

Case Study: Kraus Flooring

Background:

Kraus Flooring is a large flooring production company in Waterloo with three properties, also housing Chrome Print and Strudex Fibres. Annual water consumption across the three locations sat at 348,000 m³ prior to completing these projects.



Water Savings Solution:

A pump and tank system was installed to reclaim water from the vacuum pump equipment used to dry carpets. The water is filtered and pumped back through the system.

New, more efficient water softeners were also installed at the Chrome Print facility.

The two projects brought their water use down by nearly 100 m³ of water per calendar day.

Economic Benefits:

The project will pay for itself in under two years, with a WET Program incentive of \$26,996 based on \$0.40 per litre of water saved. The combined cost of both projects was \$150,263 with an annual water savings of \$89,549.

Water Savings:

Kraus Flooring now saves 99.5 m³ of water per day which reduced their water consumption by 46%.

Water Reducing Measures	Cost of Implementation	Cost Savings (Rebate)	Water Savings (m ³ /year)	Annual Savings
Water re-use system and water softener replacement	\$150,263	\$26,996	36,318 m ³	\$89,549