



# RAND WATER

HEAD OFFICE

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## MEDIA ADVISORY

18 May 2022

### **MINISTER OF WATER AND SANITATION VISITS RAND WATER'S STRATEGIC AUGMENTATION PROJECTS**

Rand Water will be hosting the Minister of Water and Sanitation - Honourable Senzo Mchunu on Thursday, the 19<sup>th</sup> of May 2022, to showcase the flagship project currently under construction. This project, when complete, will augment Rand Water's supply volumes and enhance operational flexibility for maintenance purposes. The Minister will be taken to the following strategic projects:

#### **Zuikerbosch Water Treatment Works – Station 5 System (600 M<sup>3</sup>/d Upgrade)**

The Zuikerbosch Station 5A is a newly constructed Water Purification Plant, located within the Rand Water Zuikerbosch Water Treatment Plant in Vereeniging. The Plant comprises of the following Work elements:

- Raw Water Abstraction from the Zuikerbosch Forebay through a pipeline.
- Spiral flocculators and associated chemical dosing plants (Lime, Silica and Organic coagulant) – for coagulation & flocculation.
- Horizontal flow sedimentation tanks with desludging bridges - for settling and removal of precipitates/dirty particles.
- Carbonation – pH Correction and/or stabilisation with Carbon Dioxide

- Rapid gravity sand filters – for removal of suspended matter
- Disinfection with Chlorine - for elimination of pathogenic organisms
- Engine room – for pumping potable water to consumers
- Outgoing pipelines connecting to the distribution network

The Station 5A will purify additional 600 Million litres per day which will augment the Zuikerbosch Water Supply capacity to the Palmiet and Mapleton Booster Stations. These Booster Stations feed the greater eastern and northern parts of the Gauteng Province.

The details of the Minister's visit to Rand Water and Media Briefing are as follows:

**Date: 19 May 2022**

**Venue: Zuikerbosch Water Treatment Plant (Three Rivers East)**

**GRPS Coordinates: S26'41.520**

**E28'00.061**

**Rand Water Zuikerbosch (Three Rivers East)**

**Time: 09h00 for 09h30**

**All media are invited.**