

RWH for Landscape Irrigation Water Supply



Mississauga, Ontario

Water Stored: 55,000 L.

Protecting ecosystems & saving drinking water

Project Overview:

A residential client was directed by the local conservation authority to mitigate storm water run-off from entering the local ecosystem traveling over their property into a river that runs through it. Their concern was the prevention of soil erosion and surface contaminants from washing directly into the river system and eventually into lake Ontario.

By capturing and containing rainwater a large amount of storm water is prevented from running directly into the river. By using the captured water for landscape irrigation the water can filter through the soil strata and re-join the water cycle in a more natural manner.

SMART Watering Systems INC. was hired to design and facilitate the rainwater harvesting system and design and integrate it into a landscape irrigation system as it's water source.

This system will also prevent treated potable water from being used to water the landscape and turf on this property.



Conservation Solutions Implemented:

- Storage:** Modular aquablox
- Filtration:** Multi-stage
- End Uses:** Landscape Irrigation
- End Result:** Offsite storm water flow reduced, significant reduction in potable water usage

