



INTERNET ARTICLE

DWS gives Hannes Van Niekek Waste Water Treatment Works an upgrade

26 March 2018

The West Rand Local Municipality is boasting an infrastructure upgrade after the Department of Water and Sanitation gave the Hannes van Niekerk Water Treatment Works (WWTW) much-needed enhancements to enable it to function optimally.

The overload of the infrastructure in the municipality will now be a thing of the past as the WWTW will work with ease in treating effluent from Randfontein.

The project was commissioned in 2012 after the Department of Water and Sanitation (DWS's) did a thorough examination to assess the capacity and sufficiency of the sewage treatment. The finding of the assessment was that the efficiency of the treatment was severely compromised due to a number of new developments in Westonaria and its surrounding regions.

From the outset it was clear that new developments, as well as the drive to provide waterborne sanitation in Gauteng would require a significant upgrade of the sewage treatment capacity in Westonaria.

The Hannes Van Niekek WWTW has been upgraded by 15MI/day from 22MI/day to 37 MI/d capacity. Experts believe this is enough capacity to address the infrastructure requirements for a 10-year design horizon.

The newly upgraded WWTW boasts modern designs and latest technologies that will assist in the treatment of effluent from Randfontein and the surrounding areas in the south of Johannesburg.

According to DWS's Project Coordinator, Mr Sefako Mamabolo, the project upgrade came at the right time as the Waste Water Treatment Works was struggling to cope with the increasing demand.

Mr Mamabolo said the project has benefited the local community through the provision of training, job creation and skills transfer.

"This project has capacitated a lot of local people on a number of aspects that deal with the socio-economic dynamics such as brick laying, roofing and plastering," said Mr Mamabolo.

Mr Mamabolo added that the WWTW was currently functional and was coping even under the extreme pressure of the new developments that are taking place in the areas.

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