



**DEPUTY MINISTER  
WATER AND SANITATION  
REPUBLIC OF SOUTH AFRICA**

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## **OPENING REMARKS FOR DEPUTY MINISTER, HON. JUDITH TSHABALALA**

NCOP Provincial Week  
13 September 2023

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### **Salutations**

Chairperson of the NCOP,  
MEC for COGTA,  
MEC Human Settlement,  
Permanent Delegates,  
Members of Provincial Legislature  
Rooiwal Water Treatment Plant  
Departmental Officials  
City Tshwane  
City of Johannesburg  
Sedibeng  
Emfuleni  
Rand Water  
Trans-Caledon Tunnel Authority  
Relevant MMC's  
Portfolio Comm COGTA  
Portfolio Comm Human Settlement





The National Council of Provinces plays a pivotal role in addressing provincial interests within the framework of our parliamentary system. It is vital to recognize that our Constitution, particularly in the Bill of Rights, Section 27, places significant emphasis on the provision of water and sanitation services. These services are fundamental to the well-being and quality of life of our citizens.

Since the outbreak of cholera in the Hammanskraal areas and the subsequent visit by the President, His Excellency Cyril Ramaphosa, the Department of Water and Sanitation, under the leadership of the Minister, Honourable Senzo Mchunu, has made significant strides. Their efforts have not only curbed the cholera outbreak but have also been focused on ensuring the provision and supply of clean drinking water.

The Department, in collaboration with various stakeholders and partners, has been working tirelessly to improve the water and sanitation infrastructure in Hammanskraal, thereby enhancing the overall quality of life for its residents. This includes critical measures to prevent the recurrence of such health crises, reinforcing the commitment to the health and well-being of the community.

Today presentation by the Department will focus on initiatives that have been undertaken to ensure that the citizens of Tshwane have access to clean drinking water.





Our presentation here this morning will focus on the significant advancements achieved by the Joint-Technical Steering Committee in the implementation of the Hammanskraal Integrated Partnership and Intervention Support. This initiative holds paramount importance in addressing the pressing infrastructure challenges in Hammanskraal and improving the quality of life for its residents.

The foundation of our endeavor was laid in May 2023 when the Minister of Water and Sanitation, Mr. Senzo Mchunu, and the Executive Mayor of the City of Tshwane (CoT), Cllr. Cilliers Brink, entered into a foundational agreement principle. Under this agreement, several crucial principles were established and these include:

- i. The partnership between the Department of Water and Sanitation (DWS) and the City of Tshwane (CoT) to collaboratively manage a project aimed at rectifying the infrastructure issues in Hammanskraal.*
- ii. CoT's commitment to allocate a portion of its USDG (Urban Settlement Development Grant) allocations and reprioritize funding to bridge any financial shortfalls.*
- iii. A request to National Treasury for additional allocations to fully support the project's implementation.*
- iv. The appointment of a competent independent Implementing Agent (IA), which the Development Bank of Southern Africa (DBSA) is set to fulfill.*
- v. The formation of a Joint Steering Committee (JSC) jointly managed by DWS and CoT to oversee the project.*





- vi. *The implementation of the project in multiple phases, with initial emphasis on addressing pollution concerns originating from Rooiwal Wastewater Treatment Works (Rooiwal WWTW).*
- vii. *Engaging technical officials from DWS and CoT in comprehensive technical preparation work.*

The Rooiwal WWTW, consisting of three works built between 1950 and 1983, currently faces significant challenges in treating sewage with high COD loading. To address this issue and provide clean drinking water, we have initiated immediate interventions that will be executed over the next 3-6 months. These efforts aim to mitigate pollution from Rooiwal WWTW into the Apies River while ensuring the supply of clean and safe drinking water. The project's various phases will run concurrently over the next 8 months, with funding and technological interventions expected to be finalized by June 5, 2023, under the stewardship of Magalies Water Board (MWB).

