

**COASTAL MANAGEMENT PLAN: SECTOR 5, DRAFT 2 (as amended May 6, 2013)**

Water Quality

**1) All projects should be reviewed for impacts to water quality. In the event that any portion of a proposed project may have a negative impact to water quality an appropriate monitoring plan should be required that will evaluate specified parameters pre, during and post construction of the project.**

Habitat

**1) All coastal projects should be evaluated for impacts to rare, endangered or locally important species and habitat. All necessary permits must be obtained from all state and local agencies as required by law. See Appendix for list of agencies with coastal jurisdiction.**

**2) Any projects proposed in areas of mapped or identified rare, endangered or locally important species or habitat should require a survey of these resources, especially those that propose nourishment and/or dredging activities. \*\***

3) Muskeget is recognized by the NOAA Office of Protected Resources as a gray seal, *Halichoerus grypus*, breeding colony and gray seals are protected under the Marine Mammal Protection Act. This important habitat must be carefully considered relative to coastal management projects.

**4) The Town has documented nesting shorebird habitat within Sector 5, including nesting habitat for the state and federally “threatened” piping plover, *Charadrius melodus*, and the state and federally “endangered” roseate tern, *Sterna dougallii*, and this habitat should be considered relative to coastal management projects, keeping in mind that some nourishment projects have been found to enhance shorebird habitat.**

\*\*Use of existing surveys or data may be acceptable.

Coastal Hazards

**1) Any license granted for the use of Town land to construct or maintain coastal management or erosion control projects shall include a requirement of the applicant to establish insurance such as bond(s) or escrow account(s). These accounts will provide funding for any action necessary to stabilize the site or for the removal or clean up of any debris that becomes hazardous to vessels, the public or natural resources.**

## Erosion Control

**1) Any projects that are considered on Town property within Sector 5 shall be reviewed using CZM's No Adverse Impact approach (see Stormsmart Coasts Fact Sheet 1). The long-term viability or sustainability of such projects must also be carefully considered.**

*1A) Muskeget Island is a minimally developed and ecologically important island. As such, the use of coastal erosion control structures is not recommended.*

**2) A process should be established to ensure notification is made to the Town when a coastal erosion control project is proposed on property adjacent to a one big beach easement or other property in which the Town holds an interest.**

## Harbors

Not Applicable

## Public Access Policy

**1) Any time a coastal erosion control project is constructed public access to all public beaches must be maintained.**

## Beach Access Policy

**1) Refer to Beach Management Plan where applicable.**

## Offshore Resources

**1) The Town is responsible for resources out to 1500 feet (as identified by the Ocean Management Plan). This includes but is not limited to shellfish beds, eelgrass beds, conchs, and finfish.**

**2) Any coastal projects that propose work in land under the ocean should require a detailed underwater survey of all resources present by an independent third party and the cost of such survey(s) shall be borne by the project applicant. \*\***

**3) Refer to the MA Ocean Management Plan for identified preferred borrow sites and restrict dredging to these areas (except in the event of an extreme navigational emergency as identified by the Town).**

**\*\*Use of existing surveys or data may be acceptable.**

## Homeland Security

Not Applicable

### Alternative Energy

**1) The exploration of alternative energy is an allowed activity in (including tidal, wave, wind, etc), provided all necessary permits are secured.**

### Fisheries

**1) All coastal management and erosion control projects that propose work in land under the ocean should consider potential impacts to fisheries and sufficient surveying should be required when necessary to minimize adverse impacts. Project appropriate survey(s) shall be provided by an independent third party and the cost of such survey(s) shall be borne by the project applicant. \*\***

**\*\*Use of existing surveys or data may be acceptable.**

### Data Accessibility

**1) List current policies and plans that include available data on resources within Sector 5 (including Town of Nantucket GIS).**

**2) Any data acquired through the permitting process should be compiled into a searchable database and made accessible for future applications. Surveys can be considered valid for a period of 3 years.**

### Consistency

**1) All coastal management and erosion control projects must be consistent with all local, state and federal laws. All permits must be acquired by the Town or any applicant wishing to work on Town property, as required by law.**

### Integration with Municipal Harbor Plan

**1) Reference sections of Municipal Harbor Plan.**

## Performance Matrix

- 1) As recommended in the Harbor Plan (HP), it is here recommended that the Town should establish a pond management committee or water quality management committee to address the Town's fresh and coastal water quality needs.
- 2) The Town should make it a priority to continue working with appropriate state agencies and with the Army Corps of Engineers to continue to maintain the Jetties. This is necessary for improved navigation, safety and maintenance of the Nantucket Harbor channel as well as for improved water quality and to alleviate flooding of the downtown area during storm events.
- 3) A regulation should be established to require insurance (in the form of bond(s), escrow account(s) or the like) of any and all parties that receive permits to construct or maintain any existing coastal management or erosion control projects. These accounts will provide funding for any action necessary to stabilize the site or for the removal or clean up of any debris that becomes hazardous to vessels, the public or natural resources.
- 4) In the event that a coastal erosion project is proposed on a property containing a One Big Beach easement, the easement/public access must be maintained by the property owner (??).
- 5) The Town should produce a Vulnerability Study/Plan to identify those properties and infrastructure(s) in danger of being damaged or compromised by erosion or coastal storms. These assets should be prioritized and a Committee or Work Group should be established to plan for and implement emergency response (including maintenance, protection, relocation or removal) when necessary.

## Appendix of Town Plans

Town of Nantucket Master Plan

Harbor Plan

Beach Management Plan

Shellfish Plan

MA Estuaries Report