

# Mainstream

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## In this issue

**Target 60 – it's vital to keep on saving**

**Kwinana industry slashes water use**

**Our Toilets to Go program**

**Helena Water to build Mundaring Water Treatment Plant**

**Groundwater Replenishment Trial Community Open Day**

**Kalgoorlie Smart Metering Trial**

**Plumbing Handbook – our guide for plumbers and builders**

**Call for North West industry support**

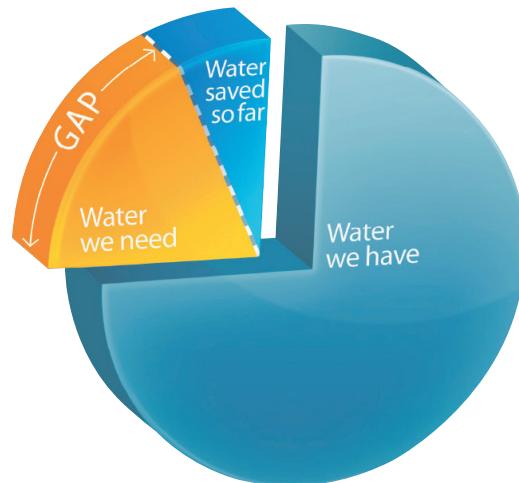
Welcome to the new-look Mainstream, our quarterly e-newsletter designed to keep you informed about our latest projects, initiatives and business opportunities.

We have re-designed Mainstream to improve online usability for our readers. We would appreciate your feedback about the new style, along with suggestions about what you would like to see in future editions.

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## Target 60 – it's vital to keep on saving



**Switching from a single flush toilet to a dual flush system can save around 90 litres of water every day in a home. In a business, an efficient toilet can save even more.**

We have partnered with Select Solutions and Caroma to offer businesses and households in the Perth metropolitan area, Mandurah, Geraldton and Kalgoorlie the opportunity to upgrade their single flush or inefficient dual flush toilet.

Get your Australian-made, Caroma 4 star dual flush toilet installed by a licensed waterwise plumber for up to 30%\* less than regular supply and installation prices.

\*Percentage based on comparison of standard installation costs plus RRP of the toilet and does not include additional work if required. Further charges apply for non-standard installations. Includes GST.

[Upgrade now and save](#)

**On 20 February 2011 Perth achieved the 13 billion litre water saving target set by the Target 60 campaign, more than one month earlier than expected.**

While this is an exceptional achievement, now is not the time to become complacent. With a hot start to autumn businesses, households and major industry are urged to keep up the good work and keep on saving 60 litres of water every day.

So far we have saved 14.8 gigitalitres of water, but there is still a predicted 61.2 gigitalitre gap between how much water we have and how much we are going to need this year.

Now that we have adopted our water saving habits, it is vital to keep them up. After the driest winter on record in 2010, we cannot just rely on winter rain flow into our dams to bridge that gap.

Be sure to complete your interactive Target 60 Plan and stick to it. It will only take a minute to complete and see how easy it is to save 60 litres of water a day, in your home and workplace.

[Complete your interactive Target 60 plan now](#)

## Kalgoorlie Smart Metering Trial

**Over 1,400 businesses in Kalgoorlie-Boulder will have a new water meter installed by July 2011, as part of our Kalgoorlie Smart Metering Trial.**

The new water meters will have an automated reading capability, which will allow us to read customers' meters remotely. The meters will also provide more up-to-date information, giving businesses more information about their water use.

Goldfields Area Manager, Anthony Bodycoat said the trial will be used to evaluate benefits of smart metering, which will guide future investment in these technologies.

"For our customers this means we will no longer need to enter their premises to read the water meter, we can detect an internal leak at the premises more easily and can provide more information about their water use to help their business reduce water consumption," he said.

The trial will be completed by June 2012.

[Find out more about the trial](#)

## Plumbing Handbook - our guide for plumbers and builders

Our Plumbing Handbook was developed in consultation with the plumbing and building industries to assist plumbers and builders in working with the Corporation and our regulators.

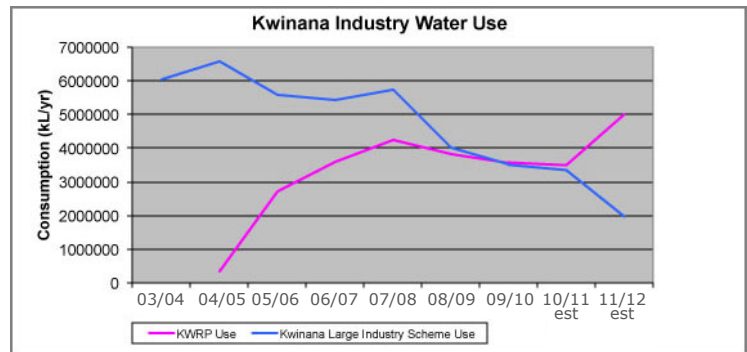
We are currently reviewing the handbook to ensure that it reflects current by-laws and statutory obligations.

