

Wetlands Board

May 8, 2013

A. Roll Call

B. Minutes

From April 10, 2013 Board Meeting

C. Public Hearings

1. W-21-13/VMRC 13-0431 – Moore/Winall – 164 The Maine – shoreline project

D. Board Considerations - None

1. W-02-13/VMRC 12-1071 – Sweany – 6405 Conservancy – mitigation consideration

E. Matters of Special Privilege

F. Adjournment

Wetlands Permit Application W-21-13/VMRC 13-0431: 164 The Maine

Staff report for the May 8, 2013 Wetlands Board Public Hearing

This staff report is prepared by James City County Engineering and Resource Protection to provide information to the local Wetlands Board to assist them in making a recommendation on this assessment. It may be useful to members of the general public interested in this assessment.

Existing Site Data & Information

Applicant: Mr. Jeffery Moore

Location: 164 The Maine, First Colony

Parcel Identification: 4540200055

Lot Size: 1.16 ac +/-

Watershed: James River (HUC JL-30)

Proposed Activity: Living shoreline, breakwaters and beach nourishment

Proposed Impacts

Vegetated Wetlands: Not Impacted

Non-Vegetated Wetlands: 200 square feet

Brief Summary and Description of Activities

Mr. Daniel Winall, on behalf of Mr. Jeffery Moore, has applied for a Wetlands Permit to install two 65 foot long breakwaters and associated sand fill beach nourishment. He is also proposing to remove an existing bulkhead, 50 feet of existing riprap revetment, and associated bank grading to create a living shoreline within the new intertidal area. Further, an open pile pier and boathouse are proposed as well.

The property is located at 164 The Maine within the First Colony subdivision, directly on the James River. The property is further identified as JCC Parcel Number 4540200055. Multiple site visits were conducted in winter and early spring of 2013 by staff to evaluate both the potential scope of the project and the existing conditions on-site.

The property is situated in a southerly facing direction and lies along the James River in James City County. The existing shoreline is currently a mixture of failing bulkhead and riprap revetment with a severely eroding upland slope. Mean low water and mean high water falls along the bulkhead and

majority of the existing revetment. The upland areas consist of a severely eroding slope and mature trees at the top edge and young growth trees near the bottom of the slope.

The project design proposes to install two 65 foot long by 20 foot wide breakwaters in the approximately 20 to 60 feet offshore and backfill between the structures with clean sand fill as beach nourishment. The core stone will be Class I riprap overlain with Class III stone. Additionally, *Spartina patens* and *Spartina alterniflora* will be planted behind the breakwaters. Approximately 200 square feet of non-vegetated wetlands will be impacted with this project. Although the exact planting area has not been determine, staff suggests that approximately 800 square feet be planted, evenly split behind each breakwater.

Staff Recommendations


The Joint Permit Application includes an open pile pier and boathouse (not under this Board's review), two breakwaters, associated beach nourishment, and slope grading, creating a living shoreline. The issue before the Board is the installation of the breakwaters and beach fill to create a living shoreline. Staff has fully reviewed the application and permit request and has determined that the conditions outlined in Section 22-4 (b) have been met. Additionally, staff requests the following conditions be a part of the permit:

1. Prior to any land disturbing activities, a preconstruction meeting will be held on-site; and
2. All other Federal, State, and Local permits required for this project shall be obtained prior to commencing work. Evidence of the securing of these permits must be provided prior to the pre-construction meeting; and
3. No woody vegetation shall be removed as part of this project outside of the scope unless approved by the Engineering and Resource Protection Division; and
4. Eight hundred (800) square feet of intertidal area be planted with a combination of *Spartina patens* and *Spartina alterniflora*. The amount shall be divided evenly behind each breakwater; and
5. The Engineering and Resource Protection Division Director reserves the right to require additional erosion and sediment control measures, including a turbidity curtain, for this project if field conditions warrant their use; and
6. The limits of work shall be flagged in the field prior to the pre-construction meeting; and
7. The wetlands permit for this project shall expire on May 8, 2014. If an extension of the permit is needed, a written request shall be submitted to the Engineering and Resource Protection Division no later than two weeks prior to the expiration date.

Consideration by the Wetlands Board

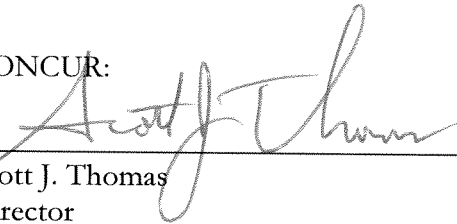
The exception granting body is permitted to require reasonable and appropriate conditions in granting the exception request in accordance with Section 22-8 of the County's Wetlands ordinance. The Wetlands Board is to fully consider Wetlands Permit Application W-21-13 as outlined and presented above and review the request for permitting. The Board may grant the permit with such conditions and safeguards as deemed necessary to further the purpose and intent of the County's Chapter 22 Wetlands Ordinance. Resolutions for granting approval or granting denial of Wetlands Permit Application W-21-13 are included for the Board's use and decision.

Staff Report prepared by:



Michael D. Woolson
Senior Watershed Planner

CONCUR:



Scott J. Thomas
Director

Attachments: Wetlands Permit Application Package