VIMS Shoreline Permit Application Report # 01-1866

APPLICANT: JAMISON, KENNETH L.
Immediate Waterway: Swan Lake
Locality: NORTHUMBERLAND COUNTY
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 11/30/01
Report Date: 12/3/01

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
<th>Project Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
<td>290</td>
<td>Northumberland County</td>
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<tr>
<td>Impact Saltbush Community (Type IV) (ft2)</td>
<td>460</td>
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Total Impacts (ft2) 1160
Total Impacts (Wetlands) 1160
Total Impacts (Subaqueous) 0
Total Impacts (Beach/Dune) 0
Total Fill (ft2) 580
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. The individual and cumulative adverse impacts resulting from this riprap revetment will be minimal, if the existing marsh vegetation is left undisturbed where possible.

Karen A. Duhring
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.
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Permit Site Study Area

Northumberland County
LOWER POTOMAC RIVER
Swan Lake

- Project site
- Lower Potomac River watershed
- 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
- Open water

Northumberland County
LOWER POTOMAC RIVER
Swan Lake

0 0.5 1 Miles

0 0.5 1 Miles
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 01-1866
Name: Jamison, Kenneth L.
Locality: Northumberland County
Waterway: Swan Lake

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

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<th>PERMITTED</th>
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Comments: 
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Certified by: __________________________________________