

**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.: 13381  
 MEPA Analyst: Bill GAGE  
 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: Winthrop Yacht Club Marina Expansion		
Street: 649 Shirley Street		
Municipality: Winthrop	Watershed: Winthrop Harbor	
Universal Transverse Mercator Coordinates:	Latitude: 42° 23' 06" N Longitude: 70° 58' 22" W	
Estimated commencement date: June 2005	Estimated completion date: June 2006	
Approximate cost: \$350,000	Status of project design: 75 %complete	
Proponent: Winthrop Yacht Club		
Street: 649 Shirley Street		
Municipality: Winthrop	State: MA	Zip Code: 02152
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Milton S. Fistel, P.E.		
Firm/Agency: Fistel & Associates, Inc.	Street: 330 Humphrey Street	
Municipality: Swampscott	State: MA	Zip Code: 01907
Phone: 617-755-4521	Fax: 781-593-9493	E-mail: mfistel@aol.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): 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: Local Order of Conditions; U.S. Army Corps of Engineers Programmatic General Permit, Category 2.

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
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input checked="" 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> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
Total site acreage	6.5 acres			
New acres of land altered		0		
Acres of impervious area	6.5 acres	0	6.5 acres	
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		
<b>STRUCTURES</b>				
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	
<b>TRANSPORTATION</b>				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
<b>WASTEWATER</b>				
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/A	
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 \_\_\_\_\_ )  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.)

See Attached Project Narrative and narrative below:

**a) Existing Conditions.** The project site is located in Winthrop Harbor at 649 Shirley Street, Winthrop, Massachusetts. The Winthrop Yacht Club was established in 1884 and during the past 120 years the Yacht Club has expanded to having 400 regular members and 125 life members. During past 32 years the marina has increased its capacity to 122 slips that have been licensed by the Department of Environmental Protection as well as permitted by the U.S. Army Corps of Engineers. The main piers are pile supported timber structures and are oriented perpendicular to the shoreline.

There are four existing dock systems. The existing docks include the Pier 'N' 210-feet; Pier 'C' 210-feet; Pier 'M' 210-feet; Pier 'L' 150-feet; and Pier 'S' 218-feet. Docks are typically floats measuring 8' x 30' that held in place by 12' inch diameter timber pilings.

**b) Proposed work:** The Winthrop Yacht Club proposes to add an additional 45 slips consisting of timber pile held wood floats as indicated in the attached plans. There will be (2) new finger floats added to Pier 'N'; (2) new finger floats at Pier 'C'; (7) new finger floats at Pier 'M'; (9) new finger floats at Pier 'W'. There will 7296 sq.ft. of main and finger floats increasing the marina to 167 slips.

A total of (24) new 12" timber piles will be driven with a minimum penetration of 20-feet into the ocean bottom. The new piles will be set into place at the locations indicated on the plans. First using a vibratory hammer to drive the pile several feet into the ocean bottom. The operation will change to drive the piles to the designated depth with the use of an impact pile driving hammer.

**c) Mitigation measures:** Groundwater quality will not be impacted by the proposed work. Surface water quality will be protected through the use of floating containment booms to catch any timber falling into Winthrop Harbor. Timber cutting will be done on land or a barge to extent possible, and all waste and scrap

will be collected on a daily basis for disposal at an appropriate upland facility. All timber will be 12" Greenheart timber piles. The main framing of the floats will be constructed with 4" x 12" Parallam Lumber. The decking will consist of 2 x 6"CCA pressure treated lumber and all hardware will be hot-dipped galvanized. All piles will be capped with white cone shaped polyethylene pile caps.

The project will not have an impact on breeding habitat, escape cover or feed for fisheries. Winthrop Harbor is soft mud with little natural habitat or cover evident. There will be some turbidity and minor disturbance to the ocean bottom during driving of the timber piles. No pile will be driven from February 15<sup>th</sup> to June 15<sup>th</sup>.