

PROJECT FACTS & FIGURES

Project name: OPUWO TREATMENT PLANT

Project code: C-NOPU207

Project area: Opuwo, Kunene Region

Project objective: Upgrade and automate the Opuwo Water Scheme and improve the quality of the water supplied to the Opuwo Town Council from Group D (NTU 50-100; Total Hardness 1100 mg/l) to Class A (NTU < 1; Total Hardness < 300 mg/l)

Executing Agencies

Planning:	Infrastructure Planning (NamWater)
Process Design:	Water Treatment Services (NamWater) Aqua Services & Engineering (Pty) Ltd
M&E Engineering Design:	M&E Engineering (NamWater) Aqua Services & Engineering (Pty) Ltd
Civil Engineering Design:	Civil Design (NamWater) Aqua Services & Engineering (Pty) Ltd
M&E Installation:	M&E Engineering (NamWater) Aqua Services & Engineering (Pty) Ltd
Civil Construction:	Aqua Services & Engineering (Pty) Ltd
Project Management:	Fixed Asset Management (NamWater)

Scope of Work:

- Replace obsolete switch gear of the existing five boreholes with new generation units
- Replace the existing booster pump sets and switch gear with new units
- Refurbish booster pump house
- Landscape NamWater site
- Power supply contract with the power supply service provider for new treatment plant
- Construction of membrane water treatment plant (nanofiltration & reverse osmosis) complete with operational building, chemical storage and laboratory
- Installation of a control system and telemetry SCADA system for the remote operation of all components of the scheme.

Design capacity of scheme: 50 m³/day

Commissioning date: November 2009

Project Financing Agency: Government of Namibia

Project Cost: N\$ 5,360,000.00 (excl. VAT)