VIMS Shoreline Permit Application Report # 02-1290

APPLICANT: CITY OF NORFOLK
Immediate Waterway: Broad Creek
Locality: CITY OF NORFOLK
Purpose: Commercial Construction, Water Access
Application Type: Wetlands
Site Inspection: 8/29/02
Report Date: 10/21/02

Type of Activity

<table>
<thead>
<tr>
<th>Proposed Extent</th>
<th>Commercial Structure (ft²)</th>
<th>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</th>
<th>Impact Brackish Water Mixed Community (Type XII) (ft²)</th>
<th>Impact Subaqueous Bottom (ft²)</th>
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<td>258</td>
<td>50</td>
<td>68</td>
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Total Impacts (ft²) 198
Total Impacts (Wetlands) 118
Total Impacts (Subaqueous) 80
Total Impacts (Beach/Dune) 0
Total Fill (ft²) 0

Project Location

City of Norfolk
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 perspective and it is our opinion that the individual and cumulative adverse impacts resulting from this 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.
Permit Site Study Area

City of Norfolk
LOWER JAMES RIVER (TIDAL)
Broad Creek

- Project site
- Locality boundaries
- Lower James River (Tidal) watershed
- Tidal Marsh Inventory - TMI
  - Arrow Arum-Pickeralweel
  - Big Cordgrass
  - Black Needlerush
  - Brackish Water Mixed
  - Cattail
  - Freshwater Mixed
  - Reed Grass
  - Saltbush
  - Saltmeadow
  - Saltmarsh Cordgrass
  - Yellow Pond Lily
- 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: 02-1290
Name: City of Norfolk
Locality: City of Norfolk
Waterway: Broad Creek

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

<table>
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<th>PERMITTED</th>
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Comments: 
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Certified by: __________________________________________