

# Coastal Communications

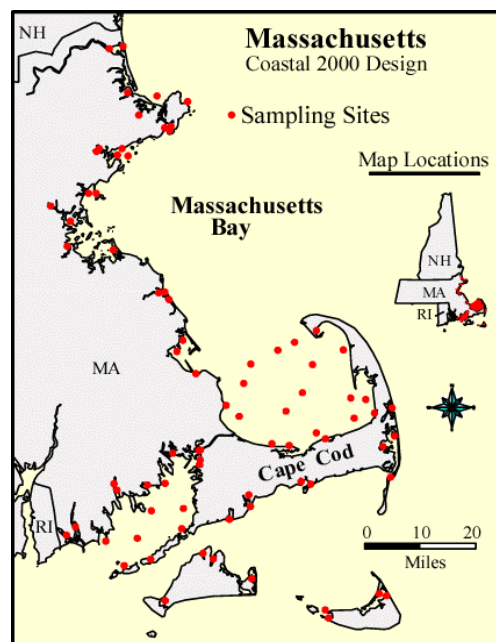


## NATIONAL COASTAL REPORT CARD COASTAL 2000 - MASSACHUSETTS ASSESSMENT ORD/REGION 1/OW/MA CZM



### Background

As part of the U.S. EPA's National Coastal Report Card's (also known as Coastal 2000) multi-year partnership among EPA's Office of Research and Development (ORD), EPA's Office of Water (OW), EPA's Regional Offices, and the coastal states and selected territories, EPA has developed a coastal monitoring program with EPA Region 1, the Massachusetts Office of Coastal Zone Management (CZM), the Massachusetts Department of Fisheries, and the University of Massachusetts. This joint effort will permit, for the first time, a comparison of conditions of coastal resources in Massachusetts with other U.S. coastal states and provide a nation-wide assessment of coastal resources. This effort is being coordinated by the National Health and Environmental Effects Research Laboratory's Atlantic Ecology Division in Narragansett, Rhode Island.



### Coastal 2000 Strategy

Coastal 2000 is a strategic partnership with all coastal states in the country. Each state uses a compatible probabilistic design and a common set of environmental indicators (see Table below) to independently survey its coastal resources and assess their condition. These estimates can then be aggregated to assess conditions at the EPA Regional, biogeographical, and National levels. All data will be made available for public access on the Internet. The map shows the coastal areas included in the survey and the number of sampling sites intended for the Massachusetts coast.

<b>Water Quality</b>	<b>Sediment Quality</b>	<b>Biota</b>
<i>Dissolved oxygen</i>	<i>Grain size</i>	<i>Benthic community structure</i>
<i>Salinity, temperature, depth</i>	<i>Total organic carbon</i>	<i>Fish community structure</i>
<i>pH</i>	<i>Sediment chemistry</i>	<i>Fish external pathology</i>
<i>Nutrients</i>	<i>Benthic community structure</i>	<i>Fish tissue analyses</i>
<i>Chlorophyll</i>	<i>Sediment toxicity</i>	

### Further Information

For further information, please contact Christian Krahforst at the Massachusetts Office of Coastal Zone Management at (617) 626-1216 or [christian.krahforst@state.ma.us](mailto:christian.krahforst@state.ma.us); or Ray Thompson at the New England Regional Laboratory at (781) 860-4372 or [thompson.ray@epa.gov](mailto:thompson.ray@epa.gov); or Jerry Pesch at the National Health and Environmental Effects Laboratory's Atlantic Ecology Division at (401) 782-3007 or [pesch.gerald@epa.gov](mailto:pesch.gerald@epa.gov).