The project's milestones are categorized into different phases, each with specific objectives and timelines. Phase 1 focuses on accelerating the completion of the Rooiwal WWTW project to improve effluent quality discharged into the Apies River. Phase 2 involves expanding Rooiwal WWTW's capacity and enhancing water quality supplied to the Temba Water Treatment Works (Tomba WTP). Phase 3 further increases Rooiwal WWTW's capacity and includes the upgrade and refurbishment of Temba Water Treatment Works.





Our presentation today provides a comprehensive overview of the progress made within these project phases. We will discuss the establishment and functioning of the Joint Steering Committee (JSC), consisting of key stakeholders such as DWS, CoT, Magalies Water Board, DBSA, COGTA, and Rand Water Board, which plays a pivotal role in driving the project's success.

Furthermore, we will delve into the institutional agreements and collaborative efforts that have been established to facilitate the project's implementation. CoT's collaboration with DBSA, the signing of the MOU, the appointment of DBSA as the Implementing Agent, and the subsequent Service Level Agreement (SLA) are vital components of this initiative.

The presentation will also shed light on the milestones achieved in the first phase of Rooiwal WWTW, highlighting key activities and their current status. This phase's goal is to expedite the completion of the project, reducing sewer spillage and enhancing effluent quality into the Apies River.

In summary, our presentation today will offer a comprehensive overview of the progress made in addressing the infrastructure challenges in Hammanskraal. We aim to keep you informed about the significant strides taken by the Joint-Technical Steering Committee and the collaborative efforts of all stakeholders involved in this critical project. Thank you for your attention, and we look forward to sharing the achievements and future plans of this vital initiative.





Continuing our progress report on the Hammanskraal Integrated Partnership and Intervention Support, we now turn our attention to the activities related to the Package Plant at Klipdrift Water Treatment Works (Klipdrift WTW), Rooiwal Wastewater Treatment Works (Rooiwal WWTW) Phases 2 & 3, and the Upgrade & Refurbishment of Temba Water Treatment Works (Temba WTW).

**Package Plant at Klipdrift WTW Activities:**

- **Preliminary Scoping Report for the Construction of the Package Plant by Magalies Water through existing panel PSPs:**
  - Start Date: May 25, 2023
  - End Date: June 1, 2023
  - Status: Done
- **Alignment and Technical Configuration of the Package Plant and CoT supply system:**
  - Start Date: June 15, 2023
  - End Date: June 27, 2023
  - Status: Done
- **Amendment of the agreement between Magalies Water and CoT for additional system input volume (Additional Water Supply):**
  - Start Date: June 25, 2023
  - End Date: June 27, 2023
  - Status: Pending
- **Funding Engagement Application to DBSA by Magalies for front-end loading:**
  - Start Date: June 15, 2023





- End Date: September 30, 2023
- Status: In progress
- **Part Funding of an estimated R250 million of Magalies Water by DWS to start the implementation of the Package Plant:**
  - Start Date: June 25, 2023
  - End Date: July 30, 2023
  - Status: Pending
- **Detailed Designs, Procurement Processes for the 1st Unit of the Package Plant:**
  - Start Date: August 1, 2023
  - End Date: September 1, 2023
  - Status: To Be Confirmed (TBC)
- **1st Unit and Construction Phase of the Package Plant:**
  - Start Date: October 1, 2023
  - End Date: March 1, 2024
  - Status: TBC

This project involves the provision of an alternative water source through the emergency construction of a 30-40 Ml/day package plant at Klipdrift WTW. The implementation will occur in a phased approach, with units of 10 Ml/day at a time. The project's schedule may undergo revisions based on funding provision dates by the Department of Water and Sanitation (DWS) and additional funding loans from the Development Bank of Southern Africa (DBSA). DWS is expected to issue a funding confirmation letter to Magalies Water by July 30, 2023, following internal processes in line with National Treasury (NT) provisions.





