



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

### INTERNET ARTICLE

#### Water Recycling can be done

29 February 2016

Water recycling has the potential to save the government millions of rands that can be used for other projects. This came out during a workshop organised by the Water Research Commission (WRC) and Midvaal Water Company in Stilfontein, near Klerksdorp.

Water and Sanitation Acting Regional Head in North West, Dr Tseliso Ntili said that the Water Research Commission's findings were that the service providers in North West and across the country are well placed to deliver on water reuse within their local contexts.

"Water resource managers and planners have to look at alternative solutions going forward. The need to look into eccentric water sources such as desalination, ground water and rain water harvesting"

Dr Ntili added that the WRC would promote opportunities for water in the green economy. "The Department in partnership with all stakeholders will communicate the work of Water Research Commission across municipalities. We will disseminate relevant guidelines and tools emanating from the Water Research Commission," he said.

The commission's report says that South Africa can already reuse its water for agricultural, Industrial and domestic purposes. However, some waste water treatment plants are still battling with harsh chemicals, pharmaceutical products and personal care products.

Confirming this Dr Ntili said; water that can be reused for landscape irrigation of golf courses, parks, sports fields, commercial, office buildings and residential gardens. Industrial uses for instances air conditioning, laundry, car washing, heat dissipation, power generation and processing can utilise reused water.

Marina Kruger from Midvaal Water Company also shared the Midvaal Waste Water Recycle System. Midvaal Water Company was recently reported as the best performing water service provider in the Province by the Department of Water and Sanitation's Blue Drop report. The Company achieved 98% score in the 2014 assessment. She shared her company's waste water recycling system. "We have the best practices in recycling waste water. Water recycling not only saves water but also saves the company's costs. Treating water is expensive. We have saved around R2, 5m a year by recycling waste water," said Kruger.