

AquaBlok® Installation Profile



Site Location: US EPA Region 5

Oil Spill Impacted Pond Site, Hagerstown, Indiana **Project Status:** Completed August 2010

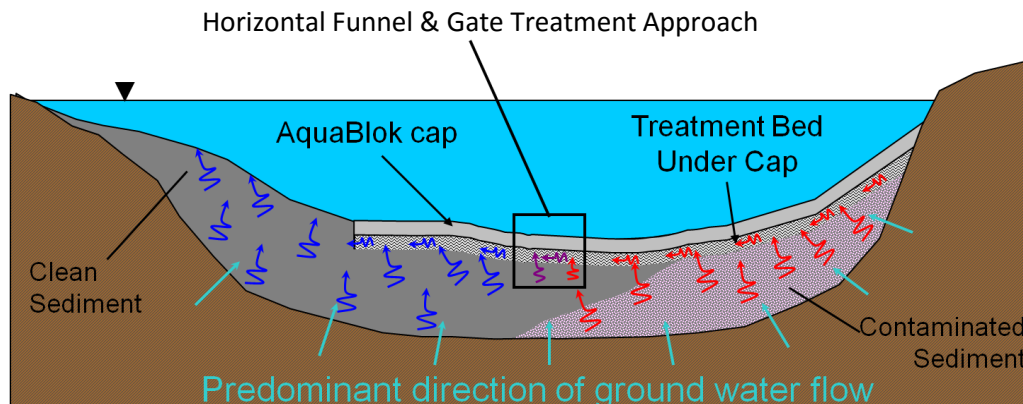
Setting / Purpose: Freshwater Pond – Provide treatment layer and low permeability barrier to address potential for residual oil seepage into pond.



Overview of AquaGate®+ORGANOCLAY being applied to pond basin

Contaminant(s) of Concern: Pond was impacted by residual petroleum-based contaminants that resulted from a nearby pipeline failure. Subsurface contaminants being driven by groundwater were discharging into the pond and causing visual sheen. The remedy was the result of a settlement between the pond owner and the responsible oil company. Site area was approximately 50,000 square feet.

Treatment Material and Cap Configuration:



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Site Related Issues and Material Handling: Material was packaged in approximately 2,500 LB bulk bags (super sacks) and stored on-site under cover until a weather window allowed installation. The material was transferred from the bulk bags directly to the bucket of a loader that placed the product into the Stone Slinger for application.



On-site Storage of AquaBlok Material and Transfer into Loader Bucket



View of Rapid Loading the Stone Slinger

The actual installation time, including mobilization and all quality control aspects was approximately one week in duration.

Method of AquaBlok Placement: Shore-based Stone Slinger.

Contractor: Envirocon, Inc.