



Groundwater use in business

Case study examples



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In partnership with





Woolworths Head Office, Cape Town

Source: 5 seepage pumps fed by an underground river

System: Potable quality - Reverse Osmosis and UV treatment

Application: Toilet flushing, car washing, air conditioning in 5 buildings

Savings: 60% water usage ~1,500 kl/month (18,000 kl/year)

Cost: R1.2 million (installed 2010)

Future: Engaging with the City to go 100% off-grid at these sites





Peninsula All-Suite Hotel, Seapoint

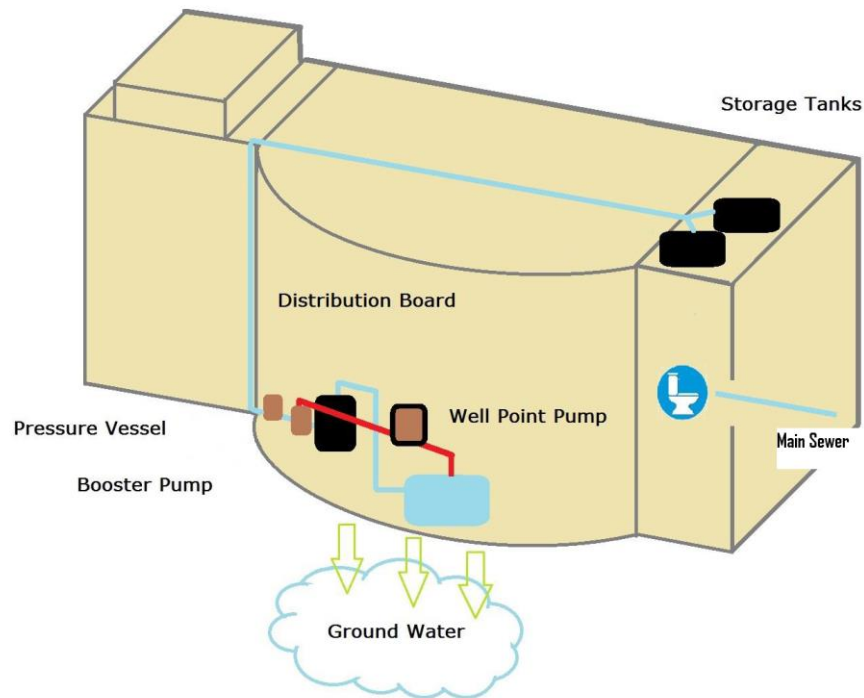
Source: Groundwater via wellpoint

System: Non-potable, filtration, chlorination, rooftop storage

Application: Toilet flushing

Savings: 10% water usage ~225 kl/month (municipal water for toilet flushing reduced by 41%)

Cost: R100,000 (installed April 2016)





K-way Manufacturers, Ottery

Source: Groundwater via wellpoint

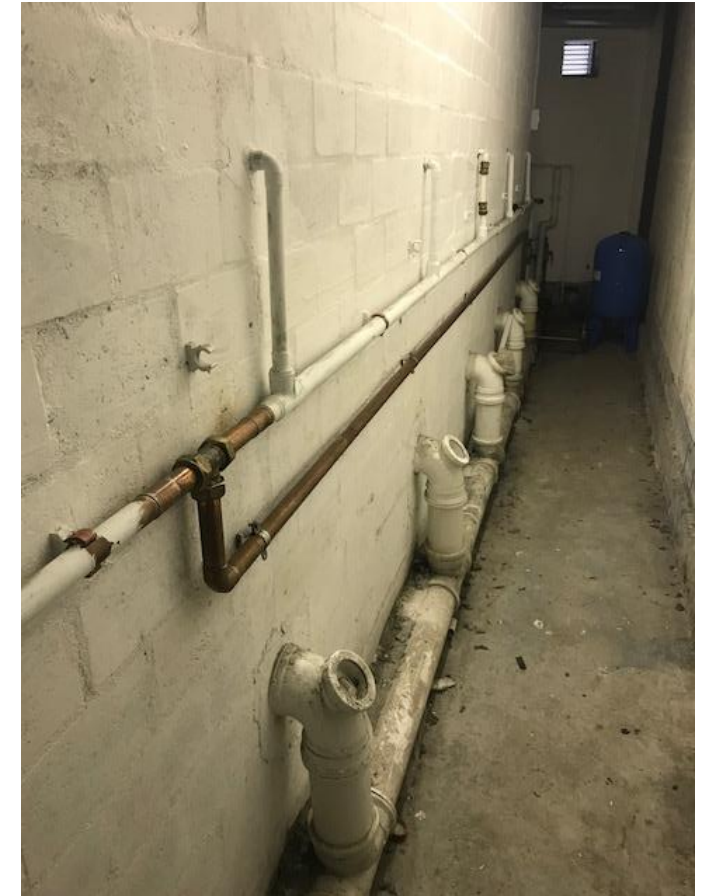
System: Non-potable, aeration system for odours (installed 2010)

Application: Toilet flushing

Savings: 125 kl/month (1,500 kl/year)

Cost: <R30,000

Future: Installing a similar system at their Paardeneiland Keedo factory





GreenCape support to businesses

We're here to help, for free

- Business support in scoping for water solutions:
 - Independent guidance on possible solutions for increasing water efficiencies, reusing or recycling water and supply options
 - Contacts for consultants and technology suppliers that could assist further
 - GreenCape's business support page: www.greencape.co.za/water-business-support
 - Regular business support events (visit our webpage)
 - Email: water@green-cape.co.za for assistance
- Market Intelligence Report on the water sector, for free download at www.green-cape.co.za/market-intelligence
- Sign-up to be a member <http://www.green-cape.co.za/become-a-member/> to receive invites to water-focused networking and information sharing events.



Thank You

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