Town of Barnstable Open Space and Recreation Plan 2010

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- State Approved Zone II
- Zone I (400' buffer around well)
- Mass GIS / DEP Wetlands
- Towns
- Coast
- Interstate
- U.S. Highway
- State Route
- ----- Non-numbered route
- ----- Railroad
- ----- Ferry Routes
- S Water

TOWN OF BARNSTABLE MASSACHUSETTS

Open Space & Recreation Plan 2010 Update

Regional Context Figure 1



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Town Designated Zone of Contribution

Groundwater Protection Overlay District

Temporary Recreational Shellfish Area & Shellfish Relay Overlay District



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Source Source		Source: soils data obtained from MassGIS in 2001. The
oils Key		data is based on the United States Department of
	AmA - Amostown sandy loam	Agriculture & National Cooperative Soil Survey soil survey
	BaB - Barnstable sandy loam	of Barnstable County, Massachusetts, conducted in 1983. Information and explanations about the soil data displayed
	BaC - Barnstable sandy loam	on this map may be found in the USDA Soil Conservation
	BcC - Barnstable-Plymouth complex	Service publication: Soil Survey of Barnstable County, Massachusetts, 1993.
	BdB - Barnstable-Plymouth complex	,
	BdC - Barnstable-Plymouth complex	
	BfC - Barnstable-Plymouth-Nantucket complex	
	BgC - Barnstable-Plymouth-Nantucket complex	
	BlB - Belgrade silt loam	
	BmA - Berryland mucky loamy coarse sand	
	BoA - Boxford silt loam	
	BoB - Boxford silt loam	
	CcA - Carver loamy coarse sand	
=	CcB - Carver loamy coarse sand	
=	CdA - Carver coarse sand	
-	CdB - Carver coarse sand	
	CdC - Carver coarse sand	
-	CdD - Carver coarse sand	
_	CoB - Carver-Hinesburg loamy coarse sands	
	CoC - Carver-Hinesburg loamy coarse sands	
_	DeA - Deerfield loamy fine sand	
-	EaA - Eastchop loamy fine sand	
	EaB - Eastchop loamy fine sand	
=	EaC - Eastchop loamy fine sand	
=	EnA - Enfield silt loam	
-	EnB - Enfield silt loam	
=	EnC - Enfield silt loam	
	FmA - Freetown mucky peat	
	FsA - Freetown & Swansea mucks	
	FtA - Freetown coarse sand	
	HeA - Hinckley sandy loam	
	HeB - Hinckley sandy loam	 Fire District / Village Lines
	HkC - Hinckley gravelly sandy loam	
	HkD - Hinckley gravelly sandy loam	—— Major Roads
	HnA - Hinesburg sandy loam	5
	HnB - Hinesburg sandy loam	Town Boundary
	HnC - Hinesburg sandy loam	
	HoC - Hooksan sand	
	noo noonaan bana	Water Bodies
	HoD - Hooksan sand	Water Bodies
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Geology Key af - Artificial Fill Locally derived sand, gravel, and boulders. cb - Cranberry Bog Freshwater marsh or swamp deposits capped with a top dressing of sand. Qd - Dune Deposits Mostly sand derived from beach deposits, deposited by wind action to form dunes. Qf - Foredune Deposits A ridge of wind deposited sand parallel to the shore. Qbd - Beach & Dune Deposits

Wind deposited sand in isolated dunes and beach deposits of sand, pebbles, and small boulders.

Qb - Beach Deposits

Mostly sand with some gravel and widely scattered boulders, derived from glacial deposits by wave erosion, transported along the shore and deposited above sea level by waves and currents.

Qbs - Storm Beach Deposits

Sand to small boulders in the bottom of storm sluices and as overwash fans. The sluice on the east end of Sandy Neck was probaly cut by a major northeast storm.

Qls - Lakeshore Deposits

Formed along the shores of ponds and lakes, consists of beaches of well sorted sand and gravel with lag deposits of cobble from the wave winnowing of glacial deposits.

Qs - Marsh & Swamp Deposits

Mostly decaying marine marsh plants mixed varying amounts of sand, silt, and clay. Underlain by glacial, marine, or freshwater deposits, capped by live marine marsh plants.

Qvf - Valley Floor Deposits

Sediments deposited in the floors of valleys (furrows) cut into the outwash plains.

Qld - Delta Deposits

Gravelly sand and pebble with some silt and clay. Deposits were the result of a river system emptying into a proglacial lake which occupied the current area of Cape Cod Bay.

Ql2 - Glacial Lake Deposits

Deposits associated with the proglacial lake in Cape Cod Bay. Mostly a discontinuous veneer of clay and silt over icecontact deposits composed of gravelly sand, gravel, till, and large boulders.

Qhw - Harwich Outwash Plain Deposits

Mostly gravelly sand, north of the Sandwich moraine icecontact deposits of the outwash plain include till, silt, clay, and large boulders.

Qsm - Sandwich Moraine Deposits

A veneer of sandy to silty till from 3 - 25 ft. thick underlain by stratified sand and gravel.

Qmp - Mashpee Pitted-Plain Deposits

Mostly gravely sand with some pebble and small boulders

Qbo - Barnstable Outwash Plain Deposits

Mostly gravelly sand with some pebble and small boulders. North part of the deposits include some till, clayey silt, and large boulders. Some areas may be underlain by silt and clay.

