VIMS Shoreline Permit Application Report # 01-0623

APPLICANT: MILL CREEK HARBOR ASSOCIATION, INC.
Immediate Waterway: Piankatank River
Locality: MIDDLESEX COUNTY
Purpose: Shoreline Stabilization
Application Type: Wetlands
Site Inspection: 4/20/01
Report Date: 4/25/01

Type of Activity

<table>
<thead>
<tr>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
</tr>
<tr>
<td>Impact Sand Flat Community (Type XIV) (ft2)</td>
</tr>
<tr>
<td>Fill Sand Flat Community (Type XIV) (ft2)</td>
</tr>
<tr>
<td>Total Impacts (ft2)</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
</tr>
<tr>
<td>Total Fill (ft2)</td>
</tr>
</tbody>
</table>

Project Location

Middlesex 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 application from a marine environmental perspective and it is our opinion that the individual and cumulative adverse impacts resulting from the proposed 155 foot riprap revetment will be minimal provided efforts are taken to minimize impacts to the saltmeadow hay (Spartina patens) vegetation adjacent to the construction area.

[Signature]
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

Middlesex County
MIDDLE PENINSULA BAYSHORE
Piankatank River
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 01-0623
Name: Mill Creek Harbor Association, Inc.
Locality: Middlesex 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>
<thead>
<tr>
<th>PROPOSED</th>
<th>PERMITTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
<td>155</td>
</tr>
<tr>
<td>Impact Sand Flat Community (Type XIV) (ft²)</td>
<td>600</td>
</tr>
<tr>
<td>Fill Sand Flat Community (Type XIV) (ft²)</td>
<td>300</td>
</tr>
</tbody>
</table>

Comments: __________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Certified by: __________________________________________