

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: 14357
 MEPA Analyst: ANNE CANADAY
 Phone: 617-626-1035

ENF Environmental Notification Form

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: Proposed Maintenance Dredging Harbor Improvements – Hingham Harbor, Hingham, MA		
Street: n/a		
Municipality: Hingham	Watershed: Hingham Harbor	
Universal Transverse Mercator Coordinates: 15351033.804 Northing 1130675.635 Easting	Latitude: 42° 14' 52" N	Longitude: 70° 52' 60" W
Estimated commencement date: Nov. 2009	Estimated completion date: 2010	
Approximate cost: \$ 3,000,000	Status of project design: 50% complete	
Proponent: Town of Hingham (by Betty Foley)		
Street: 210 Central Street		
Municipality: Hingham	State: MA	Zip Code: 02043
Name of Contact Person From Whom Copies of this ENF May Be Obtained:		
Firm/Agency: CLE Engineering, Inc.	Street: 15 Creek Rd.	
Municipality: Marion	State: MA	Zip Code: 02738
Phone: 800-668-3220	Fax: 508-748-1363	E-mail: CPena@CLEengineering.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 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):
 Funding available through the MA Department of Conservation and Recreation, however amount of funding is unknown.

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify: MA DEP NOI; MA DEP Ch91 Waterways; US Dept of ACOE PGP Catg II; MA DEP 401 Water Quality Certification (WQC) Catg BRP WW 07, 08; & MA Office of Coastal Zone Management (CZM) Consistency Statement No

List Local or Federal Permits and Approvals:

- MA DEP Order of Conditions - Pending
- MA DEP NOI - Pending
 - MA DEP Ch91 Waterways - Pending
 - US Dept of ACOE Individual Permit – Pending
- MA DEP 401 Water Quality Certification (WQC) Catg BRP WW 07, 08 – Pending
- MA Office of Coastal Zone Management (CZM) Consistency Statement - Pending

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

- | | | |
|---------------------------------|---------------------------------------|--|
| <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
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 (including Legislative Approvals) – Specify: MA DEP NOI US Dept of ACOE Individ. Permit MA CZM Consistency Statement
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				
STRUCTURES				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
TRANSPORTATION				
Vehicle trips per day				
Parking spaces				
WATER/WASTEWATER				
Gallons/day (GPD) of water use				
GPD water withdrawal				
GPD wastewater generation/ treatment				

Length of water/sewer mains (in miles)			
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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 _____) 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.*)

a) Hingham Harbor Basin is a tidal waterway is connected to Hingham Bay by a 12,900 foot long Federal Channel located in Hingham (Plymouth County), Massachusetts, approximately 12 miles southeast of Boston. The proposed project involves removing approximately 95,250 CY of marine sediment consisting of fine silts and sands. The dredging will restore the allowable drafts for recreational vessels. In order to maintain depths of the existing Harbor, the Town of Hingham proposes to conduct maintenance dredging of the existing harbor. It is proposed to mechanically dredge approximately 95,250 cubic yards from Harbor Basin an approximate area of 25.53 acres. The maximum design depth of the slips is -6 MLW with a 1' allowable over dredge. The basin will be dredged with 3:1 H: V side slopes up to the adjacent existing grade.

b) Alternatives analysis to the proposed project is as follows. Multiple disposal options were considered by CLE engineering such as open water disposal, upland and beneficial reuse. For each case, the feasibility of the alternative was analyzed relative to the volume of dredged material, the availability of a suitable disposal site and the cost of disposal. With these guidelines in mind.

CLE Engineering investigated the alternatives considered for this project which included:

1. **"No action" alternative:** This would result in the continued shoaling of the harbor basin and impede the navigation of vessels. No action would have negative impacts on public safety and local waterborne commerce.

2. “Dredging Alternative”:

- a. Alternative dredging methods: The types of dredging methods that were considered for this project included a hydraulic pipeline dredge, and a mechanical dredge.
- b. Disposal alternatives: The various types of disposal options that were considered for this project include Open Water Disposal, Upland Disposal, and Beneficial Reuse. Upland disposal proved too costly, Beneficial Reuse was not feasible due to the make up of the dredged material, and therefore Open Water is the only viable disposal option.

c) The mitigation measures that will be implemented will avoid potential impacts to fish habitat, and shellfish spawning. They will include no-dredging from May 30th to October 1st and from February 1st to June 15th.