 sf) with a maximum capacity of 39,900 gpd. The increased water and wastewater capacity would allow the Department of Corrections (DOC) to accommodate the planned increase from 150 to 300 inmate beds at the facility. The increase in inmates would be accommodated within existing buildings on the prison campus. The new water supply well would replace an existing well with a capacity of 15,000 gpd. This existing well will be maintained as a backup source. The existing Title 5 Septic System has failed its inspection and needs to be replaced. The wastewater treatment facility will include an emergency generator. The proposed access road to the well will be gravel. The access road to the wastewater treatment facility will include about 1,000 sf of pavement. The well is being developed to address long-term water supply needs. The project includes the installation of about 200 linear feet of a 4-inch diameter water main from the new well to the water distribution system. It includes the installation of about 1,025 linear feet of 2-inch diameter force mains from the wastewater

treatment facility to the existing campus. The project site is approximately 407 acres.

This project is subject to review pursuant to Sections 11.03(2)(b)(1) and 11.03(5)(b)(4)(i) of the MEPA regulations because it alters a designated significant habitat and includes a new discharge of 10,000 or more gpd within a zone identified as a public water supply. It will require a New Source Approval and a Permit to Construct (water supply) from the Department of Environmental Protection (MassDEP). The proponent will also need to obtain a Groundwater Discharge Permit from MassDEP. It should consult with the Natural Heritage and Endangered Species Program (NHESP) to ensure that there are no impacts to endangered species in the area of the well and the wastewater treatment facility construction and during their operation. The project must comply with the National Pollution Discharge Elimination System (NPDES) General Permit from the U.S Environmental Protection Agency for stormwater discharges from a construction site. Because the project is being funded with Commonwealth funds, MEPA jurisdiction extends to all aspects of the project that may have significant environmental impacts.

The DOC currently is operating its existing well under an Administrative Consent Order (ACO) with MassDEP, which allows it to withdraw approximately 13,825 gallons per (average) day or 5.046 million gallons per year. The addition of this proposed well to its ACO would authorize approximately 52,500 gpd or 19.163 million gallons per year. The Zone I is approximately 9.24 acres and will be controlled by DOC.

The DOC should conduct a leak detection survey every two years. Each building should be metered to identify leaks within system easily. A master meter is located at the beginning of the water system. Prison buildings have been retrofitted with low-flow fixtures and waterless urinals. Many of the water fixtures also have timers installed. DOC buildings have floor drains that are tied into the sewer system. The water meters should be replaced on a periodic basis (every ten years). The master meter should be calibrated annually. The installation of water saving devices and low-flow toilets should be required in new construction and renovations by DOC. DOC should utilize water-efficient appliances.

During construction, DOC should provide an individual on-site, who is qualified in identifying Eastern Box Turtles and the endangered beetles, moths and butterflies to minimize impacts on the species, as directed by the NHESP.


Based on a review of the information provided by the proponent, DOC, and after consulting 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 in the MassDEP permitting process and during the consultation with the NHESP.

EEA #14231

ENF Certificate

May 23, 2008

May 23, 2008
Date


Ian A. Bowles

Comments received:

Horsley Witten Group (HWG), 5/7/08
HWG, 5/8/08
MA Division of Marine Fisheries, 5/9/08
Weston & Sampson, 5/12/08
MassDEP/SERO, 5/13/08
MassWildlife, 5/13/08
MassDEP/SERO, 5/14/08
HWG, 5/14/08

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