Outdoor Water Efficiency Audit

Case Study:
Delta Meadowvale
Resort and Conference Centre

The Company:

Whether you are organizing a large tradeshow and conference, a family stay, or just relaxing overnight, Delta Meadowvale is Mississauga's First Class Hotel for meetings and travel. Delta Meadowvale has 40,000 sq. ft. of space, 374 guestrooms featuring Sanctuary Sleep beds and a wide range of features to relax and enjoy your stay including Club Meadowvale (a 40,000 sq. ft. fitness centre) and Big Blue (our 165-ft. waterslide). Big Blue is Mississauga's longest indoor hotel waterslide.

Prior to undertaking any water reducing measures Delta's irrigation demands were 6,634 m3 of water over the 2009 summer.

"At Delta Meadowvale, we're committed to doing our part in protecting our community. Our goal is to reduce water consumption per occupied room through both efficiency and conservation measures. Thus we are proud to partner with Water Smart Peel and we encourage other business leaders in the community to support and actively participate in this program."

Rob Housez, General Manager, Delta Meadowvale

Water Saving Solutions:

1. System Repairs & Upgrades

A master valve was installed to prevent any water loss from mainline leaks. Leaking sprinkler heads were replaced and nozzles were changed out to reduce overspray due to over-pressurization.

2. Controller Upgrade

A smart controller was installed to further reduce excess water use by adjusting the irrigation schedule based on local evapotranspiration values.

Economic Benefits:

$2,478 saved due to water reducing measures, plus a one-time Peel rebate of $2,000.

Water Savings:

1,774m3 of water over the 2009 summer

Water Reducing Measures	Regional Rebate	Water Savings (m^3 / summer)	Annual Savings
System and Controller	$2,000	1,774m^3	$2,478

DELTA MEADOWVALE RESORT AND CONFERENCE CENTRE

Consulting services provided by:

VERITEC A Miya Group company

watersmartpeel.ca
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