

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.: **12892**
 MEPA Analyst: **Arthur Pugsley**
 Phone: 617-626-**1029**

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: Town of Yarmouth 10 Year Comprehensive Permit - Englewood Channel, Englewood Mooring Basin, Englewood Boat Ramp, and Pine Island Entrance Channel Maintenance Dredging and Beach Nourishment		
Street: Nearest street is Public Access Boat Ramp off New Hampshire Avenue in Yarmouth		
Municipality: Yarmouth	Watershed: Lewis Bay	
Universal Tranverse Mercator Coordinates:	Latitude: 41°38'35" N Longitude: 70°15'18" W	
Estimated commencement date: Dec.15,2002	Estimated completion date: Apr.15, 2012	
Approximate cost: \$ 75,000.00	Status of project design: 100 % complete	
Proponent: Town of Yarmouth Department of Natural Resources		
Street: 597 Forest Road		
Municipality: West Yarmouth	State: MA	Zip Code: 02673
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Norman Hayes or Brad Holmes		
Firm/Agency: The BSC Group	Street: 384 Washington Street	
Municipality: Norwell	State: MA	Zip Code: 02061
Phone: (781) 659 - 7981	Fax: (617) 345 - 8027	E-mail: bholmes@bscgroup.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): Town of Yarmouth, Department of Environmental Management

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify See below) No
 United States Army Corps of Engineers, DEP, Town of Yarmouth

List Local or Federal Permits and Approvals: Yarmouth Conservation Commission-Order of Conditions DEP Waterways Permit, DEP 401 Water Quality Certification, USACOE – Category II PGP
 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: <u>USACOE PGP Cat II</u>
Total site acreage	Englewood Basin, Englewood Channel, Englewood Beach, & Pine Island Channel			
New acres of land altered		Approx. 2.29 acres (Land Under Ocean & Coastal Beach)		
Acres of impervious area	Not Applicable	Not Applicable	Not Applicable	
Square feet of new bordering vegetated wetlands alteration		Not Applicable		
Square feet of new other wetland alteration		Not Applicable		
Acres of new non-water dependent use of tidelands or waterways		Not Applicable		
STRUCTURES				
Gross square footage	Not Applicable	Not Applicable	Not Applicable	
Number of housing units	Not Applicable	Not Applicable	Not Applicable	
Maximum height (in feet)	Not Applicable	Not Applicable	Not Applicable	
TRANSPORTATION				
Vehicle trips per day	Not Applicable	Not Applicable	Not Applicable	
Parking spaces	Not Applicable	Not Applicable	Not Applicable	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	Not Applicable	Not Applicable	Not Applicable	
GPD water withdrawal	Not Applicable	Not Applicable	Not Applicable	

GPD wastewater generation/treatment	Not Applicable	Not Applicable	Not Applicable
Length of water/sewer mains (in miles)	Not Applicable	Not Applicable	Not Applicable

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: see Estimated Habitat Map) 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 (**Letter submitted to the MA Historic Comm. and**

Wampanoag Tribe of Gay Head, copy attached)

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.*)

The Town of Yarmouth is proposing to maintenance dredge (-6 feet Mean Low Water, pay -7 feet Mean Low Water) the Englewood Channel, and Pine Island Entrance Channel and beach nourish Englewood Beach and other adjacent local beaches. Also included within this project is the maintenance dredging of the Englewood Boat Ramp basin, which is the seaward basin associated with the launch ramp, to pay depth at a 3 to 1 slope (please refer to Chapter 91 License Permit #918 enclosed) and maintenance dredging of the Englewood Mooring Basin. The dredge spoils will be dewatered at Englewood Beach and used as beach nourishment as needed at locus. Excess dredge spoils will be trucked to adjacent area beaches and used for beach nourishment according to the site-specific needs. This project may be conducted on a phased timeline based on the containment volume of the stilling (dewatering) basin or basins and/or the need for local beach nourishment. Initially approximately 2,200 cubic yards of 95% compatible sand will be maintenance dredged from the Pine Island Entrance Channel. This channel is located on the National Ocean Survey Chart for Hyannis with the caption "Privately Maintained" which would indicate previous dredging has been conducted. Further the Town of Yarmouth orthophotographs (Photos CC-40S-2 and 3) detail the dredging footprint.

