



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

### INTERNET ARTICLE

#### Joburg water treatment facility nears completion

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The Johannesburg Water's Olifantsvlei Wastewater Treatment Works Module-3

*The upgrading and augmentation of the Johannesburg Water's Olifantsvlei Wastewater Treatment Works Module-3 in the southern part of the City of Johannesburg is finally nearing completion, according to the City.*

*The augmentation from the current capacity of 180 megalitres per day by 50 megalitres per day is intended to cater for increased growth in demand due to higher densification through population movement.*

*The process will also service an additional 50 000 new housing units including meeting the stringent treated effluent compliance standards to mitigate contamination of streams and rivers in the catchment area.*

*The upgrade costs are approximately R170 million and it will comprise of an activated sludge reactor, mixers aerators, recycling pumps, a flow divider, three clarifiers, a pump station, three electrical rooms, a monitoring building, inter-connecting pipe work, paved roads, storm water drains and cable trenches.*

*According to the Project Manager, Russ Dodding, the Olifantsvlei Wastewater Treatment Works treats water and sanitation from three areas in its catchment, including western parts of Soweto which are around the ever-expanding areas of Protea Glen extensions, southern and south-eastern parts of Johannesburg south, supporting the Turffontein "Corridor of Freedom", including Lenasia, around the newly-constructed sub-township Lehae.*



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*Lehae is experiencing a rapid expansion and growth. Construction commenced in October 2010 and is now 98% complete.*

*The Olifantsvlei Wastewater Treatment Works is one of six such facilities managed by Johannesburg Water. Through them, the municipal-owned entity treats all domestic sewage and industrial effluents released into sewers. Between them, they treat over 930 million litres of sewage daily.*

*As a result of the upgrading, the Olifantsvlei Wastewater Treatment Works was awarded 1st place by the Water Institute of Southern Africa (WISA) in its annual Isigidi Awards for the Best Operated Wastewater Treatment Works in the country.*

### **Ike Motsapi & Joburg News**

**Issued by the Department of Water & Sanitation**

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