

## **SUMBAWANGA URBAN WATER AND SEWERAGE AUTHORITY.**

### **Introduction**

The Sumbawanga Urban Water Supply and Sewerage Authority is a legally established entity responsible for the overall operation and management of water supply and sewerage services in Sumbawanga town.

The present population in Sumbawanga town is estimated at 90,000 and the estimate water demand is 9000m<sup>3</sup>/day. The population is expected to grow to 210,000 by the year 2025 at a growth rate of 4%. The corresponding water demand in the year 2025 is estimated at 28,600m<sup>3</sup>/day.

### **Water sources**

The existing water sources in Sumbawanga Urban Water and Sewerage Authority include small rivers, ground water, springs and rainfall. So far Sumbawanga town is served with water by gravity from six small rivers located in Mbizi natural forest about 10km east of the town. In addition there are 17 public boreholes of which three are fitted with small electric pumps and the rest operate by hand pumps.

The existing surface water sources in Mbizi Hills cannot meet the present and future water demands. The present average water production is 6000m<sup>3</sup>/day in the wet season and 2000m<sup>3</sup>/day in the dry season.

There are several small streams around Sumbawanga Urban area but all of them have got low yield during the dry season.

### **Plans for Development of Water sources to meet future water Demands 2015-2025.**

A feasibility study will be conducted so as to identify feasible water sources and make designs of the proposed water supply systems. Based on the Feasibility Study Report and Designs, efforts will be carried out to solicit funds for developing the water systems so as to meet the water demands of 2015 to 2025.

### **Sewerage System**

Sumbawanga has no sewerage system. People in Sumbawanga depends on site sanitation.