**VIMS Shoreline Permit Application Report # 03-0263**

**APPLICANT:** LOUISE H. FAIRFAX; GREY CAMPBELL  
Immediate Waterway: Glebe Creek  
Locality: WESTMORELAND COUNTY  
Purpose: Erosion Control  
Application Type: Wetlands  
Site Inspection: 4/4/03  
Report Date: 4/14/03

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**Type of Activity** | **Proposed Extent** | **Project Location**
---|---|---
Bulkhead (ft) | 92 | Westmoreland County  
Fill Saltmarsh Cordgrass Community (Type I) (ft2) | 50 |  
Impact Saltmarsh Cordgrass Community (Type I) (ft2) | 50 |  
Total Impacts (ft2) | 50 |  
Total Impacts (Wetlands) | 50 |  
Total Impacts (Subaqueous) | 0 |  
Total Impacts (Beach/Dune) | 0 |  
Total Fill (ft2) | 50 |
NOTICE
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.**

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.

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 construction of a bulkhead, as proposed, will result in the loss of approximately 50 sq. ft. of salt marsh cordgrass fringe marsh. This loss appears unavoidable and the riprap alternative, as used next door, would be likely to result in a greater wetland loss.

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

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Westmoreland County
LOWER POTOMAC RIVER
Glebe Creek

Project site

Lower Potomac River watershed

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

Roads
- Primary
- Secondary
- Tertiary

Intertidal flat

Open water

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

Application Number: 03-0263
Name: Louise H. Fairfax; Grey Campbell
Locality: Westmoreland County
Waterway: Glebe Creek

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>
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Comments: __________________________________________________________________________________
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Certified by: _________________________________

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