

Kafr El-Sheikh Wastewater Expansion Project – Phase I

Client

Kafr El-Sheikh Water Supply and Sanitation Company (KSWSSC)

Scope of Work

Design Review
Construction Supervision

Location

Motobas & Desouq, Kafr El-Sheikh, Egypt

Types of Activities

Civil works

Kafr El-Sheikh Governorate is located at the north of Egypt, in the lower Nile Delta; approximately 125 km north of Cairo. The Governorate extends on 100 km on the Mediterranean coast, and 80 km inland; with a total area of 3,467 km².

A key issue for the Kafr El-Sheikh Water Supply and Sanitation Company (KSWSSC) is the shortage in sanitation coverage in rural areas of the governorate.

The project plan is the construction of two new wastewater treatment plants, the expansion of three existing ones, and the laying of 694 km of sewers; with the installation of 52 pump stations in the towns of Motobas, Desouq, and Burullus.

The projects comprising the Kafr El-Sheikh Wastewater Expansion Program came up with the implementation of

first-time sewerage infrastructure in the sanitation service clusters of M.03.2 and D.03.5, forming a top priority for KSWSSC.

Located in the Motobas district, cluster M.03.2 requires new sewer networks and related pump stations that will discharge their wastewater for treatment to the expansion of the existing Motobas wastewater treatment plant. Similarly, located in the Desouq district, cluster D.03.5 involves new sewer networks and related pump stations, which will discharge their wastewater for treatment to the existing Desouq wastewater treatment plant.

The expansion of drainage projects in Desouq and Motobas serves 22 villages. The expansion of Motobas' Central treatment plant aims to increase its capacity from 15,000 to 30,000 m³/day.

