

measure . manage . monitor

# smart

## watering systems

Native Plant Display Garden With Rainwater Storage  
Milton, Ontario • 2009



### Water Storage: 1,200 L

#### Project Overview:

In an effort to reduce storm water run-off, a rainwater catchment system was installed in a 3 x 20 foot area between 2 driveways. A modular aquablox system was ideal due to space limitations.

A total of 6 downspouts are collecting rainwater and channeling the water to the 1,200 litre underground storage area. Filtration basins at each down spout provide "first flush" filtration while a bubbling rock adds a secondary filtration step and aerates the water. System overflow feeds into an infiltration area that returns water to the hydrologic cycle.

By capturing this water, off-site flow has been eliminated and the residents have the additional benefit of a beautiful "rain garden" style water feature that enhances curb appeal.

#### Conservation Solutions Implemented:

Storage: Modular aquablox.

Filtration: Multi-stage

End Uses: Car washing, gardens, hand watering.

End Result: Off-site storm water flow reduced, significant reduction in potable water use.



every drop counts

