

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: *14417*
 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: Fore River Dredging		
Street:		
Municipality: Braintree	Watershed: Weymouth Fore River	
Universal Transverse Mercator Coordinates:	Latitude:	Longitude:
Estimated commencement date: 11/1/09	Estimated completion date: 1/30/10	
Approximate cost: \$425,000	Status of project design: 90 %complete	
Proponent: Braintree Yacht Club		
Street: 9 Gordon Road		
Municipality: Braintree	State: MA	Zip Code: 02184
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Craig Donahue		
Firm/Agency: PEDDA, Inc.	Street	
Municipality: Pembroke	State: MA	Zip Code: 02359
Phone: 781 335-1880	Fax:	E-mail: <u>CSD70091307@aol.com</u>

- 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):
 Requesting grant funding from the Department of Conservation and Recreation Rivers and Harbors Program in the amount of \$215,000.

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

List Local or Federal Permits and Approvals:
Order of Conditions from Braintree Conservation Commission
 Corps of Engineers
 DEP Water Quality Certificate
 Ch. 91 Dredge 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 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 type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>
Total site acreage	2.61			
New acres of land altered		0		
Acres of impervious area	n/a			
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		120,000		
Acres of new non-water dependent use of tidelands or waterways		0		
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.*)

See attached project narrative

EXHIBIT A

Braintree Yacht Club Dredging - Project Narrative

Project Description

The Braintree Yacht Club is proposing to dredge the existing boat basin within the Weymouth Fore River. The project will consist of dredging an area of approximately 2.74 acres. The dredging will consist of excavating material to depth of minus six (6) feet mean low water datum for a total of approximately 14,100 cubic yards of material to be removed. The material will be mechanically excavated from a barge-mounted crane. The material will be placed into a bottom dump scow that will be towed to the Massachusetts Bay Disposal Site (MBDS) for disposal pending approval from DEP and the Army Corps of Engineers.

Purpose

The purpose of the project is to maintain access to the existing boat docking area. The club provides docking space to 175 members and provides an essential, coastal recreational asset for Braintree residents as well as area residents. The area has silted in to the extent that the river is not navigable to many boats except at high tide. This condition presents a danger to the boating public.

Resource Areas & Performance Standards

In May, 2008, PEDA, Inc. performed a hydrographic survey of the project area. The results of the survey were used to determine the area of the docking area requiring dredging and the volume of material to be dredged. The survey/plans are attached as Exhibit B.

The project falls within the near shore of Land Under the Ocean as described in the Regulations of the Massachusetts Wetlands Protection Act regulations (310 CMR 10.25) and within an area of potential shellfish habitat under 310 CMR 10.34. Massachusetts GIS "Designated Shellfish Growing Area" layer dated October, 2000, shows the area of the proposed dredging to be closed to the taking of shellfish. The Weymouth Fore River is known to be an anadromous fish run. The Division of Marine Fisheries reviewed the Notice of Intent application and commented that a time of year restriction and best management practices should be followed for the protection of spawning and migrating fish and soft shell clams.

Pursuant to 310 CMR 10.25, Land Under the Ocean is likely to be significant to the protection of marine fisheries, shellfish, storm damage prevention, flood control, and wildlife habitat. Given the time of year restrictions and other best management practices to be implemented, the project will not affect the functions of this resource area.

Construction Methodology

Construction requirements are as follows:

1. The material will be mechanically excavated from a barge mounted crane with a sealed clamshell bucket and deposited in a bottom dump scow. A silt curtain will be used to contain turbidity around the dredge area.
2. The dump scow will be towed to the disposal site designated by the COE in the MBDS in accordance with the COE and DEP Water Quality Certificate requirements.
3. Prior to completion of maintenance dredging, a hydrographic survey will be completed to verify project depths.
4. Additional monitoring and mitigation measures required by the Water Quality Certificate and the COE permit will be incorporated into the dredging operation.

Mitigation

The project has been designed to minimize the impacts to the coastal resource areas. Dredging will not be done during fish spawning and migrating periods as directed by the Division of Marine Fisheries. The maintenance dredging is designed to provide adequate clearance for the vessels using the yacht club, thereby reducing the risk of propeller disturbance at the site.

