



# Lower Harbor Remediation Dredging

## NEW BEDFORD, MASSACHUSETTS

Cashman was awarded a \$14.9 million contract for mechanical dredging of the New Bedford lower harbor, with an estimated completion during the first half of 2018. 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 is being 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) are being dredged using mechanical dredging equipment with a closed environmental bucket.
- Approximately 130,000 to 170,000 cubic yards of dredge materials exceeding the Lower Harbor Superfund cleanup level of 50 ppm are being 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 (DGPS).
- 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.

<b>Location:</b>	New Bedford Lower Harbor, MA
<b>Contractor:</b>	Cashman Dredging & Marine Contracting
<b>Contract Number:</b>	W912WJ-17-C-0009
<b>Contract Dates:</b>	April 2017 – May 2018
<b>Dollar Value:</b>	\$14.9 Million
<b>Awarding Authority / Owner:</b>	USACE, New England District
<b>Owner Contact / Details:</b>	Robert Garrahan / USACE 978.318.8814

