

NEW BEDFORD HARBOR DREDGING AND CAD CELL 2

Cashman constructed the confined aquatic disposal (CAD) cell for the relocation of PCB-contaminated sediments within New Bedford Harbor.

PROJECT INFORMATION

Location:

New Bedford Harbor, MA

Contractor:

Cashman Dredging and Marine
Contracting Co., LLC

Contract Dates:

Aug. 2009 - Oct. 2009

Dollar Value:

\$2.8 Million

OWNER INFORMATION

Awarding Authority / Owner:

City of New Bedford, Harbor
Development Commission

Owner Contact / Details:

John Simpson / 508.961.3000

ENGINEERS / MANAGERS

APEX Companies, LLC





NEW BEDFORD HARBOR DREDGING AND CAD CELL 2

NEW BEDFORD
HARBOR, MA

The New Bedford Harbor CAD (confined aquatic disposal) cells that Cashman constructed were part of the EPA's accelerated Superfund project to clean up PCB contamination of the New Bedford Harbor. The Lower Harbor CAD cell (LHCC) was designed to contain ~300,000 cubic yards of sediments dredged as part of the EPA Superfund cleanup, and this work was done in two phases. A CAD cell was also used as part of the New Bedford Marine Commerce Terminal project (which Cashman completed in 2014). A variety of mechanical dredging equipment was used, including excavator dredges, mechanical clamshells, and a drilling and blasting platform.

PROJECT HIGHLIGHTS

- For CAD cell 2, Cashman dredged ~121,000 cubic yards of material, at a rate of 3,000 cubic yards per day, utilizing the *Captain A.J. Fournier* excavator dredge.
- Cashman constructed the confined aquatic disposal (CAD) cell for the relocation of PCB-contaminated sediments within the Harbor.
- Sediment removed during the construction of the CAD cell was loaded into split-hull dump scows and transported to the authorized Massachusetts Bay Disposal Site.
- Cashman-owned and -operated equipment utilized on the project consisted of the *Captain A.J. Fournier* excavator dredge, tug boats, and three split-hull dump scows including the *Eddie Carroll*, the *Mighty Quinn*, and the *Joe Verrochie*.

