VIMS Shoreline Permit Application Report # 03-0183

APPLICANT: MOHAMMAD E. AHARI
Immediate Waterway: Potomac River
Locality: WESTMORELAND COUNTY
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 3/7/03
Report Date: 3/12/03

Type of Activity

<table>
<thead>
<tr>
<th>Proposed Extent</th>
<th>Project Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of Activity</strong></td>
<td><strong>Wetmoreland County</strong></td>
</tr>
<tr>
<td>Groins (ft)</td>
<td></td>
</tr>
<tr>
<td>Groins</td>
<td>30</td>
</tr>
<tr>
<td>Fill Intertidal Beach Community (Type XIII) (ft2)</td>
<td>2 Unit(s)</td>
</tr>
<tr>
<td>Impact Intertidal Beach Community (Type XIII) (ft2)</td>
<td>240</td>
</tr>
<tr>
<td>Total Impacts (ft2)</td>
<td>240</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>240</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
<td>0</td>
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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 will be minimal. Given that the groins proposed are longer than those proposed immediately down drift, consideration may be given to placing sand in the groin cells in order to accelerate the bypassing process.

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

Westmoreland County
LOWER POTOMAC RIVER
Potomac River

Project site

Lower Potomac River watershed

Tidal Marsh Inventory - TMI
- Arrow Arum-Pickeralweed
- 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 0.5 1 Miles
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 03-0183
Name: Mohammad E. Ahari
Locality: Westmoreland County
Waterway: Potomac River

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

ACTIVITIES

<table>
<thead>
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<th>PERMITTED</th>
</tr>
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Comments: __________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________

Certified by: __________________________________________