Have you been using the Plumbing Handbook? We are seeking feedback from plumbers and builders to make sure it continues to meet your needs.

[Tell us what you think](#)

[Download your Plumbing Handbook](#)

## Kwinana industry slashes water use



**Two of our largest customers have slashed their scheme water use by replacing it with fit-for-purpose recycled water from the Kwinana Water Recycling Plant (KWRP).**

The Tiwest Titanium Oxide Manufacturing Plant has reduced its scheme water use from 60 kilolitres per tonne of pigment produced to 10 kilolitres. Tiwest's goal is to use no scheme water in the industrial process, by taking additional recycled water from KWRP.

The IPM Kwinana Cogeneration Plant has reduced its annual scheme water use by around 86%, a saving equivalent to the annual water use of 4,804 houses. The plant supplies steam and electrical power directly to the BP Australia Kwinana Oil Refinery and electricity to Verge Energy.

Water Corporation Key Customer Relationships Manager, Max Viskovich said that IPM and Tiwest are important business customers and the Corporation looks for every opportunity to engage with them on improving their water management practices.

"The Kwinana industrial strip has reduced its annual scheme water use from 6.5 gigalitres to 3.5 gigalitres. Following upgrades to Tiwest's infrastructure further significant reductions in scheme water use are expected by late 2012."

Tiwest and IPM, along with other local water efficiency heroes will feature in Green Fingers, a new program airing on Channel 7 from 3 April 2011, every Sunday at 5.30pm.

## Helena Water to build Mundaring Water Treatment Plant

**On 21 February 2011 Water Minister Bill Marmion announced that Helena Water was the preferred consortium to fund, build and operate the new Mundaring Water Treatment Plant. The decision marks the start of the first fully fledged Public Private Partnership (PPP) in the Western Australian water industry.**

The consortia, which was one of two shortlisted for the competitive process by the Water Corporation, brings together a group with extensive experience and success in delivering various water environmental infrastructure projects and a very strong balance sheet. Helena Water comprises the Royal Bank of Scotland, Acciona Agua, United Utilities and Brookfield Multiplex.

Helena Water will fund and build the new plant, which will be commissioned in 2013. They will then run it for 35 years, after which it will be handed back to the Water Corporation in full operating condition.

The plant is at the heart of Mundaring Weir Water Supply Improvement Project and involves the construction of the new water treatment plant, a pump station and various pipelines.

Water from the plant will be produced to standards specified by the Corporation and used for the Goldfields and Agricultural Water Supply Scheme.

[Mundaring Weir Water Supply Improvement Project](#)

## Call for North West industry support

**Support for the establishment of two best practise waterwise demonstration gardens in Port Hedland and Karratha has been positive.**

The project will allow residents and industry to observe how to implement climate appropriate gardening for the North West Region. In the coming months, partnerships key stakeholders will be firmed up and the gardens will begin to take shape.

In investigating the possibilities for the demonstration gardens it became apparent that many garden maintenance contractors in the North West were unaware of the alternate day watering roster.

North West Regional Manager, Kerrie Chapman said that while overall community response to the sprinkler roster has been positive, some people are still not doing the right thing.

"Since 1 July 2010 a total of 573 people have been caught not complying with the watering roster, mainly in Karratha and Broome," she said.

Any commercial or residential customers that do not comply with the watering roster will be issued with an immediate infringement. To ensure they comply with the watering roster we encourage everyone to check their irrigation controllers.

In the North West, scheme water users can irrigate every other day, depending on the last digit of their house number.

[Find out your watering days](#)

## Groundwater Replenishment Trial Community Open Day



*The Hon Bill Marmion MLA Minister for Water and Water Corporation CEO Sue Murphy at the Community Open Day.*

**The Groundwater Replenishment Trial Community Open Day, held on Saturday 12 March 2011, attracted a crowd of over 250 people to the Advanced Water Recycling Plant in Craigie.**

Visitors were taken on guided tours of the plant and on-site visitor centre, exploring the water cycle, learning about water recycling and the groundwater replenishment process.

Built for the Groundwater Replenishment Trial, which began recharging recycled water into groundwater in November 2010, the facility is a key element of engaging with the Perth community about groundwater replenishment.

Community interest in the trial is high. In addition to the Community Open Day, 15 tour groups and close to 180 people have visited the plant since tours began in February 2011.

The trial is the first in Australia and involves treating recycled water to drinking water standards and recharging it underground.

[Book a tour or learn more about groundwater replenishment](#)