



## **URGENT NOTICE**

### **Water Supply Interruptions**

**Wednesday, 25 October 2023**

**Subject: Magalies Water Implements Water Demand Management on Vaalkop Supply Scheme Due Increased Water Demand**

Magalies Water has noticed an increase in the consumption patterns on bulk customer meters on all of the Vaalkop Water supply schemes. This has resulted in the command reservoir levels experiencing a sharp decline therefore risking a sustainable bulk water supply to customers, which may collapse the scheme if not mitigated. Consequently, Magalies Water will be implementing water demand management in the Northern supply scheme mainly the Pilanesberg North Scheme (Lapatrie system), as it has already effected similar measures in the Southern supply scheme – Bospoort system. This is to ensure that bulk customers receive bulk water supply equitably.

#### **Northern Supply Scheme (Lapatrie System):**

The Northern supply system is operating at its maximum capacity however the command reservoirs are dropping and are now below 30%. High-lying areas may experience low pressure or water interruptions until the situation improves. The detailed schedule for water demand management will be shared in due course to ensure that inconvenience on the side of bulk customers is minimized.

#### **Southern Supply Scheme (Bospoort system)**

The Bospoort system has been operating at maximum capacity for a number of years and water demand management implemented has been in place for intermittently. Magalies Water has recently noted a decrease in the flowrate to the Bospoort reservoirs. These reservoirs are supplied through the High-lift Pumpstation 03, in the Vaalkop Water Treatment Works. Upon noticing the reduction in flow the technical team inspected the bulk pipeline for possible leaks and none were found. The Original Equipment Manufacturer (OEM) for the pumps was called in to do a thorough assessment on the efficiency of the pumps, to ensure that they were operating within the design parameters. The exercise was completed today on the 25 October 2023 and there has been an increase observed in the flow rate from the pump station by about 100 l/s.

Magalies Water is constantly monitoring the flow rates and continues to prioritize the supply to all its bulk customers. Notwithstanding the technical assessments conducted, against the increasing water consumption demand, the following consumers will be affected by the implementation of the water demand management in the scheme:

- Rustenburg Local Municipality area.
- Moses Kotane Local Municipality areas and Sun City
- Thabazimbi Local Municipality areas
- Royal Bafokeng Administration
- Mines operating in the above areas.

All Consumers are requested to use water conservatively during this period in order to prevent prolonged water supply interruptions. Magalies Water apologizes to customers for the inconvenience caused.

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