

APPENDIX 1
Areas of Critical Environmental Concern (ACEC) in Massachusetts

If the project is proposed in one of the communities listed in the following pages, the project may be located in an Area of Critical Environmental Concern (ACEC). Please refer to the Massachusetts Department of Conservation and Recreation (DCR) website at <http://www.mass.gov/eea/agencies/dcr/conservation/acec/> for more information and the most current listing of ACECs.

To confirm whether the project is located in an ACEC, contact the community's conservation commission **OR** the Massachusetts Department of Conservation and Recreation ACEC program:

Director of Ecology & ACEC Programs
Department of Conservation & Recreation
251 Causeway St
Boston, MA 02114

Current Director: Nancy Putnam
E: nancy.putnam@state.ma.us
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MASSACHUSETTS AREAS OF CRITICAL ENVIRONMENTAL CONCERN – November 2010

Total Approximate Acreage: 268,000 acres

Bourne Back River

(1,850 acres, 1989) Bourne

Canoe River Aquifer and Associated Areas (17,200 acres, 1991) Easton, Foxborough, Mansfield, Norton, Sharon, and Taunton

Cedar Swamp

(1,650 acres, 1975) Hopkinton and Westborough

Central Nashua River Valley

(12,900 acres, 1996) Bolton, Harvard, Lancaster, and Leominster

Cranberry Brook Watershed

(1,050 acres, 1983) Braintree and Holbrook

Ellisville Harbor

(600 acres, 1980) Plymouth

Fowl Meadow and Ponkapoag Bog

(8,350 acres, 1992) Boston, Canton, Dedham, Milton, Norwood, Randolph, Sharon, and Westwood

Golden Hills

(500 acres, 1987) Melrose, Saugus, and Wakefield

Great Marsh (originally designated as Parker River/Essex Bay)

(25,500 acres, 1979) Essex, Gloucester, Ipswich, Newbury, and Rowley

Herring River Watershed

(4,450 acres, 1991) Bourne and Plymouth

Hinsdale Flats Watershed

(14,500 acres, 1992) Dalton, Hinsdale, Peru, and Washington

Hockomock Swamp

(16,950 acres, 1990) Bridgewater, Easton, Norton, Raynham, Taunton, and West Bridgewater

Inner Cape Cod Bay

(2,600 acres, 1985) Brewster, Eastham, and Orleans

Kampoosa Bog Drainage Basin

(1,350 acres, 1995) Lee and Stockbridge

Karner Brook Watershed

(7,000 acres, 1992) Egremont and Mount Washington

Miscoe, Warren, and Whitehall Watersheds

(8,700 acres, 2000) Grafton, Hopkinton, and Upton

Neponset River Estuary

(1,300 acres, 1995) Boston, Milton, and Quincy

Petapawag

(25,680 acres, 2002) Ayer, Dunstable, Groton, Pepperell, and Tyngsborough

Pleasant Bay

(9,240 acres, 1987) Brewster, Chatham, Harwich, and Orleans

Pocasset River

(160 acres, 1980) Bourne

Runney Marshes

(2,800 acres, 1988) Boston, Lynn, Revere, Saugus, and Winthrop

Sandy Neck Barrier Beach System

(9,130 acres, 1978) Barnstable and Sandwich

Schenob Brook Drainage Basin

(13,750 acres, 1990) Mount Washington and Sheffield

Squannassit

(37,420 acres, 2002) Ashby, Ayer, Groton, Harvard, Lancaster, Lunenburg, Pepperell, Shirley, and Townsend

Three Mile River Watershed

(14,280 acres, 2008) Dighton, Norton, Taunton

Upper Housatonic River

(12,280 acres, 2009) Lee, Lenox, Pittsfield, Washington

Waquoit Bay

(2,580 acres, 1979) Falmouth and Mashpee

Weir River

(950 acres, 1986) Cohasset, Hingham, and Hull

Wellfleet Harbor

(12,480 acres, 1989) Eastham, Truro, and Wellfleet

Weymouth Back River

(800 acres, 1982) Hingham and Weymouth

ACEC acreages above are based on MassGIS calculations and may differ from numbers originally presented in designation documents and other ACEC publications due to improvements in accuracy of GIS data and boundary clarifications. Listed acreages have been rounded to the nearest 50 or 10 depending on whether boundary clarification has occurred. For more information please see, <http://www.mass.gov/dcr/stewardship/acec/aboutMaps.htm> .

