



Cove Point LNG Terminal Dredging / Revetment

COVE POINT, MARYLAND

Cove Point Terminal is an offshore liquid natural gas (LNG) shipping terminal located near Lusby, MD on the western shore of the Chesapeake Bay. The Terminal receives and stores imported LNG. Cashman was contracted to mechanically remove ~110,000 cubic yards of silt and sand material at the facility, as well as provide pier and revetment wall reinforcement.

PROJECT HIGHLIGHTS

- Mechanical removal of ~110,000 cubic yards of silt and sand material utilizing a Lima 2400 crane dredge.
- Material was loaded into two 3,000-cubic-yard hopper scows and transported to the unloading barge located adjacent to the pier revetment at the Cove Point LNG facility for hydraulic unloading and placement evenly behind a revetment wall.
- Material was unloaded from hopper scows utilizing an excavator-mounted DAMEN DOP hydraulic pump.
- Material was transported through 1,000 feet of 12-inch HDPE pipe and discharged. Initial 2,000 cubic yards of material were discharged in a geotube. The remaining material was discharged evenly behind the revetment wall, moving the pipeline as material filled in the areas.
- Water from behind the revetment wall was pumped through a return pipeline and discharged to the waterbody, following Contract discharge water environmental controls.

Location:	Cove Point, MD
Contractor:	Atlantic Dredging
Contract Dates:	Mar. 2010 - Jan. 2011
Dollar Value:	\$1.9 Million
Awarding Authority / Owner:	Dominion Cove Point LNG

