**VIMS Shoreline Permit Application Report # 02-2082**

**APPLICANT:** THOMAS D. NAU  
Immediate Waterway: Canal  
Locality: ACCOMACK COUNTY  
Purpose: Erosion Control  
Application Type: Wetlands  
Site Inspection: 2/10/03  
Report Date: 2/13/03

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td>45</td>
</tr>
<tr>
<td>Fill Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>20</td>
</tr>
<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>20</td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
<td>140</td>
</tr>
<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
<td>140</td>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>Project Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Impacts (ft²)</td>
<td>Acomack County</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>160</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
<td>0</td>
</tr>
<tr>
<td>Total Fill (ft²)</td>
<td>160</td>
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</tbody>
</table>
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 and it is our opinion that the individual and cumulative adverse impacts resulting from this activity will be minimal.

Thomas A. Barnard, Ph.D.
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

Acomack County
ATLANTIC OCEAN COASTAL - EASTERN SHORE
Canal

Open water
Intertidal flat
Roads
Primary
Secondary
Tertiary
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

VIMS Shoreline Permit Application Report # 02-2082
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 02-2082
Name: Thomas D. Nau
Locality: Accomack County
Waterway: Canal

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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<tbody>
<tr>
<td>Bulkhead (ft)</td>
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Comments: __________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________
___________________________________________________________________________________________

Certified by: ________________________________

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