

Maryland Shoreline Stabilization Model (SSM) - Recommended Shoreline Practices Glossary

(based on VIMS Shoreline Management Model version 5.1)

Shoreline Recommendations

Living Shoreline: Installation of an approach that uses plants and sand, rock, oyster shell, or other natural materials to protect shoreline and to create, maintain, and enhance habitat may be appropriate where a structural shoreline stabilization measure is not present or is non-functional.

Undetermined: In order to make an appropriate shore erosion control measure determination the property owner should coordinate a pre-application site visit with an MDE Project Manager assigned to the territory and complete a Living Shoreline Waiver request form.

Structural Shoreline Stabilization Measure: A predetermined decision by MDE that a person is not required to construct a living shoreline but can construct an erosion control measure that uses devices to armor and stabilize an area landward of the measure from further erosion. The measure may include the use of a bulkhead, revetment, groin, breakwater, jetty, sand, beach nourishment, and any other similar structure.

Special Considerations

Ecological Consideration: Management options for this shoreline may be limited by the presence of Submerged Aquatic Vegetation (SAV), or Rare, Threatened, or Endangered (RTE) species/habitat. Seek advice from the Tidal Wetlands Division of MDE.

Highly Modified Area: Management options for this shoreline may be limited due to the presence of Federal navigation channels, highly developed upland (e.g. commercial wharfs), channel modifications (e.g. canals) or infrastructure directly adjacent to the shoreline (e.g. road). Seek expert advice on the design of your project.

Land Use Management: This shoreline has unique features and shoreline management considerations. Forces other than tidal erosion, such as over-land runoff, upland development, and vegetation management are likely also having an effect on bank conditions. Assessment of all factors and modifications to address causes for bank erosion

are recommended. Seek advice from the Tidal Wetlands Division of MDE. May require consultation with multiple permitting or resource agencies.

Special Geomorphic Feature: Maintain the natural condition of this shoreline to allow for unimpeded sediment movement and the corresponding response of wetlands, beach and/or dune. If primary structures are present and threatened, seek expert advice on the design of your project.