### VIMS Shoreline Permit Application Report # 03-2092

**APPLICANT:** WILLIE E. GUTRIDGE  
**Locality:** WESTMORELAND COUNTY  
**Immediate Waterway:** Mattox Creek  
**Watershed:** LOWER POTOMAC RIVER  
**Purpose:** Erosion Control  
**Application Type:** Wetlands  
**Site Inspection:** 6/5/02  
**Report Date:** 10/20/03

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**Type of Activity**

<table>
<thead>
<tr>
<th>Type of Activity</th>
<th>Proposed Extent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riprap (ft)</td>
<td>125</td>
</tr>
<tr>
<td>Impact Saltbush Community (Type IV) (ft2)</td>
<td>20</td>
</tr>
<tr>
<td>Fill Saltbush Community (Type IV) (ft2)</td>
<td>20</td>
</tr>
<tr>
<td>Impact Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>25</td>
</tr>
<tr>
<td>Fill Sand/Mud Mixed Flat Community (Type XV) (ft2)</td>
<td>13</td>
</tr>
<tr>
<td>Marsh Toe (ft)</td>
<td>85</td>
</tr>
<tr>
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</tr>
<tr>
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<td>75</td>
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**Total Impacts (ft2):** 195  
**Total Impacts (Wetlands):** 195  
**Total Impacts (Subaqueous):** 0  
**Total Impacts (Beach/Dune):** 0  
**Total Fill (ft2):** 108

**Project Location**

Westmoreland County

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Center for Coastal Resources Management  
P.O. Box 1346  
Gloucester Point, VA 23062-1346  
(804)684-7380, fax: (804)684-7179, e-mail: http://ccrm.vims.edu/
NOTE
The Virginia Institute of Marine Science (VIMS) recognizes that the regulatory process considers all aspects of a particular project, including socioeconomic factors. This report, however, only addresses marine environmental concerns.

Findings & Recommendations:

We have reviewed this proposal from a marine environmental viewpoint and it is our opinion that the individual and cumulative adverse impacts resulting from these activities will be minimal so long as the proposed riprap revetment and marsh toe structures are constructed as per the plans.

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

Mattox Creek
Westmoreland County

Project site

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

Roads
- Primary
- Secondary
- Tertiary

Intertidal flat

Open water

0  0.25  0.5  Miles
VIMS Shoreline Permit Application Report # 03-2092

To Wetlands Board / VMRC: Please indicate Wetlands Board / VMRC action on this sheet and return to VIMS

Application Number: 03-2092
Name: Willie E. Guttridge
Locality: Westmoreland County
Waterway: Mattox Creek

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>PERMITTED</th>
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Please specify required modifications: __________________________________________________________
__________________________________________________________________________________________
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Thomas A. Barnard, Director