

## Water and Sanitation in the News

### Cape Town commissions water works rehabilitation

Water Damage Services, the Nuflow licensee for the Western Cape, has started rehabilitation work – incorporating new technology – on the City of Cape Town's corroded pipes. The project, which started on 8 December 2014, aimed to cut the city's water loss as a result of corroded pipes by thousands of metric litres.

The non-invasive technology used compressed air to pull or push reinforced epoxy into position to rehabilitate the inner infrastructure of corroded pipes instead of excavating the building to gain access to the plumbing, explained Water Damage Services's Jerome Gray.



Picture: [Water Damage Services](#) (2014)

"This means that we now have the capability to replace plumbing from a truck parked outside of your dwelling and without chopping, digging or breaking your valuable assets. This process can be used to restore pipes consisting of metal, iron, steel, plastic, concrete and fiberglass," he explained.

Source: [Engineering News](#), 8 Dec. 2014

*Also in the news this week:*

### ***Creamer Media publishes Water 2014: A review of South Africa's water sector research report***

*A multitude of factors are impacting on the water sector at global and State level, including funding constraints, climate change, lack of institutional capacity, political issues and insufficient numbers of suitably skilled water professionals. Creamer Media's Water 2014 report considers the aforementioned issues, not only in the South African context, but also in the African and global context, and*

*examines the issues of water and sanitation, water quality and the demand for water, among others.*

Source: [Engineering News](#), 10 Dec. 2014

**WAMTechnology CC** is the sole supplier of the **Municipal Assistant™ system**. In our experience in implementing our system in **more than 50 municipalities** in South Africa and Zimbabwe, one of the major problems with the deterioration of infrastructure is lack of or the need of better operational asset management systems, maintenance scheduling and control, because of focus on asset register inventories and other financial requirements instead of operational needs.

WAMTech conducted and supervised numerous site visits since 2006 of: >200 waste water and water treatment plants; >300 reservoirs; >200 pump stations; and >700 km bulk pipelines; In order to: capture the asset information and conducting the asset assessments, to compile an inventory, to schedule reactive and preventative maintenance, conduct assessment (usage and condition as well as associated risks), clear cost and lifespan reporting, etc.

The **2014 asset module** has been developed since 2006 in close cooperation with municipalities with functionalities as required by **MIG (Municipal Infrastructure Grant)** and **GRAP17 (Generally Recognised Accounting Practice)**, as well as expanded to include operational aspects such as reactive and preventive maintenance. The functionality of the asset module, which has been approved by **UCLGA (United Cities and Local Governments of Africa)**, now includes an inventory setup according to GRAP 17 and MIG requirements and provides for the following: Asset register (all required fields); Asset assessments (usage, condition, risk); Reactive maintenance (scheduling, job cards, tracking, reporting, costing); Preventative maintenance (scheduling, job cards, tracking, reporting, costing); Cost and lifespan (auto calculation of lifespan and replacement and depreciated replacement cost 'today' based on the Price Index of SA)

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WAMTech are specialists in implementing technology systems for improved governance, focussing on Water and Public Health Information Systems

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