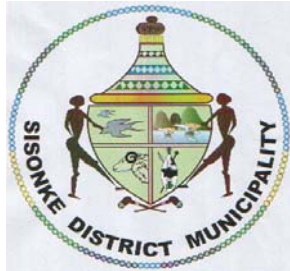


# **PROJECT PROFILE: NOKWEJA COMMUNITY WATER SUPPLY PROJECT**



## **SISONKE DISTRICT MUNICIPALITY**

### **NOKWEJA COMMUNITY WATER SUPPLY PROJECT**

PROJECT NAME	: NOKWEJA COMMUNITY WATER SUPPLY
COMMENCEMENT DATE	: November 2004
COMPLETION DATE	: December 2006
DURATION	: 26 months

#### **BACKGROUND:**

At Nokweja there are two distinct areas separated by agricultural land. The main Nokweja area has the Umzimkulu River as the southern and western boundary, the Ncalu River as the eastern boundary and agricultural land as the northern boundary. The second area, Carisbrooke, lies 7km to the north and is completely surrounded by agricultural land.

#### **PROJECT LOCATION**

The Nokweja Community Water Supply Scheme (CWSS) is situated 14km from Ixopo along the Umzimkulu road. The project falls within the boundaries of the Sisonke District Municipality

#### **PROJECT OBJECTIVES:**

A business plan for the project was submitted in February 2002 and the business plan was approved in April of the same year. The planned scope of work was to allow for the construction of water reticulation schemes to the communities of Nokweja and Carisbrooke. The main aim of the project being to provide the communities with access to water to within two hundred meters of their homes.

The construction contract was awarded in November 2004 and the contract value is R 12 888 128.75 including VAT, 8% contingencies and 5% escalation.

The project is aimed at serving the community and the community involvement and participation in the project is dominant to its success.

The population of the main project area is 11 326 and Carisbrooke has 756 inhabitants. Allowing for water losses the demands for Nokweja and Carisbrooke are 816 kl/day and 54 kl/day respectively. In Carisbrooke there are on average 6.4 homes per tap and in Nokweja there are on average 6.2 homes per tap.

## **SCOPE OF WORKS**

The scope of work for the project entails the following:

260 public taps on the main site and 17 taps in Carisbrooke.

4 bulk reservoirs in sizes 900kl, 300kl, 120kl, 40kl (Carisbrooke)

19 break pressure tanks in sizes 5kl to 70kl

One borehole will be equipped in Webbs Town. This is for construction only as there is insufficient yield to supply the project's needs.

One abstraction well on the Umzimkulu river.

One Water treatment works near the Umzimkulu river including main pump station.

One booster pump station at St Alois.

Carisbrooke uses a small weir in a stream and the water is gravity fed to the reservoir.

In Carisbrooke there is no filtration; only chlorination.

The pipe lengths on the main site are:

8350m of rising mains. The biggest pipe is a 160mm.

5760m of bulk reticulation.

72000m of secondary reticulation.

The total pipe length in Carisbrooke is 5000m.

Four water offices (including one in Carisbrooke).

## **STAKEHOLDERS**

The project will be implemented by the Sisonke District Municipality and will implement the project using Municipal Infrastructure Grant funds.

The Project Team consists of:

Project Steering Committee	: Established at start of project.
Technical Consultant	: Partners in Development
Social Consultant	: Vukuzake Development Services
Contractor	: NRB Construction

## **BUDGET**

The budget for the construction contract was awarded in November 2004 and the contract value is R 12 888 128.75 including VAT, 8% contingencies and 5% escalation.