



Cheatham Annex Naval Weapons Facility Dredging

YORKTOWN, VIRGINIA

Cashman was contracted by the Navy to mechanically remove ~65,000 cubic yards of silt material at the Pier CAD A at Cheatham Annex, a part of Naval Weapons Station Yorktown located near Williamsburg, Virginia on the York River 35 miles northwest of Norfolk. The mission of Cheatham Annex includes supplying Atlantic Fleet ships and providing recreational opportunities to military and civilian personnel.

PROJECT HIGHLIGHTS

- Mechanical removal of ~65,000 cubic yards of silt material utilizing the dredge Wood I at Pier CAD A.
- Sediments were excavated using a 14-cubic-yard cable-arm environmental “clamshell” style bucket.
- Material was loaded into six 3,000-cubic-yard hopper scows and transported via tugboat ~109 miles along the James and York River waterways to Shirley Plantation, located in Charles City County, Virginia.
- Material was unloaded from hopper scows utilizing an excavator-mounted DAMEN DOP hydraulic pump.
- Material was then transported through 5,000 feet of 12-inch HDPE pipe and discharged at a designated settling pond at the Shirley Plantation. Water from the settling pond was pumped through 5,000 feet of return pipeline and discharged to the waterbody.
- All work met or exceeded the project-specific schedule and environmental constraints.

Location:	Yorktown, VA
Contractor:	Cashman Dredging and Marine Contracting
Contract Number:	N4008509C8004
Contract Dates:	Jul. 2010 – Aug. 2010
Dollar Value:	\$2.8 Million
Awarding Authority / Owner:	Naval Facilities Engineering Command (NAVFAC), Mid Atlantic

