VIMS Shoreline Permit Application Report # 02-1649

**APPLICANT:** HERITAGE POINT HOA  
**Immediate Waterway:** Sturgeon Creek  
**Locality:** MIDDLESEX COUNTY  
**Purpose:** Improve Navigation  
**Application Type:** Subaqueous  
**Site Inspection:** 8/30/02  
**Report Date:** 10/7/02

### Project Location

**Type of Activity**

<table>
<thead>
<tr>
<th>Maintenance dredging (yd³)</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact Subaqueous Bottom (ft²)</td>
<td>42</td>
</tr>
</tbody>
</table>

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<tr>
<th>Total Impacts (ft²)</th>
<th>Project Location</th>
</tr>
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<tbody>
<tr>
<td>Total Impacts (Wetlands)</td>
<td>0</td>
</tr>
<tr>
<td>Total Impacts (Subaqueous)</td>
<td>564</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>

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 perspective and it is our opinion that the individual and cumulative adverse impacts resulting from this activity will be minimal.

[Signature]
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.
Middlesex County
RAPPAHANNOCK RIVER
Sturgeon Creek

Permit Site Study Area

- Project site
- Locality boundaries
- Rappahannock River watershed
- Tidal Marsh Inventory - TMI
- Arrow Arum-Pickerelweed
- Big Cordgrass
- Black Needle rush
- Brackish Water Mixed
- Cattail
- Freshwater Mixed
- Reed Grass
- Saltbush
- Saltmarsh
- 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: 02-1649
Name: Heritage Point HOA
Locality: Middlesex County
Waterway: Sturgeon Creek

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

ACTIVITIES

<table>
<thead>
<tr>
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<th>PERMITTED</th>
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Comments: __________________________________________________________________________________
__________________________________________________________________________________
__________________________________________________________________________________
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__________________________________________________________________________________

Certified by: __________________________________________

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