Project

Feasibility Study for the Proposed Ozwathini Bulk Water Supply Scheme Incorporating the Sikoto Dam

Location

Ozwathini, uMgungundlovu and Ilembe District Municipalities
Kwa-Zulu Natal, South Africa

Client

Umgeni Water

Project Manager

D. Still

Project Value

Feasibility study value
R 500,000

Date Completed September 2010

Brief Description

Partners in Development were contracted by Umgeni water to update the original feasibility studies for the Ozwathini Water Project done by PID in 1996 and 1998. The key objectives of this update were to:
- Updated the demand estimations
- Update the hydrological assessment of the dam site
- To re-evaluate the design options and costing
- To re-evaluate the lifecycle costs for the project including operations and maintenance

The proposed Scope of works for the construction phase is as follows:
- Access road
- Sikoto Dam (41m high)
- Water Treatment Works (7 Mℓ/day)
- 7 km of 324 mm steel rising mains with two pump stations

Estimated construction value
R 180 Million

PID REF: 511