VIMS Shoreline Permit Application Report #03-1826

APPLICANT: THOMAS YOUNG
Locality: MATHEWS COUNTY
Immediate Waterway: Horn Harbor
Watershed: MIDDLE PENINSULA BAYSHORE
Purpose: Water Access
Application Type: Wetlands, Subaqueous
Site Inspection: 9/16/03
Report Date: 10/1/03

THOMAS YOUNG
Horn Harbor
MATHEWS COUNTY
Water Access

Type of Activity
ProposedExtent
Boat Ramps (ft²) 330
  Impact Subaqueous Bottom (ft²) 200
  Impact Sand/Mud Mixed Flat Community (Type XV) (ft²) 30

Total Impacts (ft²) 230
  Total Impacts (Wetlands) 30
  Total Impacts (Subaqueous) 200
  Total Impacts (Beach/Dune) 0
  Total Fill (ft²) 0

Project Location

Center for Coastal Resources Management
P.O. Box 1346
Gloucester Point, VA 23062-1346
(804)684-7380, fax: (804)684-7179, e-mail: http://ccrm.vims.edu/
NOTE
The Virginia Institute of Marine Science (VIMS) recognizes that the regulatory process considers all aspects of a particular project, including socioeconomic factors. This report, however, only addresses marine environmental concerns.

Findings & Recommendations:
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 boat ramp will be minimal.

Rebecca J. Thomas
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.
VIMS Shoreline Permit Application Report # 03-1826

Permit Site Study Area

Horn Harbor
Mathews County

Project site

Locality boundaries

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 0.25 0.5 Miles
To Wetlands Board / VMRC: Please indicate Wetlands Board / VMRC action on this sheet and return to VIMS

Application Number: 03-1826
Name: Thomas Young
Locality: Mathews County
Waterway: Horn Harbor

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>
</tr>
</thead>
<tbody>
<tr>
<td>Boat Ramps (ft²)</td>
<td>330</td>
<td></td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

Please specify required modifications: ____________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________