

Thembisile Hani Local Municipality



Loskop Regional Bulk Water Supply Project Profile and Progress Report

- Project Name = Loskop Regional Bulk Water Supply Scheme.
- Project Sponsor (Client) = Department of Water and Sanitation.
- Implementing Agent = Nkangala District Municipality.
- Beneficiary = Thembisile Hani Local Municipality.
- Brief Description: Abstraction of 20 MI/ Day at the Loskop Dam, transporting it through bulk pipelines that are inclusive of Pump Stations, purifying the water in Verena D (where the Water Treatment Works will be situated), and supplying it to various supply schemes in THLM.
- Areas to Benefit: THLM.
- Background and Impact: THLM has been engulfed with extreme water shortages and has been solely dependent on two bulk water suppliers, namely Rand Water and the City of Tshwane (CoT). Rand Water supplies THLM with 32 MI/ Day, while the CoT is contractually mandated to supply 16.6 MI/ Day, which has not been the case given their sporadic supply to the Municipality, while on many other occasions there is no supply at all. The Bundu Water Treatment Works is THLM's first bulk water plant which came into the system recently, and is currently supplying the Municipality with 7.5 MI/ Day. With that mentioned, the total demand for THLM is 99 MI/ Day, while the total supply is currently measured at 51.17 MI/ Day, thus amounting to a total shortfall of 47.83 MI/ Day. Thus, Loskop will augment the current shortfall with 20 MI/ Day, and its supply will be across three schemes is THLM, namely the Verena Water Scheme, Tweefontein Water Scheme, and Kwaggafontein Water Scheme.
- Total Estimated Project Cost (including Engineering Fees) = R 1.8 Billion.
- Commencement Date = 22 January 2023.
- Planned Completion Date = 30 November 2025.
- Overall Construction Progress = 57%.
- Jobs Created to Date = 422 (153 at Work Package 1, 161 at Work Package 2, 72 at Work Package 3, 7 at Work Package 4, and 29 at Work Package 5).
- Sub-Contractors Appointed to Date = 107 (29 at Work Package 1, 29 at Work Package 2, 33 at Work Package 3, and 16 at Work Package 5).

Work Packages	Description	Consulting Engineers	Contractor	Contract Amount	Progress	Duration (Months)
WP 1	20 MI/ Day Raw Water Abstraction Works, Gravity Main, Pipeline to Pump Station (PS) 2, PS 1 and 2, and Moutse Water Scheme.	Endecon Ubuntu	Mpfumelelo Business Enterprise	R 413 783 382.00	38% construction progress	18
WP 2	Bulk Pipeline from PS 2 to Verena, PS 3 and 4, 10 MI Raw Water Reservoir, Gravity Main from 10 MI RW Reservoir to the Water Treatment Plant (WTP).	Endecon Ubuntu	Unik-Diphatse JV	R 475 614 311.31	74% construction progress	24
WP 3	20 MI/ Day WTP in Verena D, and Gravity Main to the 2 x 10 MI Command Reservoirs.	Endecon Ubuntu	JCP JV Kgotso Mokone Traders	R 381 178 627.73	48% construction progress	24
WP 4	2 x 10 MI Command Reservoirs in Verena D.	Monde Consulting	Azra JV	R 55 000 000.00	33% construction progress	22
WP 5	30 km of Bulk Distribution Pipelines to Various Reservoirs (600mm, 315mm, 250mm dia)	Monde Consulting	Axton Matrix/ MIS JV	R 186 213 380.88	90% construction progress	18

Work Package 1 – Pump Station:



Work Package 2 – 10 MI Raw Water Reservoir:



Work Package 3 – Water Treatment Works:



Work Package 4 – 2 x 10 MI Command Reservoirs:



Work Package 5 – Bulk Pipeline Valve Chambers:

