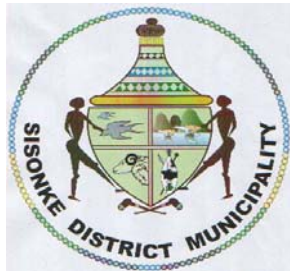


# **PROJECT PROFILE: EBHAYI WATER PROJECT**



## **SISONKE DISTRICT MUNICIPALITY**

### **EBHAYI WATER PROJECT**

|                   |                        |
|-------------------|------------------------|
| PROJECT NAME      | : Ebhayi Water Project |
| COMMENCEMENT DATE | : November 2004        |
| COMPLETION DATE   | : December 2005        |
| DURATION          | : 13 months            |

### **BACKGROUND:**

The Ebhayi Community was previously served by two no. borehole handpumps, local springs and streams. Funding was made available to Sisonke District Municipality by DTLGA as part of CMIP and DWAF (now MIG). The Ebhayi Water Project is one of the infrastructure development projects identified to improve the lives of the residents of the village.

### **PROJECT LOCATION**

The project area is located approximately 14 km north of the town of Highflats. The village is situated within the jurisdiction of Sisonke District Municipality in the Province of KwaZulu Natal. Access to the community is passing through the centre of Highflats village one turns right at the St Faiths road, after travelling 10.3 km along this road one turns left onto the gravel road which is 3.2 km passing through Erith Trust and kwaBhidla before entering the project area.

Ebhayi village is sub-divided into five sub-wards, namely Emasomini, Fayedwa, Ebhodweni, KwaShinga and Ebhayi.

## **PROJECT OBJECTIVES:**

The scheme was designed to RDP standards, which is aimed at supplying 20 to 30 litres per person per day of clean, safe water within 200 metres walking distance of all households.

## **SCOPE OF WORKS**

The scheme was designed to RDP standards, which is aimed at supplying 20 to 30 litres per person per day of clean, safe water within 200 metres walking distance of all households.

The following infrastructure was constructed as part of this project:-

- 2 x 100 kl concrete reservoirs;
- 1 x 55 kl concrete reservoir;
- 1 x 15 kl concrete reservoir;
- 1 x 10 kl concrete reservoir;
- 1 x 7.5 kl concrete reservoir;
- 1 x 10 kl elevated reservoir;
- 2 x Booster pump houses equipped with electric water pumps;
- 2 x Boreholes equipped with electric borehole pumps;
- 1 x Water office;
- 1850m of rising mains;
- 7800m of bulklines;
- 13 400of reticulation lines; and
- 52 Tapstands.

Water will be pumped up to the 2 x 100kl reservoirs from the two boreholes and will be distributed to the other reservoirs by gravity and then distributed to the tapstands by means of gravity.

Water is then pumped from the 55kl reservoir to the 10kl elevated reservoir at Kwa-Shinga and then distributed to the community of Kwa – Shinga.

Water can also be pumped from the Ebhayi Scheme Erith Trust should the water source prove to be insufficient.

## **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.     |
| Engineering Consultants    | - Makhaotse, Narasimulu and Associates |
| ISD Consultants            | - Igagasi Social Consultants           |
| Contractors                | - ADZ Construction                     |

## **BUDGET**

The budget approved project budget is:

Total Budget : R 7 588 764.00  
Construction Budget: R 6 526 337.04  
Consultant Budget : R 1 062 426.96