VIMS Shoreline Permit Application Report # 01-0059

APPLICANT: RICHARD E. ERHARD
Immediate Waterway: Coan River
Locality: NORTHUMBERLAND COUNTY
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 2/21/01
Report Date: 2/22/01

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
<td>90</td>
</tr>
<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft2)</td>
<td>180</td>
</tr>
<tr>
<td>Fill Saltmarsh Cordgrass Community (Type I) (ft2)</td>
<td>90</td>
</tr>
<tr>
<td>Total Impacts (ft2)</td>
<td>180</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>180</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
<td>0</td>
</tr>
<tr>
<td>Total Fill (ft2)</td>
<td>90</td>
</tr>
</tbody>
</table>

Project Location

Northumberland County

Virginia Institute of Marine Science
School of Marine Science
P.O. Box 1346, Route 1208 Greate Road
Gloucester Point, Virginia 23062-1346
phone: (804)684-7380, fax: (804)684-7179, e-mail: wetlands@vims.edu
ATTENTION

This assessment 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. INFORMATION PROVIDED IN THIS REPORT IS, THEREFORE, ONLY THE ENVIRONMENTAL AND MARINE RESOURCES INPUT INTO THE DECISION MAKING PROCESS.

Comments:

It is our opinion that the individual and cumulative adverse impacts resulting from this activity will be minimal, if the toe of the revetment is placed no further channelward than the staked alignment 2 feet from the bank after it is graded. Erosion and sediment control measures will be needed until the graded bank is stabilized, as demonstrated on the nearby lot with a new bulkhead.

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.
To Wetlands Board: Please indicate Wetlands Board action on this sheet and return to VIMS

Application Number: 01-0059
Name: Richard E. Erhard
Locality: Northumberland County
Waterway: Coan River

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>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
<td>90</td>
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<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>180</td>
</tr>
<tr>
<td>Fill Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>90</td>
</tr>
</tbody>
</table>

Comments: _____________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Certified by: ____________________________