

## CASE STUDY

## Thornton's Washrooms, Somercotes

### Water Saving Trial – Norman Building

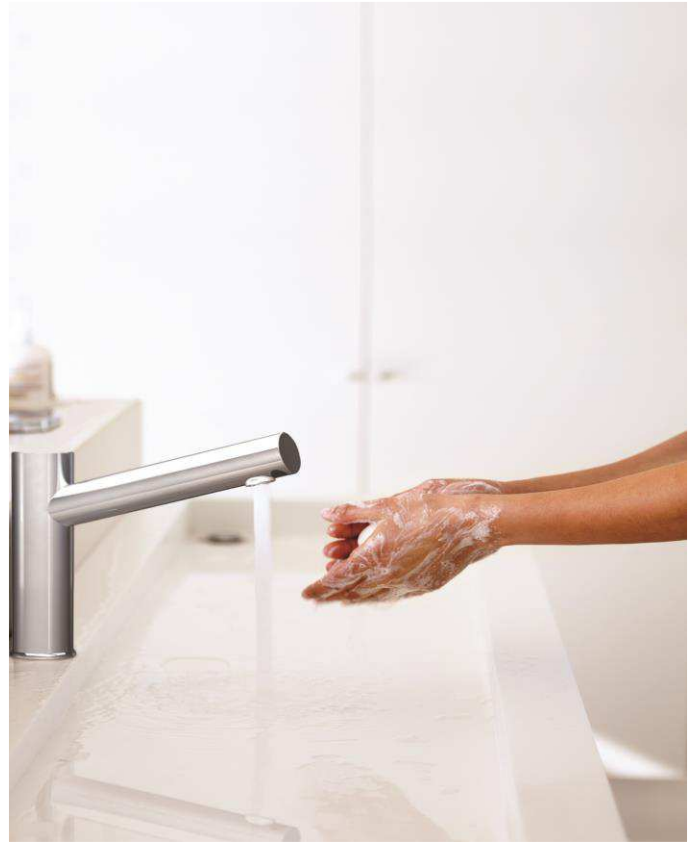
Dart Valley Systems Ltd have been working closely with Thornton's facilities team to help reduce water consumption within their washrooms facilities at their Sumercoates factory.

After site visits and discussions between both parties DVS decided to set up a trial of No-Touch products within the Norman Building, to estimate how much water would be saved over a 2 week period.

The saving results below are based on a small gent's washroom in Norman Building which contained three DVS automatic taps, one WC flushvalve and one urinal control.

Before the trial of DVS products took place, measurements of Thornton's current water usage in this area was recorded so a comparison could be made.

Below is shown the savings made over 2 weeks and calculated over 1 year for this one washroom alone.



		Start Reading	Closing Reading	Units used/times flushed
Pre-DVS Installation	Urinals	30	1798	1768 Flush
	WCs	10	244	234 Flush
	Taps	40	777	737 Litres
Results after DVS Installation	Urinals	1804	2067	263 Flush
	WCs	251	507	256 Flush
	Taps	806	1247	441 Litres
Savings made over 2 weeks	Urinals	1505 Flushes x 7.5ltrs saving = 11287.5ltrs		
	WCs	256 x 3ltr flush saving = 768ltrs		
	Taps	336 litres		
<b>Total Saving</b>		<b>12391.5ltrs/12.39m³ x £2.00/m³ water/sewage rate = £24.78 for 2 weeks</b>		

For estimating saving for the year

£24.87 x 26 weeks = **£646.62**

**For more information on DVS products and services, please contact the sales team on  
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