

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.: 14092
 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: Proposed Maintenance & Improvement Dredging and Marine Park Improvements.		
Street: 117 & 119 Edward Foster Road		
Municipality: Scituate	Watershed: South Coastal	
Universal Transverse Mercator Coordinates:	Latitude: 42° 11' 43" Longitude: 70° 43' 05"	
Estimated commencement date: Fall 2007	Estimated completion date: Fall 2009	
Approximate cost: \$6,800,000.00	Status of project design:	50 %complete
Proponent: Town of Scituate – Mark Patterson, Harbor Master		
Street: 100 Cole Parkway		
Municipality: Scituate	State: MA	Zip Code: 02066
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Ceasar C. Duarte Jr.		
Firm/Agency: CLE Engineering, Inc.	Street: 15 Creek Road	
Municipality: Marion	State: MA	Zip Code: 02738
Phone: (508) 748-0937	Fax: (508) 748-1363	E-mail: CDuarte@CLEEngineering.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 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):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify DEP Chapter 91 Waterways, US Department of ACOE PGP Catg. II
 DEP 401 Water Quality Certification) No

List Local or Federal Permits and Approvals:
 ▪ DEP Chapter 91 Waterways - Pending

- US Department of ACOE PGP Catg. II – Pending
- DEP 401 Water Quality Certification – Pending
- CZM Consistency Statement - Pending
- Order of Conditions, Scituate Conservation Commission - Issued 06/26/07

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 checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i> ACOE PGP Category 2 CZM Consistency Statement
Total site acreage	3.2			
New acres of land altered				
Acres of impervious area	0.94 acre	Remove 0.94 acres	0	
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		
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 _____) 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) The initiative by the town is to provide public recreational boating and access for commercial facilities to service fishing & maritime industry, as well as to preserve its maritime heritage. The purpose of this project is the maintenance & improvement dredging of the marina, maintenance/improvements to the existing seawall and ultimately a new revetment construction at the Scituate Marine Park in Scituate MA. The project will be carried out in stages that will be implemented during the life of the permits. The project area is a 3.2-acre parcel situated between First & Second Cliffs in Scituate Massachusetts. The Scituate Marine Park marina site has a general controlling depth of 4-5 feet below mean lower low water (mllw) which was previously dredged to -5.0' in 1970. The marine park's existing concrete bulkhead provides little to no protection from extreme high tides that periodically flood the site. Phase one consists of the repair and maintenance of the existing seawall, and the raising of the surface elevation of the marine park. Phase two consists of the maintenance & improvement dredging of the marina down to -6.0 feet mllw with a one (1) foot allowable over dredge and reorientation of the float system. The dredging will require the removal of 10,500 c.y. of material to be disposed at the Mass Bay Disposal Site with the option of going to an approved upland disposal site. A travel lift and steel sheet pile retaining wall system will also be installed. Phase three will include the removal of the existing seawall and the construction of a new stone revetment.
- b) Alternatives analysis to the proposed project is as follows:
 - a. *Offshore Disposal.* Following Army Corps of Engineers approval of sediment biological testing, the 10,500 C.Y of material would be disposed offshore at the Mass Bay Disposal Site (MBDS).
 - b. *Upland Disposal Site:* In the event the dredge material is unsuitable for off shore disposal the material would then go to an approved upland disposal site.

- c) The mitigation measures that will be implemented will encompass 22,460 S.F.(0.51 acres) and would be as follows:
- a. With the removal of the existing seawall and the construction of the new stone revetment landward, this will result in the reduction of the boatyard's total footprint equaling 11,730 S.F, which in turn would create additional marine habitat in the area.
 - b. Phragmites removal of an estimated area of 8,408 S.F along the northwest edge of the site and replaced with plantings that are more environmentally suitable such as marsh grass (*Spartina patens*), beach grass (*Ammophila breviligulata*), and salt spray rose (*Rosa-rogorosa*).
 - c. The restoration of historical coastal dunes would equal 9,531 S.F at the eastern edge of the site, along the limits of the barrier beach.

See attached Exhibits for more detailed information.