

ENF Environmental Notification Form

For Office Use Only
 Executive Office of Environmental Affairs
 EOEA No.: 14456
 MEPA Analyst: Holly Johnson
 Phone: 617-626-1023

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: Cape Cod Canal East Mooring Basin Dredging		
Street: N/A – In water work, adjacent to Scusset Beach Road		
Municipality: Sandwich	Watershed: Coastal (South Coastal)	
Universal Transverse Mercator Coordinates: 41.775012°; -70.506161°	Latitude: 41°46'30.04"N Longitude: 70°30'22.18"W	
Estimated commencement date: 11/01/09	Estimated completion date: 01/30/09	
Approximate cost: \$2,800,000	Status of project design: 60	%complete
Proponent: Great Lakes Dredge and Dock		
Street: 2122 York Road		
Municipality: Oak Brook	State: IL	Zip Code: 60523
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Kris van Naerssen		
Firm/Agency: AECOM Environment	Street: 2 Technology Park Drive	
Municipality: Westford	State: MA	Zip Code: 01886-3140
Phone: 978-589-3000	Fax: 978-589-3100	E-mail: kris.vannaerssen@aecom.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. Projects on adjacent waters filed as EOEA Project #12586, 11926, 3422, 8214) 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:
 - US Army Corps Programmatic General Permit Category II, Coastal Zone Consistency Review;
 - Sandwich Conservation Commission Order of Conditions;

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 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> Chapter 91 Dredge Permit
Total site acreage	19.6 Acres			
New acres of land altered		9.91 Ac*		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		0		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	0	0	0	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	0	0	0	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	0	0	0	
GPD wastewater generation/ treatment	0	0	0	
Length of water/sewer mains (in miles)	0	0	0	

* Temporary impacts to *Land Under the Ocean* footprint. Project involves re-dredging to previously dredged depths

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 (Portions of the proposed work area are designated as Estimated Habitat of Rare Species (EH 75) and Priority Sites of Rare Species (PH 15) per the online edition of the 13th Edition of Massachusetts Natural Heritage Atlas, effective October 1, 2008 and correspondence with the NHESP) 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 Old Kings Highway Regional Historic District) 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 - However, An ACEC is located approximately 2.5 miles from the proposed project work area.

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 proposed project involves the dredging of sand from the Cape Cod Canal East Mooring Basin (EMB). Great Lakes Dredge and Dock (GLDD) proposes using the material dredged from the EMB as a cap for the existing Boston Inner Harbor Confined Aqueous Disposal Cells (CAD Cells), a separate federally funded dredging project located in Boston, MA. The proposed EMB dredging project is located in Sandwich, Massachusetts. The EMB is situated at the eastern end of the Cape Cod Canal, on the north side of the Canal and just inside the canal's entrance to Cape Cod Bay.

The proposed EMB Dredging Project is being pursued distinct from, but tangentially related to, the recently awarded Federal Navigational maintenance project within the Cape Cod Canal and the ongoing federal dredging activities within Boston Harbor.

The EMB is authorized to a depth of 25-feet at Mean Low Water (MLW), though historic surveys indicate that the EMB has previously been dredged to -32 +2' feet MLW, as recently as 1990. The proposed project involves the permitting, and subsequent dredging, of the EMB sands located between -25' Mean Lower Low Water (MLLW) and -32+2' MLLW. MLLW at the site is 0.3' Lower than MLW. Historic surveys indicate that the site has been previously dredged to the design depths. As part of the proposed project, approximately 75,600 cubic yards of sandy material will be removed from the EMB and used in the construction of a 3-foot thick cap atop the Boston Harbor CAD Cells. The clean sand cap will be placed atop material within the CAD cell designated unsuitable for unconfined open water disposal.

In addition to providing a source of CAD Cell capping material, additional project benefits include the restoration of the EMB to previously dredged depths, which will allow larger vessels usage of the EMB with fewer tidal or draft restrictions and added benefit of increased amount of time required between the federally funded EMB dredging events.

Please see Attachment A – ENF Project Description for Additional Detail regarding the proposed project.