

CR ENVIRONMENTAL, INC.

Ecological & Oceanographic Consultants, East Falmouth, Massachusetts 02536

Vibracoring Services

New Bedford Harbor, MA

CR Environmental performed vibracoring in New Bedford Harbor in support of Foster Wheeler Environmental Corporation's Total Environmental Restoration Contract (TERC) with the U.S. Army Corps of Engineers (USACE). Sediment cores were collected at 70 locations in the upper, lower, and a portion of the outer harbor to help fill data gaps relative to PCB contamination distribution and help in the remedial design for the cleanup of the harbor. A sub-meter Trimble DGPS and the HYPACK survey software were utilized to position the vessel to within 5 to 10 feet of the designated coordinates.

A Rossfelder P-1 electric vibracorer was utilized to obtain 2 to 4 ft cores in the soft harbor sediments and a mechanical vibracore system was used to obtain cores in the sandier sediments of the outer harbor.

Reference:

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Vibro-coring operations aboard the R/V Cyprinodon.