



# Coastal Zone Management Program - Tidal Shoreline Erosion Control Policies Checklist

Name of Project:

## 5.3 COASTAL USES

### 5.3.3. Tidal Shore Erosion Control

**Tidal Shore Erosion Control Policy 1 – Use Materials to Match Function & Minimize Impacts.** Structural erosion control measures that employ a jetty, groin, breakwater, or other offshore structure shall be designed to use materials that are of adequate size, weight, and strength to function as intended; free of protruding objects, debris, and contaminants; and selected to minimize impacts to water quality and plant, fish, and wildlife habitat. MDE (C1) COMAR 26.24.04.01-4.

Select appropriate response:

- Project will be consistent with policy requiring Offshore Structures to Be Designed to Use Materials to Control Shoreline Erosion While Minimizing Adverse Impacts.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:

**Tidal Shore Erosion Control Policy 2 –Prohibition of Unsuitable Materials for Backfilling.** Tidal shore erosion control projects shall not use backfill containing litter, refuse, junk, metal, tree stumps, logs, or other unsuitable materials. MDE (C1) COMAR 26.24.04.01-4.

Select appropriate response:

- Project will be consistent with policy prohibiting the Use of Unsuitable Materials for Backfilling.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:



## Coastal Zone Management Program - Tidal Shoreline Erosion Control Policies Checklist

**Tidal Shore Erosion Control Policy 3 – Requirements for Beach Nourishment Projects.** Beach nourishment projects shall meet the following requirements: The fill material grain size shall be equal to or greater in grain size and character to the existing beach material, or determined otherwise to be compatible with existing site conditions and acceptable to the Department; The fill material shall be relatively free of organic material, floating debris, or other objects; Silt and clay fills that change the sandy nature of the existing beach materials are not acceptable; Gravel fill may be acceptable, if particle sizes are equal to or greater than the existing beach materials; and Fill material shall be placed above the mean high water line before final grading to achieve the desired beach profile, unless site conditions prohibit the placement of fill material above the mean high water line and specific measures are designed to prevent material from washing away from the site. MDE (C1) COMAR 26.24.03.06D.

Select appropriate response:

- Project will be consistent with policy that defines Requirements for Beach Nourishment Projects.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:

**Tidal Shore Erosion Control Policy 4 Nonstructural Shoreline Stabilization That Preserves The Natural Environment Is Required Unless Conditions Warrant Structural Stabilization.** Improvements to protect property bounding on navigable water against erosion shall consist of nonstructural shoreline stabilization measures that preserve the natural environment, such as marsh creation, except in areas designated by Department of the Environment as appropriate for structural shoreline stabilization measures, including areas of excessive erosion, areas subject to heavy tides, and areas too narrow for effective use of nonstructural shoreline stabilization measures. MDE (C1) Md. Code Ann., Envir. § 16-201.

Select appropriate response:

- Project will be consistent with policy Preferring Nonstructural Shoreline Stabilization to Preserve the Natural Environment Unless Structural Stabilization is Warranted.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:



## Coastal Zone Management Program - Tidal Shoreline Erosion Control

### Policies Checklist

**Tidal Shore Erosion Control 5 – Limited Encroachment into State Tidal Waters.** Encroachment into State or private tidal wetlands for shore erosion control is limited to that which is structurally necessary and is verified by a design report. Bulkheads that encroach into tidal wetlands are prohibited unless the encroachment is three feet or less beyond the mean high water line and other nonstructural and structural shoreline stabilization measures have been considered and determined to be infeasible. MDE (C1) COMAR 26.24.04.01-4.

Select appropriate response:

- Project will be consistent with policy Limiting Encroachment into State Tidal Waters.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:

**Tidal Shore Erosion Control Policy 6 – List of Shore Erosion Control Measures from Most to Least Consistent with State Policy.** Tidal shore erosion control measures are listed below beginning with measures that are most consistent with State policy and ending with measures that are least consistent with State policy.

- No action and relocation of structures threatened by erosion
- Nonstructural shoreline stabilization that is dominated by tidal wetland vegetation, including a living shoreline
- Beach nourishment
- Breakwater
- Groin, jetty, or a similar structure
- Revetment
- Bulkhead

MDE (C1) COMAR 26.24.01.02; COMAR 26.24.04.01; COMAR 26.24.04.01-3.

Select appropriate response:

- Project will be consistent with policy defining List of Shoreline Control Measures from Most to Least Consistent with State Policy.
- Not Applicable.

Describe situation and/or actions to make project or activity consistent with the above policy:



## Coastal Zone Management Program - Tidal Shoreline Erosion Control Policies Checklist

**Tidal Shore Erosion Control Policy 7 – Conditions Prohibiting Shore Erosion Control Projects.** Tidal shore erosion control projects shall not occur when:

- There is no evidence of erosion;
- Existing State or private tidal wetlands are effectively preventing erosion;
- Adjacent properties may be adversely affected by the proposed project;
- Navigation may be adversely affected by the project and the applicant has not adequately offset these impacts;
- Threatened or endangered species, species in need of conservation, or significant historic or archaeological resources may be adversely affected by the project; or
- Natural oyster bars or private oyster leases may be adversely affected by the project.

MDE (C1) COMAR 26.24.04.01.

**Select appropriate response:**

- Project will be consistent with policy defining Conditions Where Shore Erosion Control Projects are Prohibited.
- Not Applicable.

**Describe situation and/or actions to make project or activity consistent with the above policy:**