**VIMS Shoreline Permit Application Report # 02-0762**

**APPLICANT:** THOMAS J. LINDSEY, ETAL  
**Immediate Waterway:** Broad Bay  
**Locality:** CITY OF VIRGINIA BEACH  
**Purpose:** Improve Navigation  
**Application Type:** Wetlands, Subaqueous  
**Site Inspection:** 5/8/02  
**Report Date:** 7/5/02

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Dredging (yd³)</td>
<td>115</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>850</td>
</tr>
<tr>
<td>Maintenance dredging (yd³)</td>
<td>2138</td>
</tr>
<tr>
<td>Impact Mud Flat Community (Type XVI) (ft²)</td>
<td>810</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>23320</td>
</tr>
<tr>
<td>Total Impacts (ft²)</td>
<td>24980</td>
</tr>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>810</td>
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<tr>
<td>Total Impacts (Subaqueous)</td>
<td>24170</td>
</tr>
<tr>
<td>Total Impacts (Beach/Dune)</td>
<td>0</td>
</tr>
<tr>
<td>Total Fill (ft²)</td>
<td>0</td>
</tr>
</tbody>
</table>

**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
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 relatively minimal.

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
Broad Bay

Project site

Southern Bayshore watershed

Shoreline
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

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: 02-0762
Name: Thomas J. Lindsey, etal
Locality: City of Virginia Beach
Waterway: Broad 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>
</tr>
</thead>
<tbody>
<tr>
<td>New Dredging (yd3)</td>
<td>115</td>
<td>___</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft2)</td>
<td>850</td>
<td>___</td>
</tr>
<tr>
<td>Maintenance dredging (yd3)</td>
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<td>___</td>
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<td>Impact Mud Flat Community (Type XVI) (ft2)</td>
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<tr>
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<td>23320</td>
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</tr>
</tbody>
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Comments: __________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________

Certified by: __________________________________________