

CHATSWORTH BULK WATER UPGRADES AND NEW 5ML RESERVOIR

PROJECT SUMMARY

The Chatsworth/Riverlands Bulk Water Supply Upgrade is a municipal infrastructure project initiated by Swartland Municipality to ensure reliable long-term potable water supply to the growing communities of Chatsworth, Riverlands, and surrounding future housing developments. Current supply from the Kleindam reservoirs in Malmesbury is constrained and unable to meet projected demand associated with more than 5,200 planned residential units. The project proposes the construction of a new 6.3 km long, 355 mm diameter bulk water pipeline from the City of Cape Town's Pella Reservoirs directly to the Chatsworth Reservoirs. The gravity-fed pipeline will deliver peak future demand of up to 84 l/s, significantly reducing pressure on the existing Swartland bulk distribution system.

PROJECT STATUS



The project is in the pre-construction phase, with:

- Preliminary design completed
- Environmental and detailed design processes are underway
- Construction scheduled to begin in 2027 following approvals and tendering

The project is on track according to the planned implementation programme.

FINANCIAL NEEDS



Approximate value: R54.5 million.

The project includes valves, flow control infrastructure, and provision for future network expansion. Funding will be sourced from the Municipal Infrastructure Grant (MIG) and municipal contributions.

PUBLIC/PRIVATE SECTOR OPPORTUNITY



The Chatsworth/Riverlands Bulk Water Supply Upgrade and new reservoir acts as a catalyst project, enabling both the public and private sectors to collaborate on housing delivery, economic development, infrastructure expansion, and local job creation. The project unlocks long-term investment potential while addressing immediate service-delivery needs in historically underserved communities.

KEY PARTIES



- Swartland Municipality – Implementing Agent
- Civil Engineering Services Directorate – Swartland Municipality
- Municipal Infrastructure Grant (MIG) – Funding Partner
- City of Cape Town (Pella Reservoirs) – Bulk Water Source Provider
- Professional Service Providers (PSPs)
- Contractors (To Be Appointed)
- West Coast District Municipality (WCDM) – Bulk Water Services Provider (Regional)
- Local Communities (Chatsworth, Riverlands, Kalbaskraal)

TIMELINE



Pre-Implementation Phase

- Preliminary Design Completed
- Environmental Authorisation – due Mar 2027
- Detailed Design Approval – due Mar 2027

Procurement Phase

- Tender Advert & Award – due June 2027

Construction Phase

- Construction Start – Jul 2027 (24 months) to Jun 2029. All bulk works on the 6.3 km pipeline and associated infrastructure to be completed by this date.

Close Out Phase

- Final Payment & Retention Release – Jun 2030

MAP OF THE PROJECT

