

CR ENVIRONMENTAL, INC.

Ecological & Oceanographic Consultants, East Falmouth, Massachusetts 02536

Neponset River Dam Surveys

Milton / Hyde Park, Massachusetts

CR Environmental performed detailed bathymetric surveys, sediment surveys and sediment coring behind two dams on the Neponset River to aid The Bioengineering Group, Inc. (TBG) assessment of the potential for dam removal and habitat restoration. Bathymetry was conducted using DGPS and a high-frequency echosounder specifically designed for surveys in very shallow water. Sediment thickness was measured manually throughout each river reach.

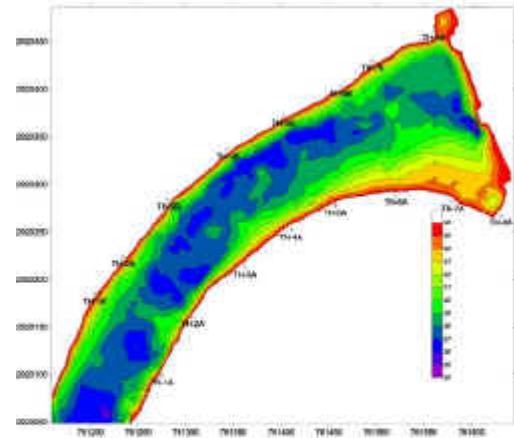
CR compiled a detailed report with CADD/GIS compatible bathymetric and sediment contour maps. These data will help TBG and the Army Corps of Engineers in formulating breach and dredging plans for the impoundments.

Reference:

Leo Roy, Vice President
The Bioengineering Group, Inc.
18 Commercial St.
Salem, MA 01970

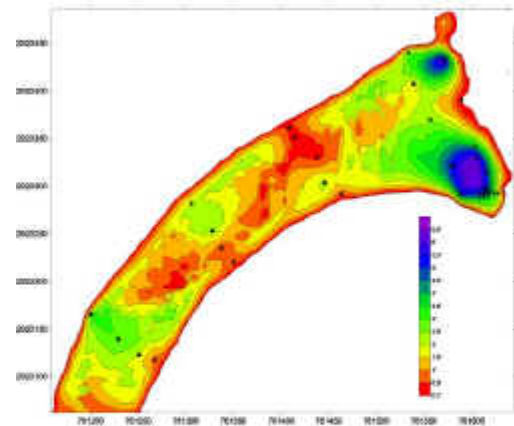
978.740.0096

**BATHYMETRIC MAP OF THE NEPONSET RIVER
ABOVE THE TILESTONE & HOLLINGSWORTH DAM
Milton / Hyde Park, Massachusetts**



CR Environmental, Inc. 439 Duckerry Hill Road East Falmouth, Massachusetts 02536	
Survey Date: August 8, 2005	Horizontal Control: NAD 83, MA State Plane, (feet) Vertical Reference: Spotless WGS 1984 (by FBM)
Scale: 1/8" = 10' feet Contour Interval: 1.0' feet	
<small>Survey conducted by The Bioengineering Group, Inc. of Salem, Massachusetts. Data along the coastline and wetlands shown are considered approximate due to varying landforms with 100% aerial photography data merged from Aerial 1:25,000 scale, 1-meter precision data (1 foot contour) using a standard digital elevation model as an reference provided by Mass. GIS. Not for Navigation.</small>	

**SEDIMENT ISOPACH MAP OF THE NEPONSET RIVER
ABOVE THE TILESTONE & HOLLINGSWORTH DAM
Milton / Hyde Park, Massachusetts**



CR Environmental, Inc. 439 Duckerry Hill Road East Falmouth, Massachusetts 02536	
Survey Date: August 8, 2005	Horizontal Control: NAD 83, MA State Plane, (feet) Vertical Reference: Spotless WGS 1984 (by FBM)
Scale: 1/8" = 10' feet Contour Interval: 0.5' feet	
<small>Survey conducted by The Bioengineering Group, Inc. of Salem, Massachusetts. Data along the coastline and wetlands shown are considered approximate due to varying landforms with 100% aerial photography data merged from Aerial 1:25,000 scale, 1-meter precision data (1 foot contour) using a standard digital elevation model as an reference provided by Mass. GIS. Not for Navigation.</small>	