

For Office Use Only
Executive Office of Environmental Affairs

EOEA No.: *14053*
 MEPA Analyst: *ANNE CANADAY*
 Phone: 617-626-*1635*

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: <i>Sandy Neck Beach Facility</i>		
Street: <i>Sandy Neck Road</i>		
Municipality: <i>Barnstable</i>	Watershed: <i>Cape Cod</i>	
Universal Transverse Mercator Coordinates: <i>X = 385246.35; Y = 4621829.51; Zone 19; N. Hem.</i>	Latitude: <i>41° 44' 19.58" N</i>	Longitude: <i>70° 22' 51.04" W</i>
Estimated commencement date: <i>11/01/07</i>	Estimated completion date: <i>6/29/08</i>	
Approximate cost: <i>\$2,380,000*</i>	Status of project design: <i>30</i> %complete	
Proponent: <i>Town of Barnstable</i>		
Street: <i>367 Main Street</i>		
Municipality: <i>Barnstable</i>	State: <i>MA</i>	Zip Code: <i>02601</i>
Name of Contact Person From Whom Copies of this ENF May Be Obtained: <i>Mark Nelson</i>		
Firm/Agency: <i>Horsley Witten Group</i>	Street: <i>90 Route 6A</i>	
Municipality: <i>Sandwich</i>	State: <i>MA</i>	Zip Code: <i>02563</i>
Phone: <i>508-833-6600</i>	Fax: <i>508-833-3150</i>	E-mail: <i>mnelson@cape.com</i>

**Estimated cost figure does not include the proposed Coastal Interpretive Center*

- 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): *None*

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

List Local or Federal Permits and Approvals:

MA Natural Heritage and Endangered Species Program (NHESP)
Massachusetts Department of Environmental Protection (DEP)
Barnstable Conservation Commission
Barnstable Planning Board

MESA Project Review
Order of Conditions
Order of Conditions
Site Plan Review

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 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 checked="" type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input checked="" 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 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>
Total site acreage	1,190 ac			
New acres of land altered		4.0 ac		
Acres of impervious area	2.1 ac	2.3 ac	4.4 ac	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		174,240 sf		
Acres of new non-water dependent use of tidelands or waterways		0		
STRUCTURES				
Gross square footage	1,872 sf	6,853 sf	8,725 sf	
Number of housing units	0	0	0	
Maximum height (in feet)	24 ft	0 ft	24 ft	
TRANSPORTATION				
Vehicle trips per day	167 trips/day	135 trips/day	302 trips/day	
Parking spaces	200 spaces	215 spaces	415 spaces	
WATER/WASTEWATER				
Gallons/day (GPD) of water use	1,650 gpd	3,039 gpd	4,689 gpd	
GPD water withdrawal	1,650 gpd	3,039 gpd	4,689 gpd	
GPD wastewater generation/treatment	4,800 gpd	-116 gpd	4,684 gpd	
Length of water/sewer mains* (in miles)	W: 0.033 mi. S: 0.010 mi.	W: 0.040 mi. S: 0.037 mi.	W: 0.073 mi. S: 0.047 mi.	

*Service connection from well to building

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 Within Estimated Habitat 1232 and Priority Habitat 821) 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 Within Sandy Neck Cultural Resources District (State Register of Historic Places)) 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 Sandy Neck/Barnstable Harbor ACEC) 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 Sandy Neck Beach facility is located in the northwest corner of the 1,190-acre Sandy Neck conservation and recreation area, which is owned by the Town of Barnstable. Existing development on Sandy Neck includes a paved access road, an approximately 500 square foot one-story gate house, an approximately 1,900-square-foot bathhouse/concession building, two paved parking lots, and a network of sandy trails that traverse the property. Migration of the primary dune system on Sandy Neck has caused portions of the larger parking lot to erode, resulting in a reduction in vehicle capacity from 175 to 150 cars. The second, smaller parking lot can hold approximately 50 cars.

The entire Sandy Neck site includes a six-mile coastal barrier beach that varies in width from 200 yards to one-half mile. In addition, nearly all of the Sandy Neck property is considered a resource area with respect to the Massachusetts Wetlands Protection Act (M.G.L. Chapter 131 § 40). The wetland resource areas located within the four-acre area of impact, include barrier beach and coastal dune, as well as the 100-foot buffer zone to locally-regulated freshwater wetlands. The entire site is designated by the Massachusetts Natural Heritage and Endangered Species Program (NHESP) as *Priority Habitat of Rare Species* and *Estimated Habitat of Rare Wildlife*. Additionally, all of Sandy Neck has been designated by the Secretary of Environmental Affairs as an Area of Critical Environmental Concern (ACEC).

The Town of Barnstable proposes to enhance the public beach facility through demolition of the existing dilapidated bathhouse/concession building, construction of a new bathhouse/concession, construction of a new Coastal Interpretive Center, and an expansion and redesign of existing parking facilities. These project elements, which are proposed in two phases, are discussed in greater detail in the attached Project Narrative. Through the use of enhanced stormwater and wastewater treatment technologies, the proposed project is expected to have a net benefit over existing conditions to the water quality of the receiving waterbodies, including subsurface waters, Cape Cod Bay, and adjacent wetlands. To the extent practicable, new development is proposed within the existing developed areas; however, the project will result in unavoidable impacts to coastal dune and potential habitat for rare species. Where new parking areas are necessary, spaces will be located in an attempt to avoid future erosion of the coastal dune. Onsite mitigation to avoid disturbance of rare species during construction will include the use of silt fencing and day- and night-time site monitoring for rare species.

The No Build and one or more Build alternatives have been evaluated for each component of the proposed Sandy Neck Beach Facility Enhancement Project. Criteria used to screen the alternatives included the ability to meet the recreational needs of the public while avoiding environmental impacts. The preferred alternative for each project component responds to the recreational policies and strategies of the Town of Barnstable Local Comprehensive Plan, the requirements of the Massachusetts Wetlands Protection Act, and Chapter 237, Wetlands Protection, of the General Ordinances of the Code of the Town of Barnstable. Additional information on the alternatives is presented in the attached Project Narrative.