



Lower Harbor Remediation Dredging

NEW BEDFORD, MASSACHUSETTS

Cashman was awarded a \$21 million contract for mechanical dredging of the New Bedford lower harbor. New Bedford Harbor is located on the west side of Buzzards Bay at the mouth of the Acushnet River, in the communities of New Bedford and Fairhaven.

PROJECT HIGHLIGHTS

- Dredging was performed in depths of up to 30 feet of water and as shallow as 3 feet.
- Sediments placed into the Lower Harbor Confined Aquatic Disposal Cell (LHCC) were dredged using mechanical dredging equipment with a closed environmental bucket.
- Approximately 177,000 cubic yards of dredge materials exceeding the Lower Harbor Superfund cleanup level of 50 ppm was removed and placed in the LHCC. Most of the material underlies the State Channel on the New Bedford side of the Harbor.
- To minimize over-dredging, dredging accuracy is being controlled by using a Cashman-refined and enhanced Dredgepack dredge bucket positioning system (DBPS).
- Cashman developed a precise technical approach that incorporates “lessons learned” from dredging PCB-impacted sediments and from precision dredging using state-of-the-art dredge monitoring & positioning systems.

Location:	New Bedford Lower Harbor, MA
Contractor:	Cashman Dredging & Marine Contracting Company, LLC
Contract Number:	W912WJ-17-C-0009
Contract Dates:	April 2017 – May 2018
Dollar Value:	\$21 Million
Awarding Authority / Owner:	USACE, New England District