## **Rooiwal Wastewater Treatment Works (Phase 2 & Phase 3) Activities:**

### **Phase 2:**

- **Scoping Report and Engineering Design of Rooiwal's integrated Phase 2/3:**
  - Start Date: November 30, 2023
  - End Date: June 30, 2024
  - Status: Pending
- **Preliminary Designs of Phase 2/3 and development of Procurement Strategy:**
  - Start Date: January 31, 2024
  - End Date: June 30, 2024
  - Status: Pending
- **Feasibility Studies, Cost-Benefit Analysis, and preliminary funding alignment for Phase 2/3 (National Treasury to Champion the process):**
  - Start Date: September 30, 2023
  - End Date: June 30, 2024
  - Status: Pending
- **Detailed Technical and Engineering Design Review of Phase 2/3 and development of construction activity program by the Implementing Agent:**
  - Start Date: July 30, 2024
  - End Date: August 31, 2024
  - Status: Pending
- **Contractor Procurement and commencement of Phase 2/3:**







- Start Date: August 30, 2024
- End Date: September 30, 2024
- Status: Pending

### **Phase 3:**

- **Completion and commission of Phase 2 & 3 - Construction of Rooiwal WWTW:**
  - Start Date: October 1, 2024
  - End Date: June 31, 2026
  - Status: Pending

### **Additional Information:**

- Phase 2 involves upgrading Rooiwal WWTW by a further additional 50 ML/day and addressing the desilting of sludge at Leeuwkraal Dam.
- Phase 3 involves upgrading Rooiwal WWTW by an additional capacity of 80 ML/day (Phase 2).
- The Joint Steering Committee (JSC) is considering combining Phase 2 and Phase 3 into one phase for ease of implementation and cost efficiency.
- Funding from National Treasury (NT) and other sources will be considered for Phase 2/3.
- Phase 2/3 will align with the dredging of Leeukraal Dam to reduce sludge sedimentation, which directly impacts the quality of water abstracted by Temba Water Treatment Works.
- The scope for Rooiwal WWTW includes the use of technology to improve effluent quality into the Apies River, as well as sludge dredging of Leeukraal Dam.

### **Upgrade & Refurbishment of Temba Water Treatment Works Activities:**





## **Phase 1:**

- **Scoping Report and Engineering Design of Temba WTW:**
  - Start Date: November 30, 2023
  - End Date: June 30, 2024
  - Status: Pending
- **Preliminary Designs of Phase 2/3 and development of Procurement Strategy:**
  - Start Date: January 31, 2024
  - End Date: June 30, 2024
  - Status: Pending
- **Feasibility Studies, Cost-Benefit Analysis, and preliminary funding alignment for Temba WTW with other scoping activities, e.g., dredging of Leeuwkraal Dam (National Treasury to Champion the process):**
  - Start Date: September 30, 2023
  - End Date: June 30, 2024
  - Status: Pending

## **Phase 2:**

- **Detailed Technical and Engineering Design for upgrades and refurbishment of Temba WTW:**
  - Start Date: July 30, 2024
  - End Date: August 31, 2024
  - Status: Pending
- **Contractor Procurement and commencement of upgrades and refurbishment works:**





- Start Date: August 30, 2024
- End Date: September 30, 2024
- Status: Pending

**Phase 3:**

- **Completion and commission of upgrades and refurbishments at Temba WTW:**
  - Start Date: October 1, 2024
  - End Date: June 31, 2026
  - Status: Pending

The upgrade and refurbishment of Temba Water Treatment Works aim to improve the treatment process and the quality of final drinking water. The Joint Steering Committee (JSC) will align Temba WTW upgrades with the dredging/desilting of sludge at Leeukraal Dam and component upgrades of Rooiwal WWTW. The scope also includes using technology at Rooiwal WWTW to enhance effluent quality into the Apies River.

In conclusion, this comprehensive update on the Hammanskraal Integrated Partnership and Intervention Support showcases the ongoing and planned activities in various phases of the project. We remain committed to addressing infrastructure challenges in Hammanskraal and improving the quality of life for its residents. Thank you for your attention and support in this critical endeavor.





**THE END.**

