VIMS Shoreline Permit Application Report # 01-0722

APPLICANT: HELMICK, MARK L.
Immediate Waterway: James River
Locality: CITY OF NEWPORT NEWS
Purpose: Erosion Control
Application Type: Wetlands
Site Inspection: 5/9/01
Report Date: 6/4/01

Type of Activity Proposed Extent
Riprap (ft) 66
Fill Sand/Mud Mixed Flat Community (Type XV) (ft2) 462
Impact Sand/Mud Mixed Flat Community (Type XV) (ft2) 924

Total Impacts (ft2) 924
Total Impacts (Wetlands) 924
Total Impacts (Subaqueous) 0
Total Impacts (Beach/Dune) 0
Total Fill (ft2) 462

Project Location
City of Newport News

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:

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 toe of the riprap revetment is aligned at mean high water as shown in the application drawings. The project should be staked relative to MHW.
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 Newport News
LOWER JAMES RIVER (TIDAL)
James River

Open water

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

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

Application Number: 01-0722
Name: Helmick, Mark L.
Locality: City of Newport News
Waterway: James 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>
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Comments: __________________________________________________________________________________
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Certified by: ____________________________