

## BACK RIVER DREDGING

City of Weymouth, MA

Coastal Engineering is providing professional engineering services required for filing permit applications for maintenance dredging of the boat launch ramp channel in Back River, North Weymouth. Permits are being obtained for the following agencies:

- Town of Weymouth Shellfish Advisory Committee
- Town of Weymouth Waterways Advisory Committee
- Town of Weymouth Harbormaster
- Town of Weymouth Conservation Commission - Notice of Intent
- Massachusetts Environmental Policy Act (MEPA)
- Massachusetts Department of Environmental Protection (DEP) and 401 Water Quality Department - Combined Chapter 91 licensing
- Army Corps of Engineers (ACOE)
- Massachusetts Coastal Zone Management (MA CZM)

### SERVICES

- Hydrographic and topographic survey of the proposed maintenance dredge area and preparation of existing conditions plan
- Collection of core sediment samples within the dredge area to determine the grain size distribution of the sediment and compatibility for disposal
- Engineering design of the maintenance dredge footprint, volume calculations, and preparation of a proposed site plan to accompany permit applications
- Environmental permitting

