

Package Plant for Potable Water

VILLAGE OF BAKO (ETHIOPIA)

The village Bako is located in the Ethiopian Oromia State, 200km west of the capital Addis Abbeba. This region is well known for its agriculture. Since long time the drinking water supply from existing wells was not sufficient and the turbidity of the river water was incredible during flood season preventing any direct

USE.

Drinking Water for 40,000 People

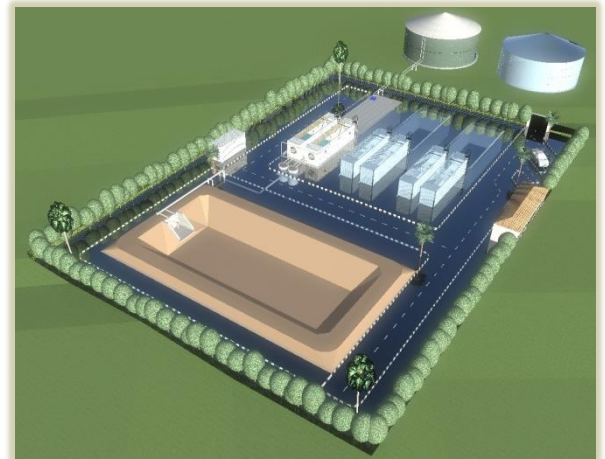
To solve the situation, MENA-Water was asked for installing a complete solution for supply of 40,000

inhabitants with treatment of surface water from the river Gibe.

To keep the promised realization time of half year the potable water plant was completely prefabricated in the MENA-Water workshop as containerized package. Installation at site was possible with minimum of civil work.

For adjustment to the growing town the treatment plant is prepared for extension. As necessary in several steps the capacity can be expanded to 3 times achieving 7,200 m³/d

The startup of the plant was in April 2014.



PROJECT DATA

- raw water channel from river
- raw water storage pond
- 2 treatment container with flow of each 1200 m³/d including:
 - flocculation, gravity sand filter, disinfection, storage and pumping
- power generator
- extendible to 3 times flow, for total 7,200 m³/d

