

EGYPT

KAFR EL SHEIKH GOVERNORATE

SEWERAGE PROJECT

Location

Kafr El Sheikh Governorate
(Nile Delta)

Client

National Organisation for Potable
Water and Sanitary Drainage
(NOP - WASD)

Financing

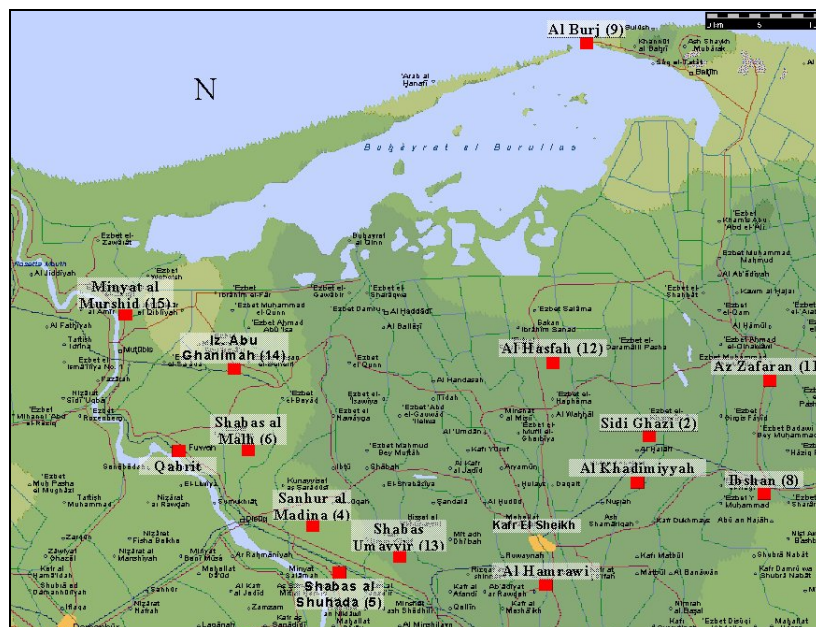
German Financial Cooperation / KfW

Period

1998 - 2010

Value of Services

6.514 million US\$



Project Description

Improvement of the sanitary situation in 15 vil-
lages of the Kafr El Sheikh Governorate with a
total population of about 280,000 inhabitants in
the year 2010.

The project comprises the construction of :

- 176 km of gravity sewers DN 150 to DN 700
- 40 km of force mains
- 22 sewage pumping stations
- 11 sewage treatment plants (10 with oxidation
ditches, 1 with lagoons)
- 29,000 m inter connection lines for house
connections including inspection chambers

Scope of Services

Final Design and Preparation of Tender Docu-
ments (1998 – 1999):

- Review of Predesign
