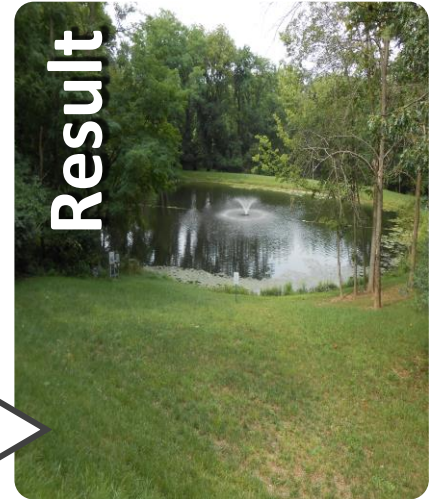


SEEPAGE CONTROL > CUTOFF WALLS/HYDRAULIC BARRIERS

NAPOLEON POND SEEPAGE REPAIR

NAPOLEON, OH (COMPLETED MAY 2009)



A Napoleon, OH resident became worried after their pond level began dropping, and the sump pump in their nearby basement would not stop running. After closer inspection, it became clear that pond water was piping; flowing parallel to an underground geothermal utility line adjacent to the pond to escape. Faced with an expensive excavation and utility relocation to stop the seepage, the residents instead used AquaBlok to solve the problem.

After digging a small trench across the utility line, AquaBlok was backfilled into the trench without the need for compaction or drawdown of the pond water level. Within 24 hours, the bentonite-coated particles swelled in place to effectively block seepage from the pond along the utility line. Today, the trench remains filled with the safe and natural AquaBlok material and the excessive discharge has been eliminated.

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

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