

PROJECT FACTS & FIGURES

Project name: MILE 6 DESALINATION PLANT: EIA & EMP
Project code: C-SCND108
Project area: Swakopmund, Erongo Region.
Project objective: Obtain environmental clearance from the Ministry of Environment and Tourism for construction and operation of the Mile 6 Desalination Project.

Executing Agencies

Environmental Services: Water Quality and Environmental Services (NamWater)
Council for Scientific and Industrial Research, South Africa

External Review: Southern African Institute for Environmental Assessment, Namibia

Project Management: Fixed Asset Management (NamWater)

Scope of Work:

The infrastructure components to be addressed in the Mile 6 Desalination Project were:

- ❖ Sea water abstraction facility
- ❖ Sea water reverse osmosis desalination plant with an output of 25 Mm³/a (80 MI/day)
- ❖ Brine disposal system
- ❖ Balancing reservoir
- ❖ Pump house complete with pumping equipment
- ❖ Transfer pipeline to the border of the Swakopmund town lands
- ❖ Power supply to Mile 6

The following work packages were executed:

- Scoping Study
- Environmental Impact Assessment (EIA)
- Environmental Management Plan (EMP)
- External Review of the EIA and EMP Reports
- Application for and approval of the Environmental Clearance

Completion date: March 2010

Project Financing Agency: NamWater

Project Cost: N\$ 1,751,000.00 (excl. VAT)