

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 14122
 MEPA Analyst: Nick ZAVOLAS
 Phone: 617-626-1030

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: Emergency Maintenance Dredging and Fender Repairs for the Morrissey Blvd. Bridge Channel.		
Street: Morrissey Blvd.		
Municipality: Boston, MA	Watershed: Charles River Drainage basin	
Universal Transverse Mercator Coordinates: N15372502.513, E1086657.180	Latitude: 42° 18' 14"	Longitude: 71° 02' 52"
Estimated commencement date: ASAP	Estimated completion date: Approx. 2 weeks	
Approximate cost: Approx. \$250,000	Status of project design: 100 %complete	
Proponent: Department of Conservation and Recreation, Waterways Division		
Street: 349 Lincoln Street		
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 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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify DEP Chapter 91 Waterways License, Boston Conservation Commission Order of Conditions, US Department of ACOE PGP Catg.II, DEP 401 Water Quality Certification) No

- List Local or Federal Permits and Approvals:
- DEP - Chapter 91 Waterways License – (Pending)
 - Boston Conservation Commission/DEP, Notice of Intent – Order of Conditions (Pending))
 - US Department of ACOE PGP Cat.II – (Pending)
 - DEP - 401 Water Quality Certification – (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 <i>(including Legislative Approvals) – Specify:</i> ACOE PGP Category 2
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 project site is located in Dorchester Bay just north of the Neponset River. The proposed emergency maintenance dredging of the navigation channel approximately 200 feet long, 64 feet wide and to a depth of seven (7') feet with a one (1') foot over-dredge allowance relative to Mean Low Water (MLW). The emergency maintenance dredging would require removal of approximately 2,250 CY of material with placement on the northeast bridge abutment for a distance of 500' along Morrissey Boulevard as bank stabilization. The dredged sediment (consisting of material with less than 10% fines passing the #200 sieve) will be mechanically transported at low tide and placed above the Mean High Water (MHW) and planted with salt tolerant coastal vegetation. The bank stabilization area is approximately 500 feet long with an average width of 82 feet. This area would allow for the placement of approximately 1.5' of material along the abutment. A 4,200 square foot area of salt marsh is located just outside the area of beach nourishment, below MHW and will be avoided to prevent any disturbance to the resource area. The fender system repairs will be performed following the completion of the emergency maintenance dredging. The underwater inspection performed on 8-24-07 served to verify pile conditions under Mean Low Water. The most evident repair and replacement requirements are to the fender beams, which potentially come into direct contact with vessels. The inspection revealed the need to replace 358 liner feet of fender beams and repair 65 liner feet of fender beams.

b.) The alternatives to this project are primarily the manner of disposal of the dredge material. The option chosen was bank stabilization along the northeast bridge abutment for a distance of 500' along Morrissey Boulevard above MHW. Other options were open water disposal and disposal to an approved upland disposal site. Due to the emergency nature of this project, time constraints, cost and suitability of the material bank stabilization of the embankment meets the project goals.

c.) The following measures will be taken to avoid potential impacts to resource areas:

1. Short time frame and project location look to minimize any impacts
2. Any salt marsh areas will be avoided during bank stabilization.