

# POLIHALI DAM

## LOCATION

The dam is planned for construction just downstream of the confluence of the Khubelu and Senqu Rivers in Lesotho.

## DESCRIPTION

The Lesotho Highlands Water Project (LHWP) Phase 2 includes the construction of a 165 m<sup>3</sup> capacity dam at Polihali, in the Mochotlong district. This new dam would consist of two major reservoirs, enclosed by a 145-m-high dam wall. Polihali Dam will be connected to Katse Dam via a transfer tunnel. Water transferred from Polihali to Katse will contribute to the bulk transfer of water to the Vaal River basin via the Ash River. Construction is expected to start in 2012, with water transfer estimated to begin in 2018/19.

## PURPOSE

The Muela Hydropower Station in Butha-Butha will also be expanded to generate more electricity for Lesotho and South Africa as well as water supply to South Africa. Muela Hydropower Station's electricity generating capacity will be increased from the current 72 MW to 1 000 MW. Polihali Dam is expected to be completed in 2017.

## PHYSICAL INFORMATION

Dam name	River	Quaternary catchment	FSC* (million m <sup>3</sup> )	SA (km <sup>2</sup> )	Owner	Wall height (m)	Wall length (m)
Polihali	Khubelu/Senqu	Unknown	2 200	Unknown	Lesotho	165	Unknown



The site of the proposed Polihali Dam

