VIMS Shoreline Permit Application Report # 02-1431

APPLICANT: AUDREY E. ROSS
Immediate Waterway: Canal on Harris River
Locality: CITY OF HAMPTON
Purpose: Shoreline Stabilization
Application Type: Wetlands
Site Inspection: 9/10/02
Report Date: 9/17/02

Type of Activity

<table>
<thead>
<tr>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead Replacement (ft)</td>
</tr>
<tr>
<td>Fill Mud Flat Community (Type XVI) (ft2)</td>
</tr>
<tr>
<td>Impact Mud Flat Community (Type XVI) (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

City of Hampton
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 application from a marine environmental viewpoint. It is our opinion that if the new bulkhead is placed within 2 feet channelward of the existing bulkhead, the individual and cumulative adverse impacts resulting from this activity will be minimal.

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.
Permit Site Study Area

City of Hampton
PENINSULA BAYSHORE
Canal on Harris River

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

Peninsula Bayshore watershed

Project site

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: 02-1431
Name: Audrey E. Ross
Locality: City of Hampton
Waterway: Canal on Harris 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>
<th>PROPOSED</th>
<th>PERMITTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead Replacement (ft)</td>
<td>108</td>
<td>____</td>
</tr>
<tr>
<td>Fill Mud Flat Community (Type XVI) (ft2)</td>
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<td>____</td>
</tr>
<tr>
<td>Impact Mud Flat Community (Type XVI) (ft2)</td>
<td>216</td>
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Comments: __________________________________________________________________________________
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Certified by: __________________________________________

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