

SEEPAGE CONTROL > TRENCH DAMS/ANTI-SEEP COLLARS

# SHERBROOKE STREET UTILITY REPAIR

NEW WESTMINSTER, BC [COMPLETED MARCH 2017]

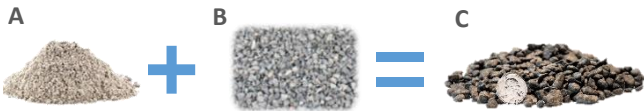


The City of New Westminster in British Columbia undertakes an annual maintenance program to rehabilitate residential sewer mains. In 2017, the City identified issues with potential erosion alongside one of the Sherbrooke street sewer mains on a steep grade. City crews open cut the pavement and identified areas of groundwater flow adjacent to the pipe, and the need to impede the groundwater movement to preserve subgrade integrity. Yet clay backfill, grout, and other conventional solutions

were deemed to be too time-consuming and costly to fit within the annual repair budget. The City selected AquaBlok to create permanent trench dams on the Sherbrooke street sewer main to serve as reliable hydraulic barriers. AquaBlok was easily, quickly and safely placed directly into the trench from the convenient bulk bag spout, and since it self-compacts when hydrated, no mechanical compaction was necessary.

## 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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