VIMS Shoreline Permit Application Report # 01-2192

**APPLICANT:** WEST, MARK R.  
Immediate Waterway: Lake Rudee  
Locality: CITY OF VIRGINIA BEACH  
Purpose: Erosion Control, Water Access  
Application Type: Wetlands  
Site Inspection: 1/14/02  
Report Date: 1/17/02

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
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<tbody>
<tr>
<td>Bulkhead (ft)</td>
<td>60</td>
</tr>
<tr>
<td>Fill Saltbush Community (Type IV) (ft²)</td>
<td>240</td>
</tr>
<tr>
<td>Impact Saltbush Community (Type IV) (ft²)</td>
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</tr>
<tr>
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| Total Impacts (ft²)                           | 360             |
| Total Impacts (Wetlands)                      | 360             |
| Total Impacts (Subaqueous)                    | 0               |
| Total Impacts (Beach/Dune)                    | 0               |

**Total Fill (ft²)** 360

Project Location: City of Virginia Beach
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 and it is our opinion that the individual and cumulative adverse impacts resulting from this activity could be reduced by moving the bulkhead alignment two feet landward. This would avoid filling at least the mudflat portion of the anticipated impacts.

Walter I. Priest, III
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.
City of Virginia Beach
ATLANTIC OCEAN COASTAL - VIRGINIA BEACH
Lake Rudee

Open water

Shoreline

Total Marsh Inventory - TMI

Arrow Arum/Pickersleeed

Big Cordgrass

Black Needlerush

Brackish Water Mixed

Cattail

Freshwater Mixed

Reed Grass

Saltbush

Saltmeadow

Saltmarsh Cordgrass

Yellow Pond Lily

Open water

Project site

Atlantic Ocean Coastal - Virginia Beach watershed

N

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

Application Number: 01-2192
Name: West, Mark R.
Locality: City of Virginia Beach
Waterway: Lake Rudee

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

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Comments: __________________________________________________________________________________
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Certified by: __________________________________________