VIMS Shoreline Permit Application Report # 03-0711

**APPLICANT:** ROBERT L. WILLIAMS  
Immediate Waterway: Piankatank River  
Locality: GLOUCESTER COUNTY  
Purpose: Erosion Control  
Application Type: Wetlands  
Site Inspection: 4/30/03  
Report Date: 5/9/03

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td>54</td>
</tr>
<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
<td>270</td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
<td>270</td>
</tr>
<tr>
<td>Total Impacts (ft²)</td>
<td>270</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>270</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
<td>0</td>
</tr>
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<td>Total Fill (ft²)</td>
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**Project Location**

![Map of Gloucester County](image)
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. During the site visit, the applicant indicated no specific preference for bulkhead or revetment. For several reasons we recommended the use of a revetment instead of the proposed bulkhead. First, the applicant indicated an interest in preserving the bald cypress and a revetment is more likely to accommodate that interest. Also, the revetment has the capacity to dissipate wave energy minimizing the likelihood of adverse impacts on the marsh vegetation on the applicants property and the marsh on the neighboring property.

Pamela A. Mason
Marine Scientist
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.
Permit Site Study Area

Gloucester County
MIDDLE PENINSULA BAYSHORE
Piankatank River

Project site
Middle Peninsula Bayshore watershed

Tidal Marsh Inventory - TMI
Arrow Arum-Pickerelweed
Big Cordgrass
Black Needlerush
Brackish Water Mixed
Cattail
Freshwater Mixed
Reed Grass
Saltbush
Saltmeadow
Saltmarsh Cordgrass
Yellow Pond Lily

Roads
Primary
Secondary
Tertiary

Intertidal flat

Open water

0 0.5 1 Miles
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 03-0711
Name: Robert L. Williams
Locality: Gloucester County
Waterway: Piankatank River

Please check here if this application was approved as proposed ____
Complete the form below if the application was modified.

ACTIVITIES

<table>
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<th>PERMITTED</th>
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Comments: __________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________

Certified by: __________________________________________