

Wetlands Board

May 9, 2007

A. Roll Call

B. Minutes - March 14, 2007

C. Public Hearing

1. W-09-07: Gloucester Environmental/Mary Morris - 1498
Bush Neck Road

D. Board Considerations

E. Matters of Special Privilege

F. Adjournment

MEMORANDUM

DATE: May 9, 2007
TO: The Wetlands Board
FROM: Patrick T. Menichino, Wetlands Board Secretary
SUBJECT: Case NO. W-09-07 / VMRC 07-0715; 1498 Bush Neck Road

Ms. Christine Breddy of Gloucester Environmental has applied for a Wetlands permit on behalf of Ms. Mary Morris to install approximately 450 linear feet of riprap revetment to prevent future erosion along the shoreline at 1498 Bush Neck Road. The property is further identified by James City County Real Estate as PIN # 3410100001. The project site in question is located on Chickahominy River, a tributary to the James River. Ms. Breddy and the landowner, Ms. Morris, have been advised that their attendance at the Wetlands Board meeting on May 9, 2007, is highly recommended.

This project will involve the construction of 450 linear feet of rip-rap revetment. The revetment is proposed to be constructed using Class I rip-rap armor stone, Class A-2 core stone, and filter fabric. The project will involve impacts to jurisdictional wetlands and it will also include impacts to upland areas not within the Wetlands Board's jurisdiction. The project as proposed will require the excavation of the upland area to create an acceptable 2:1 slope.

Environmental Division staff visited the site on April 27, 2007, and on May 1, 2007, to review the project scope and potential impacts. Proposed impacts for this project are determined to be 1000 square feet to the Type XV Sand/Mud Mixed Flat Community, Total fill impacts for this project are determined to be 500 square feet.

It is the staff's recommendation that the Board approve this application, with the following conditions:

1. Prior to any land disturbing activities, a preconstruction meeting will be held on-site.
2. The limits of construction shall be flagged in the field prior to the preconstruction meeting.
3. All vegetation to be removed shall be clearly flagged or marked with spray paint prior to the preconstruction meeting and approved by the Environmental Division (Division), prior to any land disturbance.
4. The proposed project will impact approximately 5000 square feet of Resource Protection Area (RPA) buffer. An RPA buffer restoration plan detailing the installation of native understory trees, shrubs and ground cover will be required prior to the preconstruction meeting and the onset of any work. The amount of trees, shrubs and ground cover required shall be determined by the Division. The implementation of the RPA restoration plan shall be guaranteed by surety in a form acceptable to the Division prior to the preconstruction meeting.
5. The armor stone proposed for this revetment is class 1. The fetch at that location along the Chickahominy River is in excess of 1 mile; therefore staff recommends that Class 2 armor stone be substituted for the class 1. All core stone used shall be A-1 stone.
6. The proposed slope grading and riprap installation at the eastern property line shall require a plan modification and additional Division approval prior to the preconstruction meeting.
7. The Environmental Director reserves the right to require a turbidity curtain for this project if field conditions warrant its use.
8. Filter fabric shall be inspected by the Division prior to the placement of rip-rap.
9. The permit shall expire May 9, 2008. If an extension of this permit is needed, a written request shall be submitted to the Environmental Division no later than two weeks prior to the expiration date.