**VIMS Shoreline Permit Application Report # 03-0528**

**APPLICANT:** JAMES V. & ELIZABETH CALLAHAN  
Immediate Waterway: CC Canal  
Locality: ACCOMACK COUNTY  
Purpose: Erosion Control  
Application Type: Wetlands  
Site Inspection: 5/1/03  
Report Date: 5/20/03

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### Type of Activity

<table>
<thead>
<tr>
<th>Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td>80</td>
</tr>
<tr>
<td>Fill Saltmarsh Cordgrass Community (Type I) (ft2)</td>
<td>125</td>
</tr>
<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft2)</td>
<td>125</td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>125</td>
</tr>
<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>125</td>
</tr>
</tbody>
</table>

**Total Impacts (ft2):** 250  
**Total Impacts (Wetlands):** 250  
**Total Impacts (Subaqueous):** 0  
**Total Impacts (Beach/Dune):** 0  
**Total Fill (ft2):** 250

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**Project Location**  
Accomack County
ANNOUNCEMENT

*Information provided in this report is only the environmental and marine resources input into the decision making process* and 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.

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 can be minimized by aligning the bulkhead landward of mean high water (MHW) and using a pier for water access rather than dredging the wetlands involved.

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.
Accomack County
ATLANTIC OCEAN COASTAL - EASTERN SHORE
CC Canal
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

<table>
<thead>
<tr>
<th>Activity</th>
<th>Proposed</th>
<th>Permitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fill Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>125</td>
<td></td>
</tr>
<tr>
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<td>125</td>
<td></td>
</tr>
<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft²)</td>
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<td></td>
</tr>
</tbody>
</table>

Comments:
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Certified by: __________________________________________

Application Number: 03-0528
Name: James V. & Elizabeth Callahan
Locality: Accomack County
Waterway: CC Canal

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