VIMS Shoreline Permit Application Report # 02-0247

APPLICANT: CITY OF NORFOLK
Immediate Waterway: Chesapeake Bay
Locality: CITY OF NORFOLK
Purpose: Erosion Control
Application Type: Wetlands, Subaqueous
Site Inspection: 3/11/02
Report Date: 4/4/02

Type of Activity

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beach Nourishment (ft)</td>
<td>280</td>
</tr>
<tr>
<td>Beach Nourishment (ft²)</td>
<td>24000</td>
</tr>
<tr>
<td>Impact Sand Flat Community (Type XIV) (ft²)</td>
<td>6000</td>
</tr>
<tr>
<td>Impact Beach/Dune (ft²)</td>
<td>6000</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>12000</td>
</tr>
</tbody>
</table>

| Total Impacts (ft²)                             | 24000           |
| Total Impacts (Wetlands)                        | 6000            |
| Total Impacts (Subaqueous)                      | 12000           |
| Total Impacts (Beach/Dune)                      | 6000            |
| Total Fill (ft²)                                | 0               |

Project Location
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 application from a marine environmental perspective and it is our opinion that the individual and cumulative adverse impacts resulting from the proposed activity will be minimal.

David L. O’Brien
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: 02-0247
Name: City of Norfolk
Locality: City of Norfolk
Waterway: Chesapeake Bay

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: __________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

Certified by: __________________________________________