VIMS Shoreline Permit Application Report # 01-0038

APPLICANT: JOHN P. CLARKE
Immediate Waterway: E/B Lynnhaven River
Locality: CITY OF VIRGINIA BEACH
Purpose: Improve Navigation
Application Type: Subaqueous
Site Inspection: 2/7/01
Report Date: 3/30/01

Type of Activity

<table>
<thead>
<tr>
<th>Maintenance dredging (yd³)</th>
<th>Impact Subaqueous Bottom (ft²)</th>
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<tbody>
<tr>
<td></td>
<td>250</td>
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<td>1000</td>
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</tbody>
</table>

Total Impacts (ft²)

| Total Impacts (Wetlands) | 0 |
| Total Impacts (Subaqueous) | 1000 |
| Total Impacts (Beach/Dune) | 0 |
| Total Fill (ft²) | 0 |

Project Location

City of Virginia Beach

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
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 will be relatively minimal.

[Signature]

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.
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Permit Site Study Area

City of Virginia Beach
SOUTHERN BAYSHORE
E/B Lynnhaven River

Project site

Southern 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

Open water

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

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Name: John P. Clarke
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Waterway: E/B Lynnhaven River

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>ACTIVITIES</th>
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<th>PERMITTED</th>
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Comments: __________________________________________________________________________________
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Certified by: __________________________________________

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