

2015 Water Savings

For the 2015 irrigation season, ExactET clients' saved a grand total of 455 million litres of potable water. This equated to a reduction to their outdoor water bills of over \$1,250,000.

On a percentage basis ExactET reduced the outdoor water consumption of its clients by 37% in 2015 (2014: 40%; 2013: 39%; 2012: 30% and 2011: 47%).

Commercial Properties					
Property	Irrigation Frequency Under ET	Irrigation Frequency Under Prior Timer-Based Schedule	2015 Water Savings (£)	2015 Cost Savings (\$)	Return on Investment (yrs)
Agrium Inc:					
Agrium Place	32.8	60	1,929,000	\$5,500	0.9
ATCO Pipelines:					
APEC Main Bldg. (Edmonton)	21.6	57	802,000	\$2,100	1.2
ATCO Gas:					
Crowfoot Operations	35.4	66	1,658,000	\$4,700	0.8
Bentall Kennedy:					
Yellowhead Crossing I (Edmonton)	35.2	60	2,048,000	\$5,400	0.9
South Calgary Health Centre	29.7	80	2,495,000	\$7,200	0.6
Shepard Industrial	48.8	77	1,618,000	\$4,600	2.7
Calgary Co-op:					
West Springs Store	30.7	66	872,000	\$2,500	3.6
CBRE:					
Crowfoot Business Centre	40.1	66	2,261,000	\$6,500	1.8
CREIT					
Valleyfield Business Centre	33.2	66	1,840,000	\$5,300	0.9
Norwester (Edmonton)	24.1	60	1,967,000	\$5,200	3.1
Dream Industrial Management:					
Glenmore Business Centre	29.4	63	5,628,000	\$16,200	2.5
Sunridge Business Park	33.7	66	7,212,000	\$20,800	1.2
EPIC Realty Partners:					
Jacobs Engineering, Quarry Park	35.3	66	4,871,000	\$14,000	1.1
First Capital Realty					
Cranston Market	32.4	66	1,194,000	\$3,400	2.3
GWL Realty Advisors:					
Stantec	33.9	66	1,046,000	\$3,000	1.9
Westmount Corporate Campus	31.7	66	4,449,000	\$12,800	2.2
Hopewell:					
Sierra Springs (Airdrie)	29.5	62	2,948,000	\$4,400	3.7
IKEA Canada:					
Calgary Store	38.5	66	5,189,000	\$14,900	0.7
Ivanhoe Cambridge:					
Deerfoot Meadows	33.9	66	11,081,000	\$32,000	0.6
Morguard:					
Heritage Towne Centre	29.2	60	2,820,000	\$8,100	0.8
Center 810	22.4	52	2,497,000	\$7,200	1.0
Oxford Properties:					
Devon Tower	46	86	434,000	\$1,200	3.8
Southcentre Mall & Executive Tower	29.1	58	9,087,000	\$26,200	1.2
Real Canadian Superstores:					
Shawnessy	28.5	66	2,212,000	\$6,300	1.1
RioCan:					
Signal Hill Shopping Centre	44.4	66	4,248,000	\$12,200	0.7
Triovest:					
Airport Park - Bldg 10707	39.4	66	1,773,000	\$5,100	0.8
Keynote Office Tower	46	66	1,128,000	\$3,200	1.5

Government/Municipal Properties					
Property	Irrigation Frequency Under ET	Irrigation Frequency Under Prior Timer-Based Schedule	2015 Water Savings (ℓ)	2015 Cost Savings (\$)	Return on Investment (yrs)
Alberta Infrastructure:					
Lougheed House	27.4	52	1,323,000	\$3,800	1.3
Town of Cochrane					
Mitford Park - Ball Diamonds	29.2	66	3,256,000	\$4,900	0.9

Multi-Family Residential Properties					
Property	Irrigation Frequency Under ET	Irrigation Frequency Under Prior Timer-Based Schedule	2015 Water Savings (ℓ)	2015 Cost Savings (\$)	Return on Investment (yrs)
Coventry Meadows	20.6	45	858,000	\$2,400	2.8
Wyldeewood Estates (partial season)	7.9	33	5,924,000	\$17,100	0.7
Mosaic of Aspen Hills	40.1	66	860,000	\$2,400	2.0
Glenmore Heights	36	100	1,388,000	\$4,000	1.5
Outlook of Royal Mews	26.7	45	2,806,000	\$8,100	2.6
Wildflower	33.1	63	3,192,000	\$9,200	3.3
Inglewood Grove	28	57	3,655,000	\$10,600	0.6
Springside Villas	37	66	1,081,000	\$3,100	0.8
The Phoenician Condominiums	39.3	71.5	917,000	\$2,600	0.8

How are savings calculated?

These are the documented water savings during a typical irrigation season (May-Oct.) with Climate Controlled Irrigation compared to traditional timer-based watering. Volume savings for the most part are calculated using irrigation meters and apply irrigation frequencies times water usage volumes per irrigation event.

Water cost savings are based on 2015 irrigation water service rates. For the City of Calgary that rate was \$2.8886/m³ and for the City of Edmonton \$2.6494/m³.

ROI is based on water rates at the time and year of installation. Usage amounts have been converted from m³ to litres for demonstration purposes.