



# Port Elizabeth / Port Newark Remediation Dredging

## NEWARK, NEW JERSEY

This project involved dredging of ~150,000 cubic yards of heavy metal and petroleum-contaminated fine sediments. Cashman provided mechanical dredging of both Port Elizabeth and Port Newark, removing upwards of 3,700 cubic yards (yd<sup>3</sup>) of material per day during peak operation. Material was impacted with total petroleum hydrocarbons (TPHs), semivolatile organic compounds (SVOCs), and metals.

### PROJECT HIGHLIGHTS

- Sediments were excavated using a 14-cubic yard, cable arm, environmental “clamshell” style bucket.
- All sediments were stabilized with Portland cement for upland placement as beneficial re-use material.
- Material was dewatered and processed in accordance with the water quality criteria for New York and New Jersey and the Acceptable Use Determination (AUD) issued by New Jersey Dept. of Environmental Protection.
- The tight schedule was met despite working around heavy vessel traffic of bulk and general cargo freighters, tankers, and container ships.

Location:	Port Newark Channel, Newark, NJ
Contractor:	Cashman Dredging & Marine Contracting Company, LLC
Subcontractor:	Clean Earth
Contract Dates:	April 2004 – August 2006
Dollar Value:	\$9.2 Million
Material Disposal:	Beneficial Reuse
Awarding Authority / Owner:	Port Authority of New York and New Jersey (PANYNJ)

