

SEEPAGE CONTROL > TRENCH DAMS/ANTI-SEEP COLLARS

# SIMONSON PLACE STORM OUTFALL

CAMANO, WA [COMPLETED OCTOBER 2020]



Access to recreational areas on Camano Island in Island County, WA is critical, and when underground seepage threatens roadway infrastructure, the Island County Public Works Department must act fast. Steep slopes and aging pipe along Simonson Place near the Cavaleiro Boat Launch called for rerouting of storm drain emptying into the nearby Puget Sound. With it's ease and speed of installation, AquaBlok was selected for use in a critical trench dam encapsulating new 30-inch HDPE pipe constructed with a longitudinal slope exceeding 10%. County Public Works crews were able to

quickly set up a temporary form, place the AquaBlok directly from its bulk bag packaging with ease, and backfill the surrounding trench in a just a few hours. Unlike other conventional anti-seepage materials, AquaBlok did not require any tedious set up and placement, mixing, or compaction. As time goes on, AquaBlok will continuously rehydrate and self-heal, and will resist shrinkage, cracking, and damage from seismic forces. Roadway refurbishment was completed atop the new pipe later in the week, and the storm system is now functional, and protected from seepage by the AquaBlok trench dam.

## GEOTECHNICAL sealing solutions

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



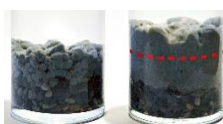
**HOW AQUABLOK WORKS** AquaBlok Composite particles expand when hydrated, transforming the material into the cohesive seal that self-compacts and conforms to uneven surfaces. The result is a natural and sustainable hydraulic barrier.



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](mailto:adurham@aquablok.com)



175 Woodland Ave.  
Swanton, OH 43558  
419.825.1325  
[AquaBlok.com](http://AquaBlok.com)