**VIMS Shoreline Permit Application Report # 01-0396**

**APPLICANT:** WALLACES MARINA  
**Immediate Waterway:** Back River  
**Locality:** CITY OF HAMPTON  
**Purpose:** Marina Development, Shoreline Stabilization  
**Application Type:** Wetlands  
**Site Inspection:** 4/6/01  
**Report Date:** 4/10/01

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
<th>Project Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>Impact Intertidal Rubble/Riprap (ft2)</td>
<td>492</td>
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<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
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<td>City of Hampton</td>
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<tr>
<td>Total Impacts (ft2)</td>
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<tr>
<td>Total Impacts (Wetlands)</td>
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<tr>
<td>Total Impacts (Subaqueous)</td>
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<tr>
<td>Total Impacts (Beach/Dune)</td>
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<td>Total Fill (ft2)</td>
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NOTICE

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.

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.

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, provided the replacement bulkhead is constructed 2 feet from the existing structure where possible.

Section A-A, however, appears to be an unavoidable exception to this alignment. A new bulkhead and backfill is proposed 10 feet channelward from two fuel storage tanks to reinforce the upland area around them. The intertidal area in the vicinity has already been impacted by numerous pilings, an asphalt pad, clam shell and gravel. The benefits of protecting the fueling facility from further erosion seem to outweigh the loss of this particular tidal wetland area.

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

City of Hampton
PENINSULA BAYSHORE
Back River

Project site
Peninsula Bayshore 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

SAV - 1998
Density
- less than 10%
- 10-40%
- 40-70%
- 70-100%

Roads
- 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: 01-0396
Name: Wallaces Marina
Locality: City of Hampton
Waterway: Back River

Please check here if this application was approved as proposed 

Complete the form below if the application was modified.

ACTIVITIES

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Comments: __________________________________________________________________________________
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Certified by: __________________________________________