

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: 13815
 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: Stewart's Creek Restoration		
Street: Ocean Avenue		
Municipality: Hyannis (Town of Barnstable)	Watershed: Cape Cod	
Universal Transverse Mercator Coordinates: 19 03 86581E 46 09 436 N	Latitude: 41 38' 08" N	Longitude: 70 17' 39" W
Estimated commencement date: Oct. 2007	Estimated completion date: May 2008	
Approximate cost: \$1,200,000	Status of project design:	75 %complete
Proponent: Town of Barnstable, Conservation Division		
Street: 200 Main Street		
Municipality: Hyannis	State: MA	Zip Code: 02601
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Martha Craig Rheinhardt		
Firm/Agency: Vine Associates, Inc.	Street: 18 Beach St., P.O. Box 555	
Municipality: Monument Beach	State: MA	Zip Code: 02553
Phone: 508-743-0390	Fax: 508-743-0391	E-mail: mrheinhardt@vineassociates.net

- 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)) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| a Special Review Procedure? (see 301CMR 11.09) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| a Waiver of mandatory EIR? (see 301 CMR 11.11) | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| a Phase I Waiver? (see 301 CMR 11.11) | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> 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 _____) No

List Local or Federal Permits and Approvals:

Order of Conditions from the Barnstable Conservation Commission and USACE permit to be obtained

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 (including Legislative Approvals) – Specify:
Total site acreage	55 acres			
New acres of land altered		0		
Acres of impervious area	0	0	0	
Square feet of new bordering vegetated wetlands alteration		2.7 acres (mostly <i>Phragmites</i> dominated)		
Square feet of new other wetland alteration		2.8 ac. Salt Pond 0.2 acres salt marsh		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
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	
TRANSPORTATION				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
WATER/WASTEWATER				
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.*)

Stewart's Creek is located on Cape Cod in the town of Barnstable, Massachusetts in the village of Hyannis. The proposed restoration area encompasses approximately 14 acres in the southern portion of the 55-acre Stewart's Creek estuarine ecosystem. Stewart's Creek is connected to Hyannis Harbor (Nantucket Sound) through a 60-foot long, 3-foot diameter concrete culvert that passes under Ocean Avenue. This culvert is located between two public beaches, Keyes Memorial Beach and Hyannisport East Beach. The proposed restoration area consists of Land Under a Salt Pond, Salt Marsh Coastal Beach and Bordering Vegetated Wetlands.

This restoration project is intended to increase the rate of flushing to the estuarine/marsh ecosystem by replacing the existing culvert under Ocean Avenue with a larger culvert; restoring the pond to depths better suited for fish and wildlife; exposing suitable substrates for optimum benthic communities; and restoring salt marsh in the northern portion of lower Stewart's Creek on material dredged to restore the pond. Restored habitats within the project area will include approximately 4.2 acres of salt marsh (2.0 acres of high marsh and 2.2 acres of low marsh), 1.5 acres of unvegetated intertidal habitat, 4.3 acres of subtidal area and tidal creek, 2.0 acres of brackish marsh, 1.5 acres of freshwater marsh, and 0.5 acres of shrub/forest community. The area of marsh created on dredged material will be approximately 2 acres.

Various alternatives for the project were considered, including: 1) No action; 2) replacement of the culvert and dredging of the channel only; 3) replacement of the culvert, dredging of the channel and restoration of salt marsh; and 4) replacement of the culvert, dredging of the channel and off-site disposal of the dredge material. Details of the alternatives analysis, as well as other aspects of the project, are given in both the project narrative (Attachment 3) and the Environmental Assessment (Attachment 4).