

W.E.T. case study



Kraus Flooring

Kraus Flooring is a large flooring production company with three locations in Waterloo. Annual water use is 348,000 m³ prior to completing these projects.



Figure 1 Kraus Flooring

Water savings solution

A pump and tank system was installed to reclaim water from the vacuum pump equipment used to dry carpets. Filters clean the water before returning through the system. New, Kraus Flooring also installed efficient water softeners at the Chrome Print facility. The two projects reduced water use by nearly 100 m³ of water per day.

Kraus Flooring is the 2013 recipient of the Region of Waterloo Water Efficiency Excellence Award for this work.

Economic benefits

The Region of Waterloo provided \$26,996 funding through the W.E.T. Program based on a \$0.40 per litre of water saved. The combined cost of both projects was \$150,263 with an annual water savings of \$89,549. The project will pay for itself in under two years.

Water savings

Kraus Flooring now saves 99.5 m³ of water per day; a reduction in water use by 46 per cent.



Summary

Water re-use system and fixture upgrades

- W.E.T. Program funding: \$26,996
- Water use before project: 348,000 m³
- Water savings: 36,318 m³ per year
- Cost to implement: \$150,263
- Annual savings: \$89,549

Region of Waterloo water programs for business

The Region of Waterloo has funding and programs to help industrial, commercial and institutional organizations reduce water costs.

Learn more at www.regionofwaterloo.ca/WaterSmartBusiness.

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Region of Waterloo, Water Services

519-575-4400 (TTY: 519-575-4608)
www.regionofwaterloo.ca/water

Email: waterservices@regionofwaterloo.ca
Find us on Facebook: /ROWWaterServices