The Englewood Entrance Channel Maintenance Dredging will use dredge spoils as beach nourishment. Approximately 300 cubic yards are proposed for maintenance dredging from the Englewood Entrance Channel. Finally the Englewood Mooring Basin, including the previously dredged area located at the boat ramp (Waterways Permit #918), will be maintenance dredged in accordance with existing and pending permits (1,000 cubic yards to dredge depth). The dredge spoils will be dewatered on Englewood Beach and within the Englewood Beach adjacent parking area. An additional 100-foot by 60-foot dewatering site

exists adjacent to, or west, of the jetty and boaters ramp. This site could also be used as a storage site, which would hold, without excavation, up to 300 cubic yards of beach nourishment. The primary dewatering basin will be constructed out of sands excavated from the beach above Mean High Water (MHW). The basin will further be reinforced with jersey barriers or similar reinforcement on the seaward edge of the dewatering berm as needed and if necessary along New Hampshire Avenue. This dewatering basin will hold up to 2,200 cubic yards. Combined, these basins will account for approximately 70% of the total 3,500 cubic yards of proposed dredge volume to dredge depth. Because the dredge spoil is 95% (+/-) sand, it will immediately precipitate out the sand allowing for immediate beach nourishment off site. FOR MORE INFORMATION REFER TO PROJECT DESCRIPTION ATTACHED

LAND SECTION – all proponents must fill out this section

I. Thresholds / Permits

A. Does the project meet or exceed any review thresholds related to **land** (see 301 CMR 11.03(1))
 ___ Yes **X** No; if yes, specify each threshold:

II. Impacts and Permits

A. Describe, in acres, the current and proposed character of the project site, as follows:

	<u>Existing</u>	<u>Change</u>	<u>Total</u>
Footprint of buildings	<u>N/A</u>	_____	_____
Roadways, parking, and other paved areas	<u>N/A</u>	_____	_____
Other altered areas (describe)	<u>N/A</u>	_____	_____
Undeveloped areas	<u>N/A</u>	_____	_____

B. Has any part of the project site been in active agricultural use in the last three years?
 ___ Yes **X** No; if yes, how many acres of land in agricultural use (with agricultural soils) will be converted to nonagricultural use?

C. Is any part of the project site currently or proposed to be in active forestry use?
 ___ Yes **X** No; if yes, please describe current and proposed forestry activities and indicate whether any part of the site is the subject of a DEM-approved forest management plan:

D. Does any part of the project involve conversion of land held for natural resources purposes in accordance with Article 97 of the Amendments to the Constitution of the Commonwealth to any purpose not in accordance with Article 97? ___ Yes **X** No; if yes, describe:

E. Is any part of the project site currently subject to a conservation restriction, preservation restriction, agricultural preservation restriction or watershed preservation restriction? **X** Yes ___ No; if yes, does the project involve the release or modification of such restriction? ___ Yes **X** No; if yes, describe: Wetlands Restriction Chapter 130 Sec 105, Note beach nourishment is a recommended practice under Chapter 130 sec 105. **Yes - Beach Nourishment is an authorized use.**

F. Does the project require approval of a new urban redevelopment project or a fundamental change in an existing urban redevelopment project under M.G.L.c.121A? ___ Yes **X** No; if yes, describe:

G. Does the project require approval of a new urban renewal plan or a major modification of an existing urban renewal plan under M.G.L.c.121B? Yes ___ No **X** ; if yes, describe:

H. Describe the project's stormwater impacts and, if applicable, measures that the project will take to comply with the standards found in DEP's Stormwater Management Policy: **Not Applicable**

I. Is the project site currently being regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? Yes ___ No **X** ; if yes, what is the Release Tracking Number (RTN)?