Qk - Kame Deposits

Mostly gravelly sand with some pebble and small boulder gravel, includes some scattered boulders.

Source: Geologic data was digitized from 1:24,000 scale 1974 & 1975 USGS Geologic Quadrangle Maps of Hyannis, Cotuit, & Sandwich.

- - Fire District / Village Lines
- Major Roads
- Town Boundary
- Water Bodies

TOWN OF BARNSTABLE MASSACHUSETTS

Open Space & Recreation Plan 2010 Update





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Scenic Areas ACEC Sandy Neck and the Great Marsh National Register Historic Districts Old Kings Highway Historic District (Rt. 6A) (parking area for fishing, ORV, vistas) 1. Maraspin Creek Sandy Neck Cultural Resources District 2. Harbor Point & Indian Trail RD Mill Way Historic District 3. Hallets Mill Pond 4. Cranberry bogs Hyannis Road Historic District 5. Fullers Marsh and Pinquickset Cove West Barnstable Village Historic District 6. Sampsons Island & Dead Neck Barrier (Meetinghouse Way) Beach Santuit Historic District 7. Centerville Harbor 7a Dowses Cotuit Historic District (Main Street) 7b Long Beach Wianno Historic District 7c Craigville Beach 7d Covell's Beach Centerville Historic District (Main Street) 8. Hyannis Harbor Craigville Historic District 8a Hyannis Port 8b Eugenia Fortes Beach Hyannis Port Historic District 8c Keys Beach 8d Kalmus Beach Municipal Group Historic District 9. Veterans Memorial Park Pleasant - School Street Historic District 10. Pine ST and Parker RD 10a Farmstead and Cranberry bogs Yarmouth Campground Historic District 11. Mills River and Prince Cove Area National Historic Landmarks Kennedy Compound 12. Rushy Marsh Pond National Historic Landmark 12a Loops Beach Local Historic Districts 12b Oregon Beach Old Kings Highway Historic District 16. Scudder Lane 17. Bridge Creek Hyannis Main Street Waterfront Historic District 27. Little River RD Environmental 28. Cordwood RD Area of Critical Environmental Concern 29. Old Shore RD ACEC Source: Mass GIS 2-28-2003 30. Oyster Place Town Cemetery 🔹 Scenic Vistas 13. from Mid Cape Highway at Shoot Fire District / Village Lines Flying Hill looking over Lake Wequaquet Scenic Roads to Centerville Harbor and overlook to Major Roads Barnstable Harbor Town Boundary 14. from Craigville Center to Centerville Water Bodies River over wetlands (including Centerville River Bridge 14a **TOWN OF** and Bumps River Bridge 14b) 15. Sunset Hill overlook to Squaw Island **BARNSTABLE** and Hyannis Port Golf Course and Centerville Harbor **MASSACHUSETTS** 18. Cape Cod Airfield/Danforth Property (open field viewing) **Open Space and Recreation Plan** 19. Mystic Lake (small way to water, 2010 Update vista) and then Little Pond (vista) all along Race Lane **Unique Features** 20. Lumbert Pond along Mill RD. 21. Audubon area @ Bone Hill RD. & Figure 5 Harbor Point RD (for birdwatching) 22. Bridge Creek Conservation Area (for birdwatching/benches for sitting) 23. Washington Ave & Hyannis Avenue (Hyannis Harbor view, popular with tour buses) 24. End of Sea View Avenue (vistas of end of Dead Neck to West & Eel River to East) 25. End of Wianno Avenue (parking, 0 0.25 0.5 vista of Nantucket Sound) unique_features.mxd 7-13-10 cse 26. Bridge ST (vistas into North Bay & TOWN OF BARNSTABLE West Bay on either side) **GEOGRAPHIC INFORMATION** 31. Bay LN (see all of Bumps River into SYSTEMS UNIT Scudder Bay)









- Zone AH Flood depths of 1 to 3 feet (usually areas of ponding); Base

foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

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GEOGRAPHIC INFORMATION









* NHESP Certified Vernal Pools Shellfish Relay Areas \sim Anadromous Fish Runs Shellfish Suitability Areas American Oyster Bay Scallop Blue Mussel European Oyster NXV Ocean Quahog Quahog XX Razor Clam Sea Scallop Soft-shelled Clam Surf Clam

Shellfish Habitat Ratings*

- Not Rated Ratings 1-5
- Ratings 6-10
- Major Roads
- Town Boundary
- Water Bodies

TOWN OF BARNSTABLE **MASSACHUSETTS**

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Fisheries & Vernal Pools Figure 8











GEOGRAPHIC INFORMATION



- Sea Street Connection to Kalmus Beach



Town Owned Ways to Water by Access Type Beach Boat Ramp Boat Ramp / Dock Bulkhead Dock Landing Marina • Way To Water Major Roads Town Boundary Water Bodies **TOWN OF** BARNSTABLE MASSACHUSETTS Open Space and Recreation Plan 2010 Update Town Owned Ways To Water Figure 11 0 0.25 0.5 1 1.5 ways2water.mxd 6-1-10 cse

