

Commonwealth of Massachusetts
Executive Office of Environmental Affairs ■ MEPA Office

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: 13146
 MEPA Analyst: Nick Zavalas
 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: Green Harbor Marina Maintenance Dredging Project		
Street: 239 Dike Road (Rte 139)		
Municipality: Marshfield (Green Harbor)	Watershed: South Coastal	
Universal Transverse Mercator Coordinates: N396722.80 W 830904.76	Latitude: N 42 - 05 - 10 Longitude: W 70 - 39 - 07	
Estimated commencement date: Fall 2004	Estimated completion date: Winter 2004	
Approximate cost: \$70,000.00	Status of project design: 100% %complete	
Proponent: Marina Harbor II Corporation d/b/a Green Harbor Marina		
Street: 239 Dike Road (Rte 139)		
Municipality: Marshfield (Green Harbor)	State: MA	Zip Code: 02041
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Daniel Vigneau, Treasurer of Marina Harbor II Corporation		
Firm/Agency: Green Harbor Marina	Street: 239 Dike Road (Rte 139)	
Municipality: Marshfield (Green Harbor)	State: MA	Zip Code: 02041
Phone: (781) 837-1181	Fax: (781) 834-0163	E-mail:

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): 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:
Corps of Engineers, Permit DEP, Water Quality Certificate & Chapter 91 Permit
Town of Marshfield, Con. Com., Order of Conditions & Board of Appeals, Special Permit

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 Permit <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 (including Legislative Approvals) – Specify: * Special Permit, Marshfield Board of Appeals
Total site acreage (4.1 acres of Boat Basin to be Dredged)	5.2	4.1	4.1	
New acres of land altered (1.1 acres for the Temporary Dewatering Site)	1.1	1.1	1.1	
Acres of impervious area	None			
Square feet of new bordering vegetated wetlands alteration	None			
Square feet of new other wetland alteration	4.1 Acres (178,596 sf)	4.1 Acres (178,596 sf)	4.1 Acres (178,596 sf)	
Acres of new non-water dependent use of tidelands or waterways	None			
STRUCTURES				
Gross square footage	N/A			
Number of housing units	N/A			
Maximum height (in feet)	N/A			
TRANSPORTATION				
Vehicle trips per day	N/A			
Parking spaces	N/A			
WATER/WASTEWATER				
Gallons/day (GPD) of water use	N/A			
GPD water withdrawal	N/A			
GPD wastewater generation/treatment	N/A			
Length of water/sewer mains (in miles)	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):

**Marina Harbor II Corporation
d/b/a The Green Harbor Marina**

The project site is located on the southeasterly side of Dike Road, (Rte 139), in the Green Harbor Section of Marshfield. The property consists of three (3) contiguous parcels of land, totaling 7.2 acres and transverses the Green Harbor River, from south to north. The working Green Harbor Marina and its support buildings and facilities, along with other water dependent activities catering to the public are located along the southerly side of the River. Abutting these amenities, but in the River, is the float system to the Marina. This system consists of six (6) main stem floats with several finger floats attached thereto, as shown on the Project Plans, 5 Sheets, in Attachment A.

The float system covers approximately 4.1 acres of land under the water. We are proposing to maintenance dredge this area to -5 Mean Low Water (mlw), with a one foot over dredge. The estimated quantity to -5 mlw is 8,500 cy, and if the entire one foot over dredge was excavated, the estimated quantity would be 15,100 cy. It should be pointed out, according to the Laboratory Report for the material to be dredged, see Attachment A, its water content is about 52.3 %. This will result in a lesser quantity once the material has dried.

It is our intent to 'piggy-back' on the anticipated Fall of 2004, Corps of Engineers and Town of Marshfield's hydraulic maintenance dredging of the river and boat basin/s. If the dredging occurs, we are proposing to dispose of all or part of our material on property owned by the Marina on Dike Road, (Disposal Area I), or all or part of the material, at the Town of Marshfield's upland dredge disposal site, off of Town Pier Road, (Disposal Area II). These locations have been active as dredge disposal areas in the past and are shown on a section of a Corps' aerial photo taken in 1969, see Attachment B, and are identified on the photo as the above mentioned Disposal Areas I & II.

If the Corp's/Town dredging does not occur, because of the existing siltation problems at the Marina, we are planning to dredge alone. If we do, most likely, it will be done mechanically. Therefore, we are also seeking approval to dispose of the material at sea, either at the Mass Bay Disposal Site, or at the Cape Cod Disposal Site. These locations, and the Town's Disposal Site are shown in the above mentioned Attachment B, 4 pages. The above mentioned Marina's on-site disposal area is shown on Sheet 4, of the above mentioned Project Plans and is located on the northerly side of the River.

PROJECT DESCRIPTION CONTINUED

Marina Harbor II Corporation d/b/a The Green Harbor River

Alternatives No Dredging

In the early nineties, an Order of Conditions was received from the Marshfield Conservation Commission and two (2) Special Permits were received from the Marshfield Board of Appeals for maintenance dredging at the Marina. In addition, a Chapter 91 Permit was received from DEP, as well as a Water Quality Certificate. It was anticipated the Corps/Town would be performing maintenance dredging in the adjacent channel, but the dredging was not done.

The permits were issued to dredge to -5.5 mlw, with an assumed one half foot over dredge. The estimated quantity was 2,500 cy. to -5.5 mlw. Given the 4.1 acre dredging envelope, over the past 12+ years, the Marina has silted in an average depth of 1.8'. If this rate continues, in a few short years, the Marina and most of the other water-dependent activities will only be functional during half tides.