



Areas of Critical Environmental Concern

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**MASSACHUSETTS AREAS OF  
CRITICAL ENVIRONMENTAL CONCERN  
March 2007**

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**Total Approximate Acreage: 240,900 acres**

Approximate acreage and designation date follow ACEC names below.

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- 1. Bourne Back River**  
(1,850 acres, 1989) Bourne
- 2. Canoe River Aquifer and Associated Areas**  
(17,200 acres, 1991) Easton, Foxborough, Mansfield, Norton, Sharon, and Taunton
- 3. Cedar Swamp**  
(1,650 acres, 1975) Hopkinton and Westborough
- 4. Central Nashua River Valley**  
(12,900 acres, 1996) Bolton, Harvard, Lancaster, and Leominster
- 5. Cranberry Brook Watershed**  
(1,050 acres, 1983) Braintree and Holbrook
- 6. Ellisville Harbor**  
(600 acres, 1980) Plymouth
- 7. Fowl Meadow and Ponkapoag Bog**  
(8,350 acres, 1992) Boston, Canton, Dedham, Milton, Norwood, Randolph, Sharon, and Westwood
- 8. Golden Hills**  
(500 acres, 1987) Melrose, Saugus, and Wakefield
- 9. Great Marsh (originally designated as Parker River/Essex Bay)**  
(25,500 acres, 1979) Essex, Gloucester, Ipswich, Newbury, and Rowley
- 10. Herring River Watershed**  
(4,450 acres, 1991) Bourne and Plymouth
- 11. Hinsdale Flats Watershed**  
(14,500 acres, 1992) Dalton, Hinsdale, Peru, and Washington
- 12. Hockomock Swamp**  
(16,950 acres, 1990) Bridgewater, Easton, Norton, Raynham, Taunton, and West Bridgewater
- 13. Inner Cape Cod Bay**  
(2,600 acres, 1985) Brewster, Eastham, and Orleans
- 14. Kampoosa Bog Drainage Basin**  
(1,350 acres, 1995) Lee and Stockbridge
- 15. Karner Brook Watershed**  
(7,000 acres, 1992) Egremont and Mount Washington
- 16. Miscoe, Warren, and Whitehall Watersheds**  
(8,700 acres, 2000) Grafton, Hopkinton, and Upton
- 17. Neponset River Estuary**  
(1,300 acres, 1995) Boston, Milton, and Quincy
- 18. Petapawag**  
(25,630 acres, 2002) Ayer, Dunstable, Groton, Pepperell and Tyngsborough
- 19. Pleasant Bay**  
(9,240 acres, 1987) Brewster, Chatham, Harwich, and Orleans
- 20. Pocasset River**  
(160 acres, 1980) Bourne
- 21. Rumney Marshes**  
(2,800 acres, 1988) Boston, Lynn, Revere, Saugus, and Winthrop
- 22. Sandy Neck Barrier Beach System**  
(9,125 acres, 1978) Barnstable and Sandwich
- 23. Schenob Brook Drainage Basin**  
(13,750 acres, 1990) Mount Washington and Sheffield
- 24. Squannassit**  
(37,450 acres, 2002) Ashby, Ayer, Groton, Harvard, Lancaster, Lunenburg, Pepperell, Shirley, and Townsend
- 25. Waquoit Bay**  
(2,575 acres, 1979) Falmouth and Mashpee
- 26. Weir River**  
(950 acres, 1986) Cohasset, Hingham, and Hull
- 27. Wellfleet Harbor**  
(12,480 acres, 1989) Eastham, Truro, and Wellfleet
- 28. Weymouth Back River**  
(950 acres, 1982) Hingham and Weymouth

