



AT A GLANCE

Location:

Ghat, Libya, on the border of Libya, Algeria and Niger

Client:

Al Fateh Hospital

Water treatment plant:

Civil waste water treatment plant including lift stations, oxidation, sedimentation, disinfection sections, final lifting and sludge treatment.

All sections feature lightweight heavy duty fiberglass tanks.

Raw water source:

Civil waste water from Al Fateh hospital

Treated water quality:

Suitable for garden irrigation or safe disposal into the environment

Capacity:

100 – 120 m³/day
500 – 600 ae

EC334209CM

AL FATEH HOSPITAL - WASTE WATER PLANT

Al Fateh Hospital is in the Libyan city of Ghat, on the border of Libya, Niger and Algeria. The hospital provides essential health services to the people of these three nations as well as refugees and internally displaced people in the area.

Euro Mec supplied and installed a civil waste water treatment plant serving the hospital as well as employee accommodation and facilities.

The waste water treatment plant was designed and constructed in Italy and transported to the hospital's remote location in southern Libya. The whole plant was packed in standard 20' shipping containers and the use of strong but light fiberglass tanks kept the transport weight down to a minimum.

The waste water treatment plant has a compact design and consists of lift stations, oxidation tanks, sedimentation, disinfection and sludge treatment.

In order to guarantee the correct operation of the equipment Euro Mec provided a team of expert engineers and technicians who went to Libya for the installation, commissioning and start up of the plant.

The company continues to be available to the client for advice, technical support, spare parts and consumables whenever required.

The photos show the oxidation tanks (left) installed and connected to the sedimentation and disinfection tanks (top) according to the plans developed by Euro Mec S.r.l. (right).

