

For Office Use Only
 Executive Office of Environmental Affairs

EOEA No.: 13417
 MEPA Analyst: Bill GAGE
 Phone: 617-626-1025

ENF Environmental Notification Form

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: Schulhoff Alteration of a Coastal Bank		
Street: 48 Hiram Pond Road		
Municipality: Dennis	Watershed: Cape Cod Bay	
Universal Transverse Mercator Coordinates:	Latitude: 41°44'49" N Longitude: 70°12'13" W	
Estimated commencement date: 3/1/05	Estimated completion date: 3/31/05	
Approximate cost: \$55,000	Status of project design: 100	%complete
Proponent: Diane Schulhoff		
Street: 40 Old Connecticut Path		
Municipality: Wayland	State: MA	Zip Code: 01778-2803
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Craig Short		
Firm/Agency: Craig R. Short, P.E.	Street: P.O. Box 1044	
Municipality: S. Dennis	State: MA	Zip Code: 02660
Phone: (508) 398-8311	Fax: (508) 398-3063	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): not applicable

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

List Local or Federal Permits and Approvals: Dennis OOC issued 7/2/04, OKH certificate issued 11/10/04 (No other permits required)

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- Land
- Water
- Energy
- ACEC

- Rare Species
- Wastewater
- Air
- Regulations

- Wetlands, Waterways, & Tidelands
- Transportation
- Solid & Hazardous Waste
- 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 type="checkbox"/> Chapter 91 License <input 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: OKH Certificate _____ _____ _____ _____ _____ _____
Total site acreage	20,000 s.f.			
New acres of land altered		0 s.f.		
Acres of impervious area	2,713 s.f.	0 s.f.	2,713 s.f.	
Square feet of new bordering vegetated wetlands alteration		0 s.f.		
Square feet of new other wetland alteration		40 s.f. of C. Beach 3,285 s.f. + 1,725 s.f. of C. Bank		
Acres of new non-water dependent use of tidelands or waterways		0 s.f.		
STRUCTURES				
Gross square footage	N/A			
Number of housing units				
Maximum height (in feet)				
TRANSPORTATION				
Vehicle trips per day	N/A			
Parking spaces				
WASTEWATER				
Gallons/day (GPD) of water use	N/A			
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.*)

Project site: The site contains a single-family dwelling that is located 68 ft. from the top of an armored Coastal Bank, a portion of which is eroding. Only the lower third of the Bank (elevations 12 to 6) is armored. The remnants of the existing stairway, located on the Coastal Bank along the western property line, is dilapidated and unsafe for use. The Coastal Bank abutting the applicant's property is also armored, but is not connected to the armored portion of the Bank that is located on the applicant's property. This unarmored portion of the Bank is where the remnants of the existing stairway is located. Consequently, severe erosion of the Bank is occurring beneath the stairway. Erosion is also occurring at the top of the Coastal Bank in the vicinity of the stairway. The objective of the project is to relocate the stairway to continue to provide the applicant with access to the beach and to resolve the erosion of the existing Coastal Bank by removing the existing stairway remnants, connect the two armored sections of the Bank, and to regrade the Bank and top of the Bank and stabilize these areas with plantings. The applicant owns to the centerline of the easement containing the dilapidated stairs and has been granted permission from the abutter to conduct the proposed work.

Project alternatives: There is no off-site alternative because the erosion problem is located on the subject site.

No-build alternative - The no-build alternative would result in no access to the beach portion of the applicant's property and would allow increased erosion of the armored Coastal Bank. Under the no-build option, the armored portion of the Bank located adjacent to the erosion site will become undermined and will further reduce the stability of the Bank. The erosion occurring at the top of the Bank will expedite this process.

Proposed alternative - The proposed alternative mitigates the erosion problem on the site and provides the applicant with continued access to the beach. The stairway will be relocated to the other end of the property where the bank is stabilized. Stabilization of the eroding portion of the Bank will consist of removing the stairway and connecting the armored portions of the Bank located on the properties of the applicant and the abutter. In addition, the erosion at the top of the Bank will be mitigated by regrading the path to the former stairway and planting it with *Prunus maritima* and *Myrica pensylvanica*. Slumping of the Bank above the area proposed for armoring will be mitigated by regrading the Bank, between the proposed armoring and top of the Bank, and planting the Bank with *Ammophila breviligulata*. (refer to attached 'Specifications for vegetative stabilization of a Coastal Bank at 48 Hiram Pond Road, Dennis (5/4/04)'. Additional mitigation measures include: seasonal removal of the bottom section of the stairs, use of non-CCA lumber for stairway materials, and stairway height designed to allow adequate light penetration for vegetational growth.

