VIMS Shoreline Permit Application Report # 03-0769

**APPLICANT:**
- **JAMES A. HALL**
- **WESTMORELAND COUNTY**
- Yeocomico River
- LOWER POTOMAC RIVER
- Shoreline Stabilization
- Subaqueous

**Locality:**
- WESTMORELAND COUNTY

**Immediate Waterway:**
- Yeocomico River

**Watershed:**
- LOWER POTOMAC RIVER

**Purpose:**
- Shoreline Stabilization

**Application Type:**
- Subaqueous

**Site Inspection:**
- 12/12/03

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groins (ft)</td>
<td>64</td>
</tr>
<tr>
<td>Groins</td>
<td>2 Unit(s)</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft2)</td>
<td>64</td>
</tr>
<tr>
<td>Fill Subaqueous Bottom (ft2)</td>
<td>64</td>
</tr>
<tr>
<td>Bulkhead Toe Protection (ft)</td>
<td>227</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft2)</td>
<td>2500</td>
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<tr>
<td>Fill Subaqueous Bottom (ft2)</td>
<td>2500</td>
</tr>
<tr>
<td>Total Impacts (ft2)</td>
<td>2564</td>
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<tr>
<td>Total Impacts (Wetlands)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>2564</td>
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<tr>
<td>Total Impacts (Beach/Dune)</td>
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<tr>
<td>Total Fill (ft2)</td>
<td>2564</td>
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**Project Location**
- Westmoreland County

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 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. It is not clear however, why the groins are proposed or whether they will function significantly, given the lack of sand in the system.

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

Yeocomico River
Westmoreland County

Project site

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

Baylor grounds

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: 03-0769
Name: James A. Hall
Locality: Westmoreland County
Waterway: Yeocomico River

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>
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<th>PERMITTED</th>
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Please specify required modifications: ______________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
_______________________________________________________________________________________
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Thomas A. Barnard, Director