# Thembisile/Loskop Regional Bulk Water Supply Project

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| **Project Description** | | | |  | **Project Phase** | | | | | **Construction Phase 2** | | | |
| Scope of works   * Construction of 20 Ml/ Day Raw Water Abstraction Works. * Construction of 40 km Long 600mm Nominal dia. Raw Water Pump Main. * Construction of Booster Pump Stations along the 600mm dia. Raw Water Pump Main. * Construction of 20 Ml/ Day Water Treatment Plant in Verena D. * Construction of a Clear Water Pump Station in Verena D. * Construction of 3km Clear Water Pump Main from the Pump Station to the Command Reservoir. * Construction of 2 x 10 Ml Command Reservoirs in Verena D. * Construction of 30 km of Bulk Distribution Pipelines to Various Reservoirs (600mm, 315mm, 250mm dia.). | | | | **Project Implementation Start** | | | 2014 | | **Project Implementation Completion** | | | 2023 |
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| **Project Schedule for Feasibility Study** | | | | | | | | |
| **Key Milestones\*** | | | | **Planned** | | | **Actual/ Revised** | |
| Package 1: Construction of an abstraction, 40km raw water pumping main to Verena and 4x booster pump stations | | | | 18 April 2022 | | | 18 April 2025 | |
| Package 2 & 3: Construction of 20ML Water Treatment Plant in Verena D, construction of 3km clear water pumping main to command reservoir | | | | 7 June 2022 | | | 7 December 2024 | |
| **Percentage Progress** | | | **0%** (still on tender stage) |
| **Summary Progress** | | | | Package 4: Construction of 2X 10ML command reservoirs in Verena | | | | The project phase duration is estimated to be 24 months, to ensure alignment and avoid redundance of infrastructure.This phase is proposed to start **March 2023** and completion will thus be in April 2025. | | | | |
| Appointment of Nkangala District Municipality as an Implementing Agent: **Done**  Feasibility Study: **Completed**  Implementation Readiness Study: **Completed**  Environmental Authorization: **Completed**  Water Use License Authorization: **Partially completed as 11.4ML approved against the required 20ML.** The additional 8.6ML is still pending.  Wayleaves (for construction of pipeline): **Obtained from both Mpumalanga and Limpopo Provincial Department**  Package 1: Construction of an abstraction, 40km raw water pumping main to Verena and 4x booster pump stations is at **Tender Stage-**Bids Closing on 18 February 2022  Package 2 & 3: Construction of 20ML Water Treatment Plant in Verena D, construction of 3km clear water pumping main to command reservoir is at **Design Stage:** Review of designs by DWS Engineers. Tender Advert Planned for 22 February and bids expected to close on 24 March  Package 4: Construction of 2X 10ML command reservoirs in Verena at **Design Stage:**  Designs referred by DWS to Implementing Agent for correction  Package 5: Construction of 30 km of Bulk Distribution Pipelines to Various Reservoirs at **Design Stage:**  Designs referred back by DWS to Implementing Agent for correction | | | | Package 5: Construction of 30 km of Bulk Distribution Pipelines to Various Reservoirs | | | | The project phase duration is estimated to be 18 months, to ensure alignment and avoid redundance of infrastructure. This phase is proposed to start **September 2023** and completion will thus be in April 2025. | | | | |
| **Project Expenditure** | | | | | | | | |
| **Estimated Total Cost at Completion** | | | | | | R 922 million | | |
| **Total Expenditure to Date** | | | | | | R 12,5m (design stages for all phases) | | |
| **% Expenditure to Date** | | | | | | 1.4% | | |
| **Approved Budget** | | R25 million (current FY) | | | | **Revised Budget** | |  |
| **Month Projected** | | No contractor fees yet | | | | **Month Actual** | |  |
| **Cum Projected** | |  | | | | **Cum Actual** | |  |
| **% of Variation to baseline projection** | | | | | | None | | |
| **Key Risks / Issues** | | | | | | | | | | | | | |
| **No.** | **Risk Description** | | | | | | | | | | | | |
| Delays in terms of the appointment of contractors will impact on project budget due to escalation on materials and other services. | | | | | | | | | | | | | |
| **Root Causes of the Risk** | | | | | | **Mitigation Strategy or Management Actions for Resolution** | | | | | | | |
| 1 | | Delays in obtaining of works permit from Department of Labour | | | | Engage Department of Labour (Middelburg office) to consider fast-tracking evaluation of the application | | | | | | | |
| 2 | | Over subscription of water allocation in the Olifants Catchment | | | | Implementation of verification and validation of water use in order to address historic inequities. | | | | | | | |
| 3 | | Disruption by Community and Local Business Forums (Protest) | | | | Establishment of Project Steering Community between Mpumalanga and Limpopo as the pipeline encroaches Limpopo boundaries to discuss method of employment of local communities and subcontracting of local businesses | | | | | | | |
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| **Concluding Remarks** | | | | | |
| None | | | | | |

# Responsible Deputy Director General: Thoko Sigwaza