VIMS Shoreline Permit Application Report # 01-1327

APPLICANT: COLONNA’S SHIPYARD, INC.
Immediate Waterway: Elizabeth River E/B
Locality: CITY OF NORFOLK
Purpose: Improve Navigation
Application Type: Wetlands, Subaqueous
Site Inspection: 8/20/01
Report Date: 8/21/01

Type of Activity          Proposed Extent
New Dredging (yd³)          17985
  Impact Sand/Mud Mixed Flat Community (Type XV) (ft²) 11520
  Impact Subaqueous Bottom (ft²) 111830

Total Impacts (ft²)        123350
  Total Impacts (Wetlands)   11520
  Total Impacts (Subaqueous) 111830
  Total Impacts (Beach/Dune)  0
  Total Fill (ft²)           0

City of Norfolk

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 application from a marine environmental perspective and it is our opinion that the individual and cumulative adverse impact to water quality resulting from the proposed dredging will be temporary and is unlikely to result in any long term adverse effect given this portion of the Eastern Branch of the Elizabeth River’s commitment to shipbuilding and repair.

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)
Elizabeth River E/B

Tidal Marsh Inventory - TMI
- Arrow Arum-Pickeralweed
- Big Cordgrass
- Black Needlerush
- Brackish Water Mixed
- Cattail
- Freshwater Mixed
- Reed Grass
- Saltbush
- Saltmeadow
- Saltmarsh Cordgrass
- Yellow Pond Lily

Localities:
- Project Site
- Locality boundaries

Roads:
- Primary
- Secondary
- Tertiary
- Open water

Scale: 0 0.5 1 Miles

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

Application Number: 01-1327
Name: Colonna's Shipyard, Inc.
Locality: City of Norfolk
Waterway: Elizabeth River E/B

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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<tbody>
<tr>
<td>New Dredging (yd³)</td>
<td>17985</td>
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<tr>
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Comments: __________________________________________________________________________________
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Certified by: __________________________________________