# 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 2022Package 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 MarchPackage 4: Construction of 2X 10ML command reservoirs in Verena at **Design Stage:**Designs referred by DWS to Implementing Agent for correctionPackage 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