AquaBlok® Installation Profile

Site Location: **US EPA Region 2**
Glens Falls, New York (Hudson River)

Project Status: Completed February 2008

Completed Cap with Armor and rip rap on slope

**Setting / Purpose:** Canal/River (freshwater). MGP Site – Treatment barrier and low permeability barrier/cap over contaminated sediments. Site area was approximately 4,000 square feet.

**AquaBlok Cap Design / Site Area:** Multi-layer design comprised of a one inch basal layer AquaBlok+ORGANOCLAY covered with a hydrated layer (~6 inches in target thickness) of AquaBlok 3070FW. The cap was then armored with a two inch layer of AASHTO #2 stone.
Contaminant(s) of Concern: Coal Tar associated with historic MGP site, including PAH (polynuclear aromatic hydrocarbons) and DNAPL (Dense Non-Aqueous Phase Liquids).

Placement of AquaBlok+ORGANOCLAY product through the water for treatment/adsorption of petroleum-based hydrocarbon contaminants

Placement of stone armor over AquaBlok low permeability capping material

Method of AquaBlok Placement: Shore-based excavator