



Gowanus Canal Pilot Test Program

BROOKLYN, NEW YORK

PROJECT HIGHLIGHTS

- Excavated / backfilled seven test pits and two areas of pre-clearing for a total of ~1,300 cubic yards.
- Installed, then extracted, seven pairs of 50- and 60-foot steel sheetpiles for a total of 2,251 square feet.
- Placed more than 100 tons of stone rip-rap to stabilize the embankment.
- Placed and finished 625 square feet of concrete within an active concrete plant.
- Utilized an odor suppressant foam and spray during excavation activities and on stockpiles, and disposed of MGP-contaminated soils at an owner-approved facility.
- Provided vibration, air, dust and noise monitoring.
- Installed environmental controls including silt fence and oil / silt boom.
- Demolished bulkhead and other concrete structures, and sized for disposal.

CUSTOM SOLUTIONS

- When a high-powered vacuum truck could not clean out all of the soil in the sheet enclosures, Cashman collected the soil during sheet driving.
- Cashman designed a custom airlift powerful enough to get 50 feet deep, yet small enough to fit in the 3-inch gap in the enclosure.

Location:	Brooklyn, NY
Contractor:	Cashman Dredging & Marine Contracting Company, LLC
Contract Dates:	Feb. 2014 - March 2016
Dollar Value:	\$1.1 million
Awarding Authority / Owner:	National Grid USA Service Co., Inc.
Engineer:	GEI Consultants, Inc.

Cashman was selected to perform this Pilot Study to evaluate different sheet pile designs and effects on infrastructure along the Gowanus Canal.

