VIMS Shoreline Permit Application Report # 01-2178

APPLICANT: THE NATURE CONSERVANCY
Immediate Waterway: Clubhouse Creek
Locality: ACCOMACK COUNTY
Purpose: Road Construction
Application Type: Wetlands, Subaqueous
Site Inspection: 1/31/02
Report Date: 2/1/02

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Structure (ft²)</td>
<td>720</td>
</tr>
<tr>
<td>Impact Saltmarsh Cordgrass Community (Type I) (ft²)</td>
<td>300</td>
</tr>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>420</td>
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<tr>
<td>Total Impacts (ft²)</td>
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</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

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 minimal. The bridge will shade approximately 300 sq. ft. of cordgrass marsh.

Thomas A. Barnard, Ph.D.
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

Accomack County
ATLANTIC OCEAN COASTAL - EASTERN SHORE
Clubhouse Creek

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Open water

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

Project site

Atlantic Ocean Coastal - Eastern Shore watershed

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: 01-2178
Name: The Nature Conservancy
Locality: Accomack County
Waterway: Clubhouse Creek

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

ACTIVITIES

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

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