

# ENF Environmental Notification Form

<i>For Office Use Only</i> <i>Executive Office of Environmental Affairs</i>	
EOEA No.:	<u>14300</u>
MEPA Analyst:	<u>Bill Gage</u>
Phone:	<u>617-626-1025</u>

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: <u>Jetty Reconstruction</u>		
Street: <u>Depot Road</u>		
Municipality: <u>Truro</u>	Watershed: <u>Pamet River Basin</u>	
Universal Transverse Mercator Coordinates:	Latitude: <u>041 59' 33.32" N</u>	Longitude: <u>070 04' 37.11" W</u>
Estimated commencement date: <u>11/1/2008</u>	Estimated completion date: <u>11/30/2008</u>	
Approximate cost: <u>\$645,000.00</u>	Status of project design: <u>0</u> %complete	
Proponent: <u>Town of Truro</u>		
Street: <u>P.O. Box 2030</u>		
Municipality: <u>Truro</u>	State: <u>MA</u>	Zip Code: <u>02666</u>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <u>Amy Lipkind</u>		
Firm/Agency: <u>Coastal Engineering Co., Inc.</u>	Street: <u>260 Cranberry Highway</u>	
Municipality: <u>Orleans</u>	State: <u>MA</u>	Zip Code: <u>02653</u>
Phone: <u>508-255-6511</u>	Fax: <u>508-255-6700</u>	E-mail: <u>alipkind@ceccapecod.com</u>

- 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. 9637 & 12539)  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 301 CMR 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): No financial assistance at present time.

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify MA DEP, Truro Cons. Comm.)  No

List Local or Federal Permits and Approvals: License #s: 11765, 10511, and 9172  
Order of Conditions SE 75-643, Superceding Order of Conditions SE 75-643, WQC W062577

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

- Land
- Water
- Energy
- ACEC

- Rare Species
- Wastewater
- Air
- Regulations

- Wetlands, Waterways, & Tidelands
- Transportation
- Solid & Hazardous Waste
- Historical & Archaeological Resources

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> _____ _____ _____ _____ _____ _____ _____ _____ _____
Total site acreage	0.5			
New acres of land altered				
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	0	0	0	
Number of housing units	0	0	0	
Maximum height (in feet)	0	0	0	
<b>TRANSPORTATION</b>				
Vehicle trips per day	0	0	0	
Parking spaces	0	0	0	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal				
GPD wastewater generation/ treatment				
Length of water/sewer mains (in miles)				

**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 Estimated Habitat & Priority Site )  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 site is located in Pamet Harbor, Truro, MA. It is located at the end of Depot Road. There is an existing channel from Cape Cod Bay into the Pamet River Basin a mooring area and boat landing for town residents and the general public. The channel is armored by a stone jetty to the north and south sides of the channel. The focus of this ENF review is the reconstruction and extension of the existing jetty on the north side of the channel. The existing jetty has areas of initial failure, and the beach to the north of the jetty, if left unattended, will scour through, creating loss of wildlife habitat and unsafe navigation. The proposed extension will address the erosion situation and the reconstruction will address the jetty s initial failure situation.

#### ALTERNATIVES ANALYSIS

1. Do nothing: This is not a preferred alternative as the erosion will continue and eventually create an unsafe navigational hazard and will erode and diminish existing wildlife habitat for shore birds.

2. Construct 2:1 sloped jetty: In the initial design phase of the project a 2:1 sloped faced jetty was investigated. Although the more gradual sloped face provides for gentler wave runup the amount of additional area required for this design increases the loss of resource area. The gain in terms of the wave runup to loss of resource area was not substantial and therefore the 1.5:1 slope is preferred.

3. Preferred alternative - Construct 1.5:1 sloped jetty: This proposed jetty reconstruction is the best option for the following reasons and mitigations:

Reduced loss of beach nourishment to the north side of the jetty which will increase the area for wildlife habitat

Better access for pedestrian traffic to the beach area which will reduce random foot traffic thus reducing pedestrian damage to the resource areas

Stabilize the existing navigable channel thus keeping the waterway safe

In coordination with EOE #12530 Beach Nourishment and Dredging the proposal increases the Coastal Beach area and stabilizes the erosion

Reference is made to EOE #12530 where the affected site area is 17.65 acres under that review. This proposal affects an area of 0.5 acres, which is far less and provides sound mitigation.