



Backgrounder – Innovative Clean Water Technologies at the IMAX Site

The renovated parking lot at IMAX headquarters, Mississauga will incorporate a variety of innovative stormwater management technologies to collect, absorb and filter pollutants from rain and stormwater runoff before it flows into Sheridan Creek, which flows to Rattray Marsh (a provincially significant wetland) and eventually Lake Ontario, the source of drinking water for 8 million people.

Combined, the technologies will also reduce the amount of runoff entering the municipal storm system and help reduce overload and flooding during extreme weather events.

The most significant technologies being installed at the IMAX site include:

Sod Covered and Vegetated Bioswales – landscaped grass or floral rain gardens that absorb and release rain water slowly, filtering out pollutants.

Jellyfish, Sorbitive Vault and Sorbitive Media – industrial water filters that remove pollutants and release rain water slowly before it travels to the municipal storm system on its way to Sheridan Creek.

Permeable Pavers – specially-designed paver stones laid on top of multiple layers of engineered crushed stone. Permeable paving systems allow rainwater to drain away from the surface, preventing it from rushing into municipal storm systems and extending the life of the pavement by eliminating potholes and other deterioration.