

PROJECT FACTS & FIGURES

Project name: KLEIN MANASSE WATER SUPPLY
Project code: C-SKLE108
Project area: Klein Manasse Border Post, Karas Region
Project objective: Develop infrastructure to supply water to the Klein Manasse Border Post and other users.

Executing Agencies

Planning: Alexander Becker cc Consulting Engineers (*Pre-project*)
Geo-hydrology: Bittner Water Consult cc (*Pre-project*)
Van Rhyn Drilling (*Pre-project*)
M&E Engineering Design: M&E Engineering (NamWater)
Civil Engineering Design: Civil Design (NamWater)
M&E Installation: M&E Engineering (NamWater)
Civil Construction: Mr. P Schnitter
Project Management: Fixed Asset Management (NamWater)

Scope of Work:

- Installation of two existing boreholes with submersible borehole pumps complete with electrical switchgear.
- Power supply contract with the power supply service provider.
- Construction of a 4 km long pipeline from the boreholes to the elevated reservoir.
- Construction of two off-takes for other users en route.
- Upgrading and renovation of the existing elevated reservoir at the Border Post.
- Installation of a sales water meter and other instrumentation.
- Installation of a telemetry and control system for remote operation of the scheme.

Design capacity of scheme: 20 m³/day

Commissioning date: November 2009

Project Financing Agency: Government of Namibia

Project Cost: N\$ 870,000.00 (excl. VAT)
[only infrastructure development excl. boreholes]