

Package Plant for Potable Water

VILLAGE OF UMKATTI (SUDAN)

The Umkatti village is situated in Sudan north to the town Omdurman, close to the river Nile. The existing old treatment plant for drinking water did not work since long time and the people suffered from untreated muddy river water.

The special situation at this area is the very high content

Drinking Water from Rivers and Lakes

of turbidity in the river water especially in times of flood.

MENA-Water was asked to solve the problem with installing a complete solution

containing all treatment steps.

The designed potable water package plant is completely prefabricated in the MENA-Water workshop and installation at site was possible with minimum of civil work. This enabled the very short realization time.

The startup of the plant was in October 2008.



PROJECT DATA

- pump pontoon floating in river
- presettler usable for very muddy water
- treatment container with flow of 1200 m³/day including:
 - flocculation, gravity sand filter, disinfection, storage and pumping
- power generator

