VIMS Shoreline Permit Application Report # 01-0057

APPLICANT: MATHEWS YACHT CLUB
Immediate Waterway: Stutts Creek
Locality: MATHEWS COUNTY
Purpose: Shoreline Stabilization
Application Type: Wetlands
Site Inspection: 1/25/01
Report Date: 2/2/01

Type of Activity Proposed Extent

<table>
<thead>
<tr>
<th>Type of Activity</th>
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<tbody>
<tr>
<td>Riprap (ft)</td>
<td>80</td>
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<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>320</td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>640</td>
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<td>Total Impacts (ft2)</td>
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<td>Total Impacts (Wetlands)</td>
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<td>Total Impacts (Subaqueous)</td>
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<td>Total Impacts (Beach/Dune)</td>
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Total Impacts (Wetlands) 640
Total Impacts (Subaqueous) 0
Total Impacts (Beach/Dune) 0
Total Fill (ft2) 320

Project Location

Mathews County
NOTICE

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.

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.

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. However, given the anticipated wave energy at this location, impacts to the intertidal community can be reduced by decreasing the width of the revetment or by grading the existing bank and siting a portion of the structure landward.

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.
Permit Site Study Area

Mathews County
MIDDLE PENINSULA BAYSHORE
Stutts Creek

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

Locality boundaries
Project site
Open water
Roads
Primary
Secondary
Tertiary
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 01-0057
Name: Mathews Yacht Club
Locality: Mathews County
Waterway: Stutts Creek

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

<table>
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<th>PERMITTED</th>
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Comments: __________________________________________________________________________________
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Certified by: __________________________________________