

POND SEALING > POND LINING, SEALING, CAPPING/CLOSURE

RAREY RESIDENTIAL POND SEALING

FINDLAY, OH [COMPLETED OCTOBER 2009]



The Rarey family of Findlay OH, loved their backyard swimming and fishing hole, originally constructed with a compacted clay liner to retain water. Over the years, silt and sediment began to build up in the pond, making it shallower and messier until the Rarey's decided to "de-muck" the pond to return to its original beauty. Yet the de-mucking operation went deeper than originally planned, and portions of the clay liner were unintentionally excavated and removed. The cost and logistics

of a full clay liner replacement were not feasible, so AquaBlok was presented as an alternative method for repair. Without having to drain the pond, 40 tons of AquaBlok was placed over 11,400 square feet of basin bottom and side slopes to repair the excavated clay liner. The AquaBlok application was performed using a remote-controlled stone slinger from the shoreline and completed within a few hours. The repaired pond was filled and ready to use again right away.

GEOTECHNICAL sealing solutions

COMPOSITE BENTONITE AGGREGATE composed of a specific gradation of stone coated with sodium bentonite and a proprietary binder.



HOW AQUABLOK WORKS AquaBlok Composite particles expand when hydrated, transforming the material into the cohesive seal that self-compacts and conforms to uneven surfaces. The result is a natural and sustainable hydraulic barrier.



AquaBlok Dry



AquaBlok Hydrated



AquaBlok Hydrated [24 hr]

SEEPAGE
CONTROL

POND
SEALING

REPAIRS

For technical support or questions regarding geotechnical engineering applications, please contact

Andy Durham, P.E.

Geotechnical Sales Manager

678.206.9483 | adurham@aquablok.com



175 Woodland Ave.
Swanton, OH 43558
419.825.1325
AquaBlok.com