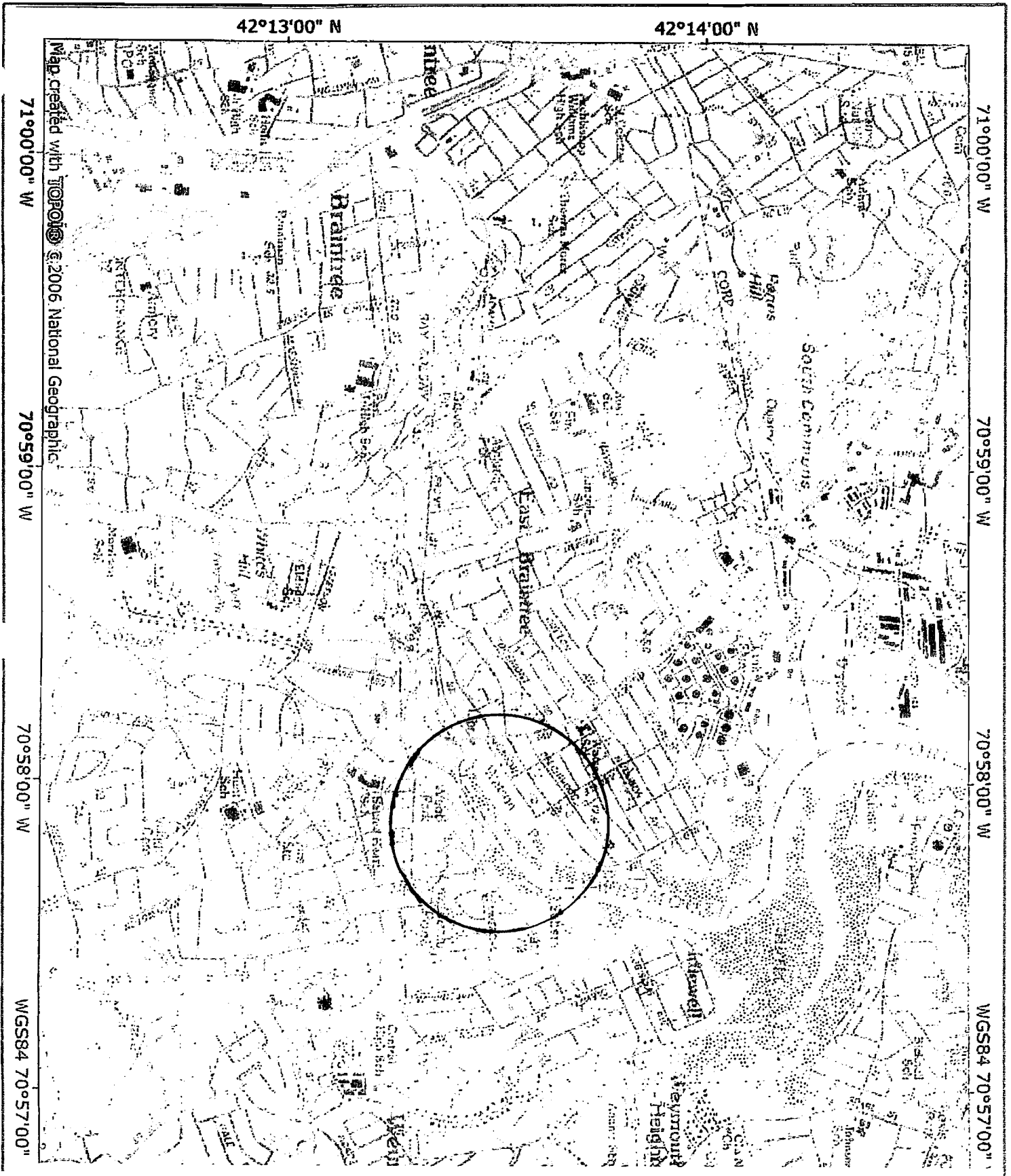
The applicant shall comply with all mitigation measures as required in the following permits to be issued for the project:

- US Army Corps of Engineers
- MA DEP Water Quality Certificate
- MA DEP Chapter 91 Dredge Permit
- MA Coastal Zone Management, Federal Consistency
- Braintree Conservation Commission, Order of Conditions

The proposed maintenance dredging has no off-site alternatives. On-site alternatives include:

No-build alternative: The no-build alternative will result in the further deterioration of the access to navigable waters from the site and continued use of the yacht club. The no-build alternative does not meet project goals and is not considered further.

The proposed maintenance dredging is the preferred alternative presented in this filing.



P E D A Inc. CONSULTING ENGINEERS PEMBROKE MA. 02359 781.335.1880	BRAINTREE YACHT CLUB BRAINTREE MA	DATE: 4/1/2008
	LOCATION PLAN WITH USGS MAP	SK-1