<b>CITY/TOWN</b>	<b>ACEC</b>
<b>Ashby</b>	Squannassit
<b>Ayer</b>	Petapawag Squannassit
<b>Barnstable</b>	Sandy Neck Barrier Beach System
<b>Bolton</b>	Central Nashua River Valley
<b>Boston</b>	Rumney Marshes Fowl Meadow and Ponkapoag Bog Neponset River Estuary
<b>Bourne</b>	Pocasset River Bourne Back River Herring River Watershed
<b>Braintree</b>	Cranberry Brook Watershed
<b>Brewster</b>	Pleasant Bay Inner Cape Cod Bay
<b>Bridgewater</b>	Hockomock Swamp
<b>Canton</b>	Fowl Meadow and Ponkapoag Bog
<b>Chatham</b>	Pleasant Bay
<b>Cohasset</b>	Weir River
<b>Dalton</b>	Hinsdale Flats Watershed
<b>Dedham</b>	Fowl Meadow and Ponkapoag Bog
<b>Dunstable</b>	Petapawag
<b>Eastham</b>	Inner Cape Cod Bay Wellfleet Harbor
<b>Easton</b>	Canoe River Aquifer Hockomock Swamp
<b>Egremont</b>	Karner Brook Watershed
<b>Essex</b>	Great Marsh
<b>Falmouth</b>	Waquoit Bay
<b>Foxborough</b>	Canoe River Aquifer
<b>Gloucester</b>	Great Marsh
<b>Grafton</b>	Miscoe, Warren, and Whitehall Watersheds
<b>Groton</b>	Petapawag Squannassit
<b>Harvard</b>	Central Nashua River Valley Squannassit
<b>Harwich</b>	Pleasant Bay
<b>Hingham</b>	Weir River Weymouth Back River
<b>Hinsdale</b>	Hinsdale Flats Watershed
<b>Holbrook</b>	Cranberry Brook Watershed
<b>Hopkinton</b>	Miscoe, Warren, and Whitehall Watersheds Cedar Swamp
<b>Hull</b>	Weir River
<b>Ipswich</b>	Great Marsh
<b>Lancaster</b>	Central Nashua River Valley Squannassit
<b>Lee</b>	Kampoosa Bog Drainage Basin

<b>CITY/TOWN</b>	<b>ACEC</b>
<b>Leominster</b>	Central Nashua River Valley
<b>Lunenburg</b>	Squannassit
<b>Lynn</b>	Rumney Marshes
<b>Mansfield</b>	Canoe River Aquifer
<b>Mashpee</b>	Waquoit Bay
<b>Melrose</b>	Golden Hills
<b>Milton</b>	Fowl Meadow and Ponkapoag Bog Neponset River Estuary
<b>Mt Washington</b>	Karner Brook Watershed Schenob Brook Drainage Basin
<b>Newbury</b>	Great Marsh
<b>Norton</b>	Hockomock Swamp Canoe River Aquifer
<b>Norwood</b>	Fowl Meadow and Ponkapoag Bog
<b>Orleans</b>	Inner Cape Cod Bay Pleasant Bay
<b>Pepperell</b>	Petapawag Squannassit
<b>Peru</b>	Hinsdale Flats Watershed
<b>Plymouth</b>	Herring River Watershed Ellisville Harbor
<b>Quincy</b>	Neponset River Estuary
<b>Randolph</b>	Fowl Meadow and Ponkapoag Bog
<b>Raynham</b>	Hockomock Swamp
<b>Revere</b>	Rumney Marshes
<b>Rowley</b>	Great Marsh
<b>Sandwich</b>	Sandy Neck Barrier Beach System
<b>Saugus</b>	Rumney Marshes Golden Hills
<b>Sharon</b>	Canoe River Aquifer Fowl Meadow and Ponkapoag Bog
<b>Sheffield</b>	Schenob Brook Drainage Basin
<b>Shirley</b>	Squannassit
<b>Stockbridge</b>	Kampoosa Bog Drainage Basin
<b>Taunton</b>	Hockomock Swamp Canoe River Aquifer
<b>Truro</b>	Wellfleet Harbor
<b>Townsend</b>	Squannassit
<b>Tyngsborough</b>	Petapawag
<b>Upton</b>	Miscoe, Warren, and Whitehall Watersheds
<b>Wakefield</b>	Golden Hills
<b>Washington</b>	Hinsdale Flats Watershed
<b>Wellfleet</b>	Wellfleet Harbor
<b>W Bridgewater</b>	Hockomock Swamp
<b>Westborough</b>	Cedar Swamp
<b>Westwood</b>	Fowl Meadow and Ponkapoag Bog
<b>Weymouth</b>	Weymouth Back River
<b>Winthrop</b>	Rumney Marshes