

POND SEALING > POND LINING, SEALING, CAPPING/CLOSURE

JONES ROAD FARM POND SEALING

GRANVILLE, OH (COMPLETED FEBRUARY 2017)



Residents on a family farm in Granville, OH were excited to excavate a new pond for fishing, swimming and overall enhancement of their property. Unfortunately, shale and sandy soils prevented the pond from holding water, and draining, drying, and lining with clay or plastic exceeded the family's construction budget. AquaBlok was presented as a viable sealing solution as accessing the pond bottom and lower slopes would be challenging to accomplish with conventional equipment.

Drawing from experience in environmental remediation applications, the AquaBlok team was able to assist with recommending a "slinger" approach. The installer was able to set up a rapid-conveyor machine and "sling" the composite bentonite aggregate evenly through the water column and across the pond's slopes and bottom areas. The pond was sealed in one day, without having to be de-watered, and the pond stays full for year-round beauty and recreation.

GEOTECHNICAL sealing solutions

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



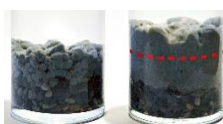
HOW AQUABLOK WORKS AquaBlok Composite particles expand when hydrated, transforming the material into the cohesive seal that self-compacts and conforms to uneven surfaces. The result is a natural and sustainable hydraulic barrier.



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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