



Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: *14246*
 MEPA Analyst: *Aisling Eglinton*
 Phone: 617-626-*1024*

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Town of Harwich Proposed Maintenance Dredging and Beach Nourishment		
Street:		
Municipality: Harwich	Watershed: Cape Cod	
Universal Transverse Mercator Coordinates:	Latitude: 041° 39' Longitude: 070° 04'	
Estimated commencement date:	Estimated completion date:	
Approximate cost:	Status of project design: _____ %complete	
Proponent: Town of Harwich		
Street: 732 Main Street		
Municipality: Harwich	State: MA	Zip Code: 02645
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Amy Lipkind		
Firm/Agency: Coastal Engineering Co., Inc.	Street: 260 Cranberry Highway	
Municipality: Orleans	State: MA	Zip Code: 02653
Phone: 508-255-6511	Fax: 508-255-6700	E-mail: alipkind@ceccapecod.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): **N/A**

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify _____) No

List Local or Federal Permits and Approvals: **Order of Conditions issued 10/09/2007, NHESP approval issued 09/27/2007, Chapter 91 application filed 11/15/2007, Army Corps of Engineers application filed 12/03/2007, Water Quality Certification filed 12/04/2007, Division of Marine Fisheries comments and Approval issued 04/23/2008**

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---------------------------------|--|--|
| <input type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> ACOE permits
Total site acreage	N/A			
New acres of land altered		N/A		
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration		N/A		
Square feet of new other wetland alteration		N/A		
Acres of new non-water dependent use of tidelands or waterways		N/A		
STRUCTURES				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
TRANSPORTATION				
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	0	0	
GPD water withdrawal	0	0	0	
GPD wastewater generation/treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0	0	

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

- Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

- Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify: **Piping Plover, Roseate Tern, Common Tern**) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

The purpose of this project is to perform maintenance dredging and use the dredge material as beach nourishment along the shoreline above MHW in the limits of the Town of Harwich, specifically along the shoreline of Nantucket Sound. There are existing permits to perform dredging and to place the dredge material at various sites along this shoreline. The purpose of this filing is to combine these current permits which have different expiration dates and various restrictions into one town wide permit to enable the town to more easily manage the nourishing of their beaches and maintenance dredging. The proposed project is located within the town limits of the shoreline along Nantucket Sound. The access channel areas have been historically dredged to various depths ranging from a depth of -6.0' MLW in Allen Harbor, Herring River, and Wychmere Harbor to -8.0' MLW in Saquatucket Harbor since as early as 1926 when Allen Harbor was originally dredged and opened as a harbor.

The access channels shoal and fill with sediment periodically, but not always at the same time making navigation and management of dredging time schedules difficult. The proposed town wide permit for dredging would allow for safer navigation as well as make it simpler for the town to manage their harbors. Using the dredged material for beach nourishment makes the most sense as there are four miles of beach along Nantucket Sound in the town of Harwich which would benefit from this type of permitting program.

ALTERNATIVES ANALYSIS

Alternate I Do nothing

Keeping the existing licenses and permits current is an alternative, although the number of permits is difficult to track and there is the possibility of a permit lapsing which then would jeopardize the fluidity of the maintenance process. The current permits specify which channel dredge material must be used on a certain beach, which limits the use of dredge material if that beach is not in need of nourishment at the time of channel dredging. Leaving the current situation does not fit in with the Town's long term goals of a Town Wide Harbor Management Plan.

Alternate II File an ENF for each individual channel

This alternative still leaves the Town's permits and its harbors segmented. This is not preferable for similar reasons cited in Alternative I. In addition this alternative doesn't establish a clean baseline for all the agencies to refer back to in the event another party makes an individual application in this locus area.

Alternate III Preferred Alternative: A single Town-wide dredge and beach nourishment permit

This proposed alternative offers the Town and the other governing agencies the greatest flexibility and control over the maintenance of the channels and distribution of dredge spoils from those channels over the resource areas along the Nantucket Sound shoreline.