VIMS Shoreline Permit Application Report # 01-1607

APPLICANT: NEAL, JOHN B., III
Immediate Waterway: East River
Locality: MATHEWS COUNTY
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 9/13/01
Report Date: 10/22/01

Type of Activity | Proposed Extent
--- | ---
Marsh Toe (ft) | 160
Impact Mud Flat Community (Type XVI) (ft²) | 640

Total Impacts (ft²) | 640
Total Impacts (Wetlands) | 640
Total Impacts (Subaqueous) | 0
Total Impacts (Beach/Dune) | 0
Total Built (ft²) | 0
Total Built (Wetlands) | 0
Total Built (Subaqueous) | 0
Total Built (Beach/Dune) | 0
Total Fill (ft²) | 0

Project Location

Mathews County
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 application from a marine environmental perspective and it is our opinion that the individual and cumulative adverse impacts resulting from the proposed riprap revetment will be minimal provided the structure is aligned channelward of wetland vegetation and follows the existing contours of the shoreline.

David L. O’Brien
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.
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Permit Site Study Area

Mathews County
MIDDLE PENINSULA BAYSHORE
East River

Project site
Locality boundaries
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

Rocks
Primary
Secondary
Tertiary
Open water

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

Application Number: 01-1607
Name: Neal, John B., III
Locality: Mathews County
Waterway: East River

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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</thead>
<tbody>
<tr>
<td>Marsh Toe (ft)</td>
<td></td>
<td>160</td>
</tr>
<tr>
<td>Impact Mud Flat Community (Type XVI) (ft2)</td>
<td>640</td>
<td></td>
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</tbody>
</table>

Comments: __________________________________________________________________________________
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__________________________________________________________________________________
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Certified by: __________________________________________