Essence of the AmaDrum Project

AmaDrum, is a storage and purification system suitable for households that do not have access to treated water. Water collected from raw water sources (even communal water sources) can be treated and stored in a user-friendly manner.

- Provides safe drinking water for rural communities where a healthy water supply is unavailable
- Reduces suspended solids, turbidity, microbiological contaminants, colour, odour and bad taste in water
- Through disinfection, the AmaDrum reduces the risk of diseases such as gastroenteritis, dysenter y, diar rhoea, cholera etc.
- Provides rural communities, without electricity, healthy drinking water.
- Provides a sustainable source of income to local entrepreneurs

CSIR developed this household water treatment plant, which provides an appropriate quality solution to rural communities through simple technologies ensuring a sustainable potable water supply. Healthy water improves the quality of people's lives.

This is a technology which complements the water supply service implemented by the Department of Water Affairs and Forestry (DWAF), through reaching out to the remote rural areas. It also serves as an interim measure during the rehabilitation of water schemes.

The CSIR Environmentek and the Department of Health in the Eastern Province launched the AmaDrum project in the Mgwali, Hluleka and Libode areas, in 2002 and 2003.

The AmaDrum Project

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