

Thames Water

HQ Clearwater Court, Reading



Propelair were engaged to carry out a study of the toilet facilities at the Thames Water Headquarters, Clearwater Court in Reading. They were looking to reduce water consumption and overcome their water availability and peak flow demand requirement issues.

Following the 44 toilets installed in May 2015, Thames Water also decided to install 135 toilets into Walnut Court, Madejski Stadium, Oracle Shopping Centre & Lyceum Theatre.

“Working with Propelair has been really easy. We’ve got the same sort of objectives, it’s an interesting piece of technology and our staff have really embraced it.”

Andrew Tucker, Water Efficiency & Affordability Manager



- The installation of 44 Propelair toilets will achieve a **79% water saving**
- Annually this will **save 3,901,040 litres of water** (building utilisation = 260 days)
- An annual **carbon reduction of 4,020 kg**



- 3,901,040 litres of water saving = **£8,387 reduction in water bills annually**
- Payback achieved in **3.9 years**

*See table below for flush data, annual savings and payback



- Propelair’s unique displaced air technology efficiently **removes all waste with one flush**
- Reduces airborne germs by up to **95%**
- Removes up to **99.9%** of waterborne contaminants

*All figures represent a single Propelair unit

Metered Water Charge	Flushes per Day	Previous Flush Volume	Annual Savings		Payback
			Water	Financial	
£2.15/m3	62	7 litres	88,660 litres	£190.62	3.9 years