



The Commonwealth of Massachusetts

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January 22, 2007

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

PROJECT NAME : Keelan Residence
PROJECT MUNICIPALITY : Spring Street - Marshfield
PROJECT WATERSHED : South Coastal
EOEA NUMBER : 13931
PROJECT PROPONENT : Gregory R. Keelan
DATE NOTICED IN MONITOR : December 23, 2006

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 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 a single family home of 7,315 square feet (sf), a swimming pool, driveway, and associated wetland crossing. The existing 31.17 acre site is vacant of structures and comprised of about 5 acres of uplands and the rest of the site is wetlands. The proponent proposes to construct a 10-foot wide access driveway onto Spring Street. It will remove a tire dump from the site.

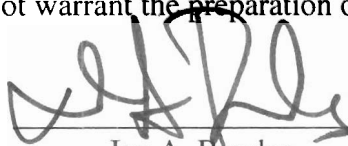
The project is subject to review pursuant to Section 11.03(3)(b)(1)(D) of the MEPA regulations because the project alters 5,000 or more sf of bordering vegetated wetlands (approximately 6,832 sf). It will require a Section 401 Water Quality Certificate from the Department of Environmental Protection (MassDEP). The project may need to comply with the National Pollutant Discharge Elimination System (NPDES) General Permit for stormwater discharges from a construction site. It will require a Programmatic General Permit from the U.S. Army Corps of Engineers. On January 4, 2007, the proponent received an Order of Conditions from the Marshfield Conservation Commission for impacts to wetland resource areas as a "limited" project. MEPA jurisdiction is limited to those aspects of the project within the subject matter of state permits and that may have significant environmental impacts (wetlands and stormwater).

The project will be supplied with public water by the local municipal system. The project is estimated to consume approximately 605 gallons per day (gpd) of water. It is estimated to generate approximately 550 gpd of wastewater, which will flow to a Title 5 Septic System.

According to the proponent, the project will affect the approximately 6,832 sf of Bordering Vegetated Wetlands (BVW) and 1,505 sf of isolated vegetated wetlands. The proponent is proposing to replicate approximately 9,745 sf of BVW within two upland areas. The proponent is proposing two small potential vernal pool areas and the installation of three open bottom culverts within the driveway to convey flows.

The quality of stormwater runoff generated by the project will be improved by the implementation of Best Management Practices. Existing site runoff is sheet flow. The proponent will create approximately 18,295 sf of impervious area. Runoff from the proposed driveway area will flow to French drains, drywells, or vegetated swales. Roof runoff will flow to drywells.

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.


Ian A. Bowles

January 22, 2007
Date

cc: Sharon Stone, MassDEP/SERO

Comments received:

Ivas Environmental, 1/9/07
MassDEP/SERO, 1/12/07

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