

ENF

Environmental Notification Form

EOEA No.: 12786
MEPA Analyst: Bill GAGE
Phone: 617-626-1025

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: Remediation and Salt Marsh Restoration at Belle Isle Inlet		
Street: Saratoga Street		
Municipality: East Boston	Watershed: Mystic River Basin	
Universal Transverse Mercator Coordinates:	Latitude: 42, 23' Longitude: 70, 59' 44"	
Estimated commencement date: Fall 2002	Estimated completion date: Spring 2003	
Approximate cost: \$400,00 - 600,000	Status of project design: 0	%complete
Proponent: City of Boston, Parks Department		
Street: 1010 Massachusetts Avenue		
Municipality: Boston	State: MA	Zip Code: 02118
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Mr. Bob Cummings		
Firm/Agency: East Coast Engineering	Street: 156A Front Street	
Municipality: Marion	State: MA	Zip Code: 02738
Phone: (508) 748-2460	Fax: (508) 748-2553	E-mail: bobc @ east coastengineering. Com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes X No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) X No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) X No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes X No
 - a Special Review Procedure? (see 301 CMR 11.09) Yes X No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes X No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes X 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): City of Boston is financing the project.

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

List Local or Federal Permits and Approvals: Order of Conditions; Water Quality Permit; Programmatic General Permit (Category II).

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 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 |
| X 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 type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input 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	1.6 acres			
New acres of land altered		None		
Acres of impervious area	None	None	None	
Square feet of new bordering vegetated wetlands alteration		None		
Square feet of new other wetland alteration		0.63 acres (restored)		
Acres of new non-water dependent use of tidelands or waterways		None		
STRUCTURES				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	N/N	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

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 _____) X No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) X 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 _____)

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 _____) X No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____)

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

X Yes (Specify: Rumney Marshes ACEC) 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.*)

The project site consists of approximately 1.6 acres off Saratoga Street in East Boston. The property, which was formerly owned by the Belle Island Fish Company (BIFCO), is a wetland (salt marsh) that has undergone previous filling with demolition materials such as concrete, wood, brick and other debris. The site is bordered by the MBTA Blue Line Maintenance facility to the west; Belle Isle Inlet Channel to the east; and salt marshes to the north and south. Currently the site is vacant. A Phase II Comprehensive Site Assessment (CSA) performed on the site concluded that, based on the nature and extent of contamination on the site, the best alternative for remediation is the selective removal of the debris and contaminated soils and on-site encapsulation of the remaining soils (see the CSA (February 27, 2001) attached to this ENF for details of the investigation).

The proposed project under review consists of the selective excavation and removal of the previously disposed material and contaminated soils and on-site encapsulation of the remaining soils. The excavated area will be backfilled with an organic salt marsh soil substrate and planted with indigenous, herbaceous salt marsh plant species for restoration of the salt marsh habitat (see the Salt Marsh Restoration Plan attached to this ENF). The remaining material on the site will be consolidated, graded to promote runoff and capped to create shoreline stabilization structures (i.e. low banks) adjacent to the restored/existing salt marshes. The shoreline structures will be loamed and seeded with upper salt marsh fringe grasses. This remediation and restoration will enhance the wetland/wildlife values on the site and will provide a passive recreational area for residents of this area.

Alternatives to the proposed project include a 1) no action and 2) excavation of contaminated media and off-site disposal/recycling and salt marsh restoration. The no action alternative provides no benefit to the public and/or to the environment. The excavation and off-site disposal/recycling of the material would achieve a permanent remedial solution; however, due to the cost (i.e. 1,200,000.00) the City of Boston is unable to pursue this alternative. The recommended alternative of selective removal and on-site encapsulation of the materials represents a cost effective solution for the City of Boston and the inhabitants of East Boston and one that provides protection of human health and the environment.