### VIMS Shoreline Permit Application Report # 01-2150

**APPLICANT:** PAPE, RICHARD J.
**Immediate Waterway:** Vaughans Creek
**Locality:** GLOUCESTER COUNTY
**Purpose:** Erosion Control
**Application Type:** Wetlands
**Site Inspection:** 1/2/02
**Report Date:** 1/7/02

![Project Location Image]

**Type of Activity** | **Proposed Extent**
--- | ---
Riprap (ft) | 462
Fill Brackish Water Mixed Community (Type XII) (ft²) | 462
Impact Brackish Water Mixed Community (Type XII) (ft²) | 938

**Total Impacts (ft²)** | **Project Location**
--- | ---
Total Impacts (Wetlands) | 938
Total Impacts (Subaqueous) | 0
Total Impacts (Beach/Dune) | 0
Total Fill (ft²) | 462

Virginia Institute of Marine Science
School of Marine Science
P.O. Box 1346, Route 1208 Greate Road
Gloucester Point, Virginia 23062-1346
phone: (804)684-7380, fax: (804)684-7179, e-mail: wetlands@vims.edu
ATTENTION

This assessment is based on biological, chemical, geological, and physical factors affecting the marine environment at and in the vicinity of the proposed activity. Parameters of the marine environment which may influence recreational, commercial, or industrial activities which are dependent on the marine environment are also considered where applicable.

The Virginia Institute of Marine Science (VIMS) is aware that regulatory or administrative bodies who weigh the overall potential public and private benefits and detriments in arriving at decisions must also consider other factors such as economics, aesthetics, zoning, or community desires. INFORMATION PROVIDED IN THIS REPORT IS, THEREFORE, ONLY THE ENVIRONMENTAL AND MARINE RESOURCES INPUT INTO THE DECISION MAKING PROCESS.

Comments:

We have reviewed this proposal from a marine environmental viewpoint and it is our opinion that the individual and cumulative adverse impacts resulting from this activity will be minimal based on the proposed location as indicated by the flagged alignment. However, the structural drawings in the application raise questions about the integrity of the structure and the ability of the structure to provide the intended shoreline erosion protection. The applicant should review the VMRC Shoreline Development BMP guidebook for the best management practices in the construction of a revetment structure for shoreline erosion protection.
Hydrologic units represent smaller, isolated watersheds defined by topography and flow direction. These units can be thought of as insulated ecosystems or landscapes within which resources can be managed at a larger scale. The cumulative impact of a project to resources within a hydrologic unit may be significantly greater than the impact to the larger watershed above.
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 01-2150
Name: Pape, Richard J.
Locality: Gloucester County
Waterway: Vaughans Creek

Please check here if this application was approved as proposed

Complete the form below if the application was modified.

<table>
<thead>
<tr>
<th>ACTIVITIES</th>
<th>PROPOSED</th>
<th>PERMITTED</th>
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<tbody>
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Comments:
________________________________________________________________________________
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Certified by: __________________________________________