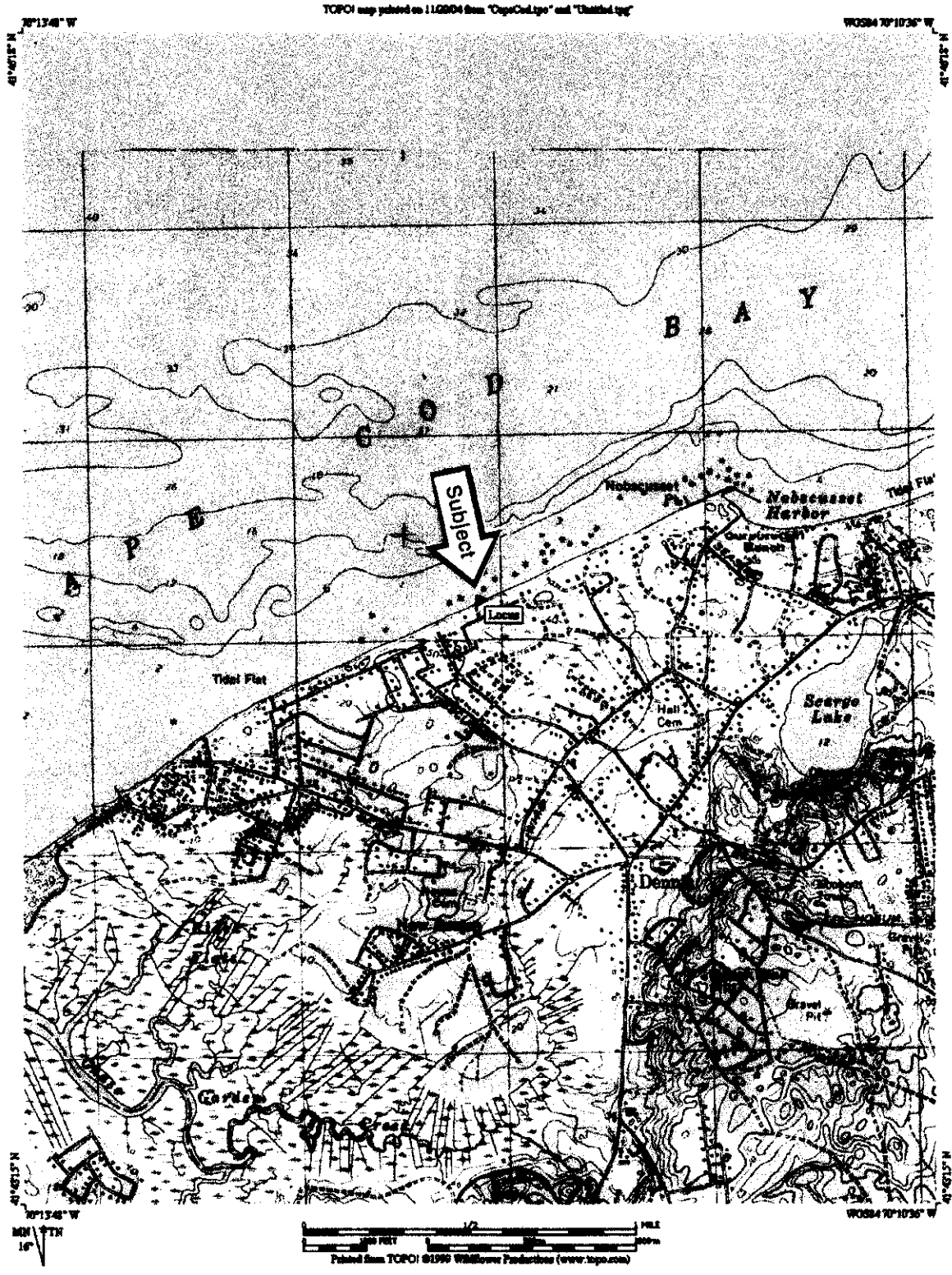


Figure 1. Site locus for 48 Hiram Pond Rd. (Diane Schulhoff ENF).