VIMS Shoreline Permit Application Report # 00-2281

APPLICANT: JOE BATTISTA
Immediate Waterway: Dividing Creek
Locality: NORTHUMBERLAND COUNTY
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 1/18/01
Report Date: 1/24/01

Type of Activity

<table>
<thead>
<tr>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
</tr>
<tr>
<td>Impact Salmarsh Cordgrass Community (Type I) (ft²)</td>
</tr>
<tr>
<td>Total Impacts (ft²)</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
</tr>
<tr>
<td>Total Fill (ft²)</td>
</tr>
</tbody>
</table>

Project Location
Northumberland 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:

The individual and cumulative adverse impacts resulting from this riprap revetment will be minimal, provided the toe alignment is only 2 feet from the bank and landward of the existing marsh vegetation as proposed. Bank grading will be needed to accommodate this alignment.

Karen A. Duhring
Marine Scientist
Total Permitted Wetlands Loss by Type for
NORTHERNECK BAYSHORE: 1996-1999

Community Type          Extent
Vegetated Wetlands      46802 ft²
Non-Vegetated Wetlands  329368 ft²
Subaqueous Bottom       6132571 ft²

Total Permitted Wetlands Loss by Type for
Northumberland County: 1996-1999

Community Type          Extent
Vegetated Wetlands      20202 ft²
Non-Vegetated Wetlands  108479 ft²
Subaqueous Bottom       68037 ft²

Total Proposed Shoreline Structures and Activities for
Northumberland County -- 1996-1999

Structure Type          Extent
Boat Ramps              2032 ft²
Boat Ramps              1 Openpile
Breakwater              930 ft
Bulkhead                8127 ft
Commercial Structure   12280 ft²
General Fill            60135 ft²
Groins                 352
Groins                 4268 ft
Bulkhead Toe Protection 2097 ft
Bulkhead Replacement    1327 ft
Beach Nourishment       20850 ft²
Beach Nourishment       810 ft
Aquatic Disposal        0 ft²
Aquatic Disposal        0 yd³
New Dredging            1238 yd³
Maintenance dredging    247 yd³
Riprap                  34104 ft
Submarine Crossings     160 ft
Temporary Fill          0 ft²

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

Northumberland County
NORTHERN NECK BAYSHORE
Dividing Creek

Project site

Tidal Marsh Inventory - TMI
- Arrow Arum-Pickerelweed
- Big Cordgrass
- Black Needle rush
- Brackish Water Mixed
- Cattail
- Freshwater Mixed
- Reed Grass
- Saltbush
- Saltmeadow
- Saltmarsh Cordgrass
- Yellow Pond Lily

Rods
- Primary
- Secondary
- Tertiary
- Open water

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

Application Number: 00-2281
Name: Joe Battista
Locality: Northumberland County
Waterway: Dividing Creek

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

ACTIVITIES

<table>
<thead>
<tr>
<th>PROPOSED</th>
<th>PERMITTED</th>
</tr>
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<tbody>
<tr>
<td>Riprap (ft)</td>
<td>160</td>
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<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>320</td>
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</table>

Comments: __________________________________________________________________________________
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Certified by: __________________________________________

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