



**Environmental  
 Notification Form**

*For Office Use Only*  
 Executive Office of Environmental Affairs  
 EOEA No.: 14390  
 MEPA Analyst: Anne Conway  
 Phone: 617-626-1035

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.S. Coast Guard Station Point Allerton - Proposed Dredging		
Street: 93 Main Street		
Municipality: Hull	Watershed: Hull Bay	
Universal Transverse Mercator Coordinates:	Latitude: 42 Deg. 18' 07.04"	Longitude: 70 Deg. 54' 56.74"
Estimated commencement date: 12/2009	Estimated completion date: 01/2010	
Approximate cost: \$500,000	Status of project design: 90	%complete
Proponent: U.S. Coast Guard - CEU Providence		
Street: 300 Metro Center Blvd.		
Municipality: Warwick	State: RI	Zip Code: 02886
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Noah J. Elwood, PE		
Firm/Agency: Appledore Marine Engineering	Street: 600 State Street, Suite E	
Municipality: Portsmouth	State: NH	Zip Code: 03801
Phone: 603-766-1870	Fax: 603-766-4599	E-mail: nelwood@appledoremarine.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): Not Applicable

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

List Local or Federal Permits and Approvals:  
 MassDEP Conservation Commission: Hull, MA  
 Army Corps Of Engineers

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):  
 (3)(b)1.c. Alteration of 1,000 or more sf of outstanding resource waters;

(3)(b)1.f. Alteration of 1/2 or more acres of any other wetlands.

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input 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
<b>LAND</b>				<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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage				
New acres of land altered				
Acres of impervious area				
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
<b>STRUCTURES</b>				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
<b>TRANSPORTATION</b>				
Vehicle trips per day				
Parking spaces				
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use				
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: See Attached Map)  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.*)

U.S. Coast Guard Station Point Allerton is located on Hull Bay in Hull, Massachusetts. It is a Search and Rescue facility with an area of responsibility extending from Littles Point to Brant Rock and offshore 50 nautical miles. The Station's other duties include maritime environmental protection, maritime law enforcement, boating safety, and implementation of commercial fishing vessel safety regulations.

The boat basin at USCG Station Point Allerton in Hull, MA was last dredged in 1991. The basin was dredged to a depth of 10 ft below MLW for a distance of 100 feet on all sides of the over-the-water boathouse. Under that project, 11,000 cy of material was removed using clamshell equipment and disposed of at the open water Massachusetts Bay site. A recent hydrographic survey shows that the water depths have changed only slightly since that dredging project. The exceptions are the interior boat bays of the boathouse and the immediate vicinity of the exterior of the boathouse and walkway, where water depths have decreased 2 ft to 3 ft.

Typical boat handling and maneuvering operations in the area changed with the installation of the wave attenuator system in 2002. The boat that is moored on the floating dock in the southern boat bay of the boathouse, usually a 41-footer, must now maneuver around the southern end of the wave attenuator. At MLW there is only 40 ft to 50 ft of clearance until the water depth is too shallow. This distance is difficult and narrow during heavy winds and seas. The 41-ft Motor Life Boat has touched bottom on numerous occasions over the past several years. The southern boat bay of the boathouse provides the most protection during heavy seas, and so is the preferred mooring location during poor conditions.

This project requires that 8,500 cy of over-burden material be removed from an area approximately 76,600 sf in the immediate vicinity of the boathouse. While a contractor has not yet been selected, it is anticipated that the dredged material will be extracted with a mechanical clamshell bucket and placed in a barge scow. The barge scow will be transported via tow-barge to the Massachusetts Bay Disposal Site for offshore disposal.

Two alternatives have been considered as part of this project. First, consideration was given to the possibility of using the dredge sediment as beach nourishment, however, the grain size analysis indicated that the sediment contains a high concentration of fines and therefore this option was not preferred. Second, consideration was given to the possibility of upland disposal of the material. Several disposal sites were contacted to determine the availability and status of disposal space for this material. This option was not preferred due to the quantity of material involved with this particular project.