

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOEA No.: 13615
 MEPA Analyst: ANNE CANADAY
 Phone: 617-626-1035

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: Marina Bay Expansion		
Street: 333 Victory Road		
Municipality: Quincy	Watershed: Dorchester Bay	
Universal Transverse Mercator Coordinates: 19 332963E 4684939N	Latitude: 42° 18' 02"N	Longitude: 71° 01' 35"W
Estimated commencement: April, 2006	Estimated completion date: June, 2006	
Approximate cost: \$500,000	Status of project design: 50% complete	
Proponent: Marinas USA, L.L.P.		
Street: 333 Victory Road		
Municipality: Quincy	State: MA	Zip Code: 02171
Name of Contact Person From Whom Copies of this ENF May Be Obtained: David Klinch, PWS		
Firm/Agency: ENSR	Street: 2 Technology Park Drive	
Municipality: Westford	State: MA	Zip Code: 01886
Phone: 978/589-3000 x3528	Fax: 978-589-3100	E-mail: dklinch@ensr.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. 13097) 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): 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: City of Quincy Order of Conditions, MA DEP Chapter 91 Waterways License Amendment, USACE Category II PGP, MACZM Consistency Cert.

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 Permit <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 checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> <u>CZM Consistency Statement</u> <u>USACE Category II PGP</u> <u>Chapter 91 License Amendment</u>
Total site acreage	35.8 (all water)			
New acres of land altered		0		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		1,000 sf		
Acres of new non-water dependent use of tidelands or waterways		0		
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 Adjacent to the Neponset River Estuary 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.)

A. Project Site & Summary

The Marina Bay facility, located within Quincy Harbor, Massachusetts, is an existing 36+/- acre private 685 slip marina. The marina is protected by a 2,200 foot long breakwater, and existing water depths within the marina range from 5 to 12 feet. The proposed project includes reconstruction of an existing pier and addition of support piers and floats providing docking space for approximately sixty (60) additional vessels within the marina. In addition, a pile-mounted panel breakwater extension to the existing rubble breakwater is proposed to protect the reconfigured area.

B. Alternatives Analysis and Temporary Project Impacts

The scope of work proposed in this permit application includes reconstruction of the northernmost pier at the marina, addition of associated finger piers and floats supporting approximately 60 additional vessels, and construction of a 300' long pile-mounted panel breakwater extending off of the existing rubble breakwater. Approximately 23,500 square feet of decking for piers and floats is proposed as part of this project. All proposed work is located within the existing marina footprint; *no expansion of the aerial extent of the Marina Bay boating facility is proposed in this application.* No dredging or disturbance of land below mean water other than through pile installation is proposed as part of this project. Alternatives to this include a) *construction of a pier in another area*, b) *extending existing piers*, and c) a *No-Action* alternative. It is believed that the preferred alternative has the least environmental impact. It is also most efficient means of completing this project as the preferred location previously comprised piers, but these were destroyed by coastal storms twice since 1990. The proposed breakwater will protect the area from storm damage. Alternative a), involving *construction of a pier in another area*, is not practical given the current configuration of the marina. The proposed alternative uses the only currently unused part of the boatyard. The proposed placement allows for the extension of the breakwater to be fully protective of the area. The selected alternative also allows for free movement of traffic in and out of the marina and accommodation of large vessels. The construction of a pier in another area would cause impacts to mudflats, coastal bank, or vegetated wetlands. The selected alternative also does not require dredging to accommodate larger vessels as may be required in other areas. The proposed site also allows two sites of access from land providing easy access for boaters. Alternative b), involving the *extension of existing piers* would not accommodate the needs of the marina and provides no environmental benefit over the preferred alternative. Extending existing piers would hinder the flow of boat traffic in the marina. The existing piers also could not be extended to include the large size slips that the preferred alternative could provide. Extension of the existing piers would also have similar environmental impacts for construction. In addition, keeping larger boats further seaward than smaller vessels minimizes the amount of dredging required in the future to maintain the marina. Alternative c), *No Action alternative*, would limit the use of Marina Bay for its intended purpose and is unacceptable. A *No Action* alternative would limit the use of Marina Bay for its intended purpose and will not address the latent demand for boating facilities. This option would not meet the needs of the marina or the boating community.

Piers have been previously licensed for this area. The project involves the replacement of the piers in a different configuration to accommodate the boating community. No impacts to Salt Marsh or other wetlands are proposed as part of this project.

C. Potential On-Site and Off-Site Mitigation Measures

A number of measures are proposed for use with the goal of reducing the amount of sediment suspension within Marina Bay. Work will be performed from barges with the minimum amount of anchor (spud) locations. Water quality will be visually monitored and construction activities rescheduled if considerable changes in water quality are observed. To the extent practical, work will be performed during periods of reduced current and wave action. No equipment will be placed in vegetated wetlands or mudflats.