Towns with ACECs within their Boundaries

November 2010

TOWN	ACEC	TOWN	ACEC
Ashby	Squannassit	Mt. Washington	Karner Brook Watershed
Ayer	Squannassit		Schenob Brook
Barnstable	Sandy Neck Barrier Beach System	Newbury	Great Marsh
Bolton	Central Nashua River Valley	Norton	Hockomock Swamp
Boston	Marshes		Canoe River Aquifer
	Fowl Meadow and Ponkapoag Bog	Norwood	Three Mile River Watershed
	Neponset River Estuary		Fowl Meadow and Ponkapoag Bog
Bourne	Pocasset River	Orleans	Inner Cape Cod Bay
	Bourne Back River		Pleasant Bay
Braintree	Herring River Watershed	Pepperell	Petapawag
	Cranberry Brook Watershed	Peru	Squannassit
Brewster	Pleasant Bay		Hinsdale Flats Watershed
	Inner Cape Cod Bay	Pittsfield	Upper Housatonic River
Bridgewater	Hockomock Swamp	Plymouth	Herring River Watershed
Canton	Fowl Meadow and Ponkapoag Bog		Ellisville Harbor
Chatham	Pleasant Bay	Quincy	Neponset River Estuary
Cohasset	Weir River	Randolph	Fowl Meadow and Ponkapoag Bog
Dalton	Hinsdale Flats Watershed	Raynham	Hockomock Swamp
Dedham	Fowl Meadow and Ponkapoag Bog	Revere	Rumney Marshes
Dighton	Three Mile River Watershed	Rowley	Great Marsh
Dunstable	Petapawag	Sandwich	Sandy Neck Barrier Beach System
Eastham	Inner Cape Cod Bay	Saugus	Rumney Marshes
	Wellfleet Harbor		Golden Hills
Easton	Canoe River Aquifer	Sharon	Canoe River Aquifer
	Hockomock Swamp		Fowl Meadow and Ponkapoag Bog
Egremont	Karner Brook Watershed	Sheffield	Schenob Brook
Essex	Great Marsh	Shirley	Squannassit
Falmouth	Waquoit Bay	Stockbridge	Kampoosa Bog Drainage Basin
Foxborough	Canoe River Aquifer	Taunton	Hockomock Swamp
Gloucester	Great Marsh		Canoe River Aquifer
Grafton	Miscoe-Warren-Whitehall Watersheds	Truro	Three Mile River Watershed
	Petapawag	Townsend	Wellfleet Harbor
Groton	Squannassit	Tyngsborough	Squannassit
	Central Nashua River Valley	Upton	Petapawag
Harvard	Squannassit		Miscoe-Warren-Whitehall Watersheds
	Pleasant Bay	Wakefield	Golden Hills
Harwich	Weir River	Washington	Hinsdale Flats Watershed
Hingham	Weymouth Back River		Upper Housatonic River
	Hinsdale Flats Watershed	Wellfleet	Wellfleet Harbor
	Cranberry Brook Watershed	W Bridgewater	Hockomock Swamp
Hinsdale	Miscoe-Warren-Whitehall Watersheds	Westborough	Cedar Swamp
Holbrook	Watersheds	Westwood	Fowl Meadow and Ponkapoag Bog
Hopkinton	Cedar Swamp	Weymouth	Weymouth Back River
		Winthrop	Rumney Marshes
Hull	Weir River		
Ipswich	Great Marsh		
Lancaster	Central Nashua River Valley		
	Squannassit		
Lee	Kampoosa Bog Drainage Basin		
	Upper Housatonic River		
Lenox	Upper Housatonic River		
Leominster	Central Nashua River Valley		
Lunenburg	Squannassit		
Lynn	Rumney Marshes		
Mansfield	Canoe River Aquifer		
Mashpee	Waquoit Bay		
Melrose	Golden Hills		
Milton	Fowl Meadow and Ponkapoag Bog		
	Neponset River Estuary		