

AquaBlok® Installation Profile



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

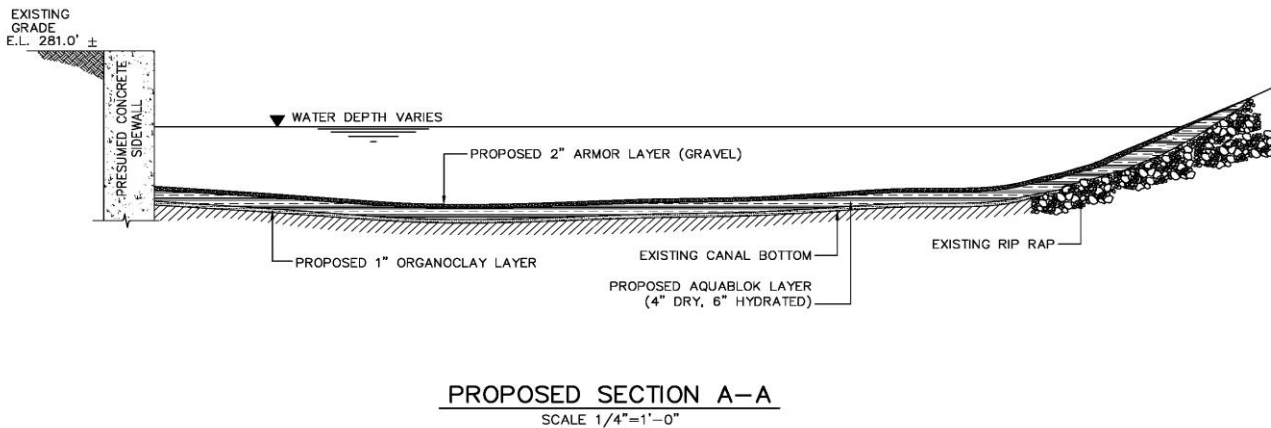
Project Status: Completed February 2008



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.



AquaBlok® Installation Profile



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