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July 25, 2007

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

PROJECT NAME : North Pasture New Water Supply and  
Water Storage Facility  
PROJECT MUNICIPALITY : Nantucket  
PROJECT WATERSHED : Cape and Islands  
EOEA NUMBER : 14048  
PROJECT PROPONENT : Wannacomet Water Company, Inc.  
DATE NOTICED IN MONITOR : June 25, 2007

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).

This project consists of the development of a new water supply on a 33-acre site in Nantucket by the Wannacomet Water Company. The project will include installation of a groundwater protection well, a 113-foot high water storage tank (including a pump control room and emergency communications station within the structure) and an approximately 30-foot wide access road connecting the site from Polpis Road to a proprietor's way off of Milestone Road. The project will alter 2.4 acres of land, create .05 acres of new, impervious surfaces and will withdraw approximately 480,000 gallons per day (gpd) of water.

The ENF indicates that the project will provide additional flexibility and redundancy in the management of the Town's water resources, which is necessary during periods of prolonged peak summer demand. In addition, the proponent indicates that this project will support reduced pumping at existing sources, minimize the impacts of these sources on natural habitats and reduce the potential for saltwater intrusion into the water supply.



The site is located on former town land (00 North Pasture) located between Polpis Road and a proprietor's way off of Milestone Road. The site is largely undisturbed and consists of wooded areas, some trails and a single family and associated access drive. It does not contain wetlands or surface waters. According to the 12<sup>th</sup> Edition of the MA Heritage Atlas, the site contains Priority Habitat for the Noctuid Moth (*Chaetagnathia cerata*), Barrens Buckmoth (*Hemileuca maia*), Barrens Daggermoth (*Acrionicta albarufa*), Chain Dot Geometer (*Cingilia catenaria*), Coastal Swamp Metarranthis Moth (*Metarranthis pilosaria*), Gerhard's Underwing Moth (*Catocala herodia gerhardi*), Melsheimer's Sack Bearer (*Cicinnus melsheimeri*), Pink Sallow (*Psectraglaea carnososa*), Straight Lined Mallow Moth (*Bagisara rectifascia*,) and the Nantucket Shadbush (*Amelancier nantucketensis*).

The project is undergoing MEPA review pursuant to Section 11.03 (2)(b)(2) and (4)(b)(1) because it requires a state permit and may result in the taking of a rare species and consists of new withdrawal of 100,000 or more gallons per day (gpd) that requires New construction for the withdrawal. The project requires a New Source Approval from the Department of Environmental Protection (MassDEP). It will require review by the Massachusetts Aeronautics Commission (MAC) and the Massachusetts Historical Commission (MHC). The project may require a Nonpoint Discharge Elimination System (NPDES) Stormwater Permit for construction activities from the US Environmental Protection Agency (USEPA).

NHESP comments indicate that the project, as proposed in the ENF, will not result in a "take" of any state-listed rare species. MassDEP comments do not identify any significant concerns with the proposed project. The proponent has completed preliminary groundwater investigations and will submit a pump test report to MassDEP. The ENF indicates that the surface of the water table is located approximately 50-feet below ground level and therefore, the project is not likely to affect wetlands or surface waters located up-gradient of the site. In addition, it notes that the proponent has installed master meters, a supervisory control and data acquisition system (SCADA) and new service meters to reduce unaccounted for water within the system.

The review of the ENF has served to adequately disclose the potential impacts associated with this project. Based on the information in the ENF and after consultation with relevant public agencies, I find that outstanding issues can be addressed adequately through state and local review and permitting processes. No further MEPA review is required.

July 25, 2007

Date



Ian A. Bowles

Comments Received:

- 7/16/07 Department of Environmental Protection /Southeast Regional Office  
(MassDEP/SERO)
- 7/13/07 Department of Fish and Game (DFG)/Natural Heritage and Endangered Species  
Program (NHESP)

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