

ENF Environmental Notification Form

For Office Use Only
Executive Office of Environmental Affairs
 EOE No.: *14318*
 MEPA Analyst: *Anne Canada*
 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:		
Street: Tuckernuck Assessor's Map 94 Parcel 24		
Municipality: Nantucket	Watershed: Islands	
Universal Transverse Mercator Coordinates: Zone 19 - 15001898m north 1295586m east	Latitude: 41-17-52 N	Longitude: 070-15-19W
Estimated commencement date: 11/01/2008	Estimated completion date: 3/01/2009	
Approximate cost: \$750,000	Status of project design: 80	%complete
Proponent: Bennett Engineering, Inc.		
Street: PO Box 297		
Municipality: Sagamore Beach	State: MA	Zip Code: 02562
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Timothy Bennett		
Firm/Agency: Bennett Engineering, Inc.	Street: PO BOX 297	
Municipality: Sagamore Beach	State: MA	Zip Code: 02562
Phone: 508-228-0068	Fax: 508-888-4867	E-mail: tbennett@bennettengsurv.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): **None**

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify **Natural Heritage and Endangered Species Program**) No

List Local or Federal Permits and Approvals: **MESA Project Review – ongoing, Nantucket Historic District Commission, Certificate of Appropriateness – granted, Nantucket Board of Health, Well installation Permit – granted. No other approvals have been applied for at this date, however it is anticipated that the following will be required: Local (Nantucket) Building Permit Application, Application for Disposal Works Construction (Septic System)**

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

- | | | |
|---------------------------------|---|--|
| <input type="checkbox"/> Land | <input checked="" type="checkbox"/> Rare Species | <input 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 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 <i>(including Legislative Approvals) – Specify:</i> * parking will be on unpaved, dirt or lawn ** On-site sewage disposal system in conformance with Title 5
Total site acreage	6.33			
New acres of land altered		0.482		
Acres of impervious area	0	0.042	0.042	
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	0	2460	2460	
Number of housing units	0	1	1	
Maximum height (in feet)	0	25'	25'	
TRANSPORTATION				
Vehicle trips per day	0	2	2	
Parking spaces	0	2*	2	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	0	660	660	
GPD water withdrawal	0	660	660	
GPD wastewater generation/ treatment	0	660**	660	

Length of water/sewer mains (in miles)	n/a			
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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 **Estimated Habitat EH 821, Priority Habitat PH 1232**) 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 **Tuckernuck Humane Society Lifesaving Station NAN. 3009**) 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.)

The existing project site is a vacant 6.33 acre parcel on the island of Tuckernuck approximately 1 mile off of the west end of Nantucket. It is vegetated with low growing scrub and is accessed by a rutted sand/dirt trail.

The applicant proposes to construct a 2-story, single family dwelling with a footprint area of 1196 square feet. This dwelling is to be a replica of a structure known as the Dunham Farmhouse, built in 1850, and destroyed by fire in 1917. Architectural plans have been developed from photographs of the structure.

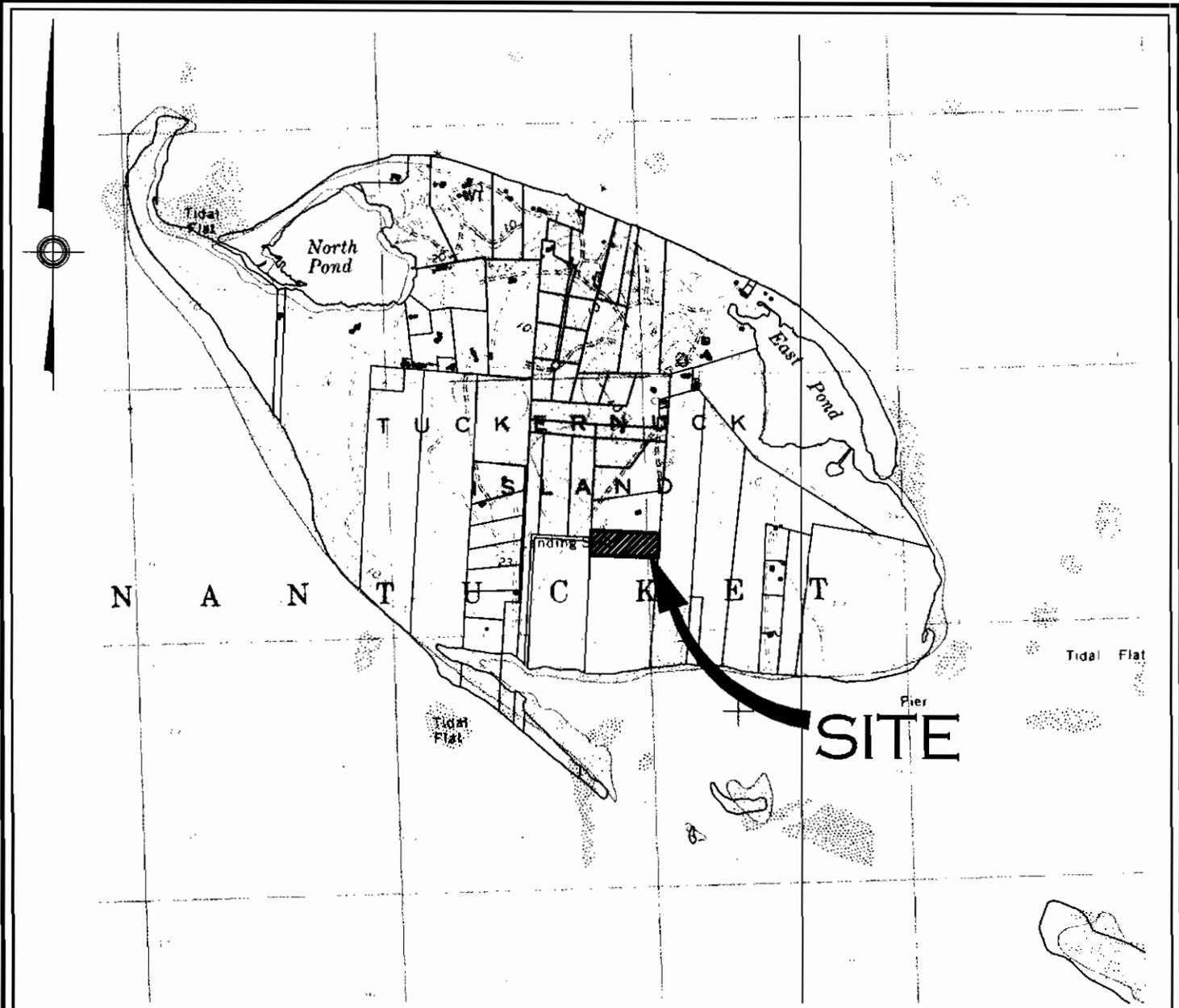
The applicant also proposes to move an existing 640 square foot structure, the Tuckernuck Humane Society Lifesaving Station, known as "The Humane House" to the site. The Humane House formerly stood on the shoreline to the southeast of the proposed site, and was moved away from the eroding shoreline to prevent its being washed away. It will be utilized as a shed/garage and is shown as a Proposed Barn on the Site Plan.

An on-site sewage disposal system and a private on-site drinking water well will be constructed to serve the dwelling and barn. The total area to be cleared of natural vegetation will be approximately 21,000 square feet or 7.3% of the parcel.

Proposed on-site mitigation measures include the dedication of the remaining uncleared area of the lot, 5.85 Acres, to be subject to a Conservation restriction easement for the benefit of the Nature Conservancy, and subject to perpetual habitat management compatible with state-listed rare species. Also, several locations and layouts for the proposed building site have been analyzed and have been reviewed by NHESP. The proposed site plan presents a much-reduced area of clearing

from the initial proposal, and is confined to the very northeast corner of the property. The applicant reserves the right to move the structures to the other end of the property should significant erosion of the shoreline occur and endanger them, subject to review and approval by NHESP.

Proposed off-site mitigation measures include the funding of state listed species conservation efforts on the island of Tuckernuck.



Data Sources:

1. USGS Quad Map "Tuckernuck Island", image from MassGIS.
2. Assessors Parcel lines from Town of Nantucket GIS Dept.

USGS LOCUS PLAN
 WITH ASSESSORS PARCELS
 FOR
 ASSESSORS MAP 94 PARCEL 24
 TUCKERNUCK ISLAND
 NANTUCKET, MASS.

SCALE: 1"=2000' DATE: 12/21/2007

BENNETT ENGINEERING
 LAND SURVEYING, ENGINEERING, & DEVELOPMENT SERVICES

PLAN REF: 6D OF JAN 20, 1996
 DEED REF: BOOK 401 PAGE 62
 JOB NO: 1141

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