

Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOEA No.: 14447
 MEPA Analyst: Purvi Patel
 Phone: 617-626-1029

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: Gloucester Inner Harbor Dredging, North Channel		
Street: Inner Harbor, North Channel		
Municipality: Gloucester	Watershed: North Coastal	
Universal Transverse Mercator Coordinates: N 15483318.461, E 1195679.923	Latitude: N 42°36'52"	Longitude: W 70°39'10"
Estimated commencement date:	Estimated completion date:	
Approximate cost: \$5,200,000	Status of project design: 100	%complete
Proponent: City of Gloucester & MA Department of Conservation and Recreation		
Street: 349 Lincoln Street Bldg.45		
Municipality: Hingham	State: MA	Zip Code: 02043
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Ceasar C. Duarte Jr.		
Firm/Agency: CLE Engineering, Inc.	Street: 15 Creek Road	
Municipality: Marion	State: MA	Zip Code: 02738
Phone: 508-748-0937	Fax: 508-748-1363	E-mail: CDuarte@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 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): 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 Ch. 91 Waterways; US Dept. of ACOE PGP Catg II; MA DEP 401 Water Quality Certification (WQC) & MA Office of Coastal Zone Management (CZM) Consistency Statement) No

List Local or Federal Permits and Approvals:

- MA DEP Order of Conditions – issued 02-06-09
- MA DEP Ch.91 Waterways – Pending
- US Dept. of ACOE PGP Catg II – Pending
- MA DEP 401 Water Quality Certification (WQC) – 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: <u>MA DEP Order of Conditions</u> <u>US Dept of ACOE PGP2</u> <u>MA CZM Consistency Statement</u>
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)				

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.) The purpose of this project is to perform dredging of the Gloucester Inner Harbor – North Channel between the Federal Channel and the existing bulkheads / piers. The proposed project involves removing approximately 20,700 CY of dense clay near Jodrey State Pier, and approximately 51,200 CY from the North Berth area from the USCG station northward. The dredging will allow deeper drafts for commercial vessels to use these areas even during lower tidal stages of the Gloucester Inner Harbor - North Channel.

(b.) No action would result in the restriction of vessel size in the waterway between the Federal Channel and the existing shore/structures and impede the navigation of vessels. No action would have negative impacts on public safety and local waterborne commerce. Therefore the dredging alternative was found to be the only viable option. 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, Open Water disposal was deemed the most feasible option. Upland disposal is extremely expensive and requires a great deal of wasted resources; beneficial reuse is not feasible because the majority of the material is dense clay making it unavailable for beach nourishment.

(c.) The following measures will be taken to avoid potential impacts to fish habitat, and shellfish spawning: No dredging or disposal will occur between February 15th thru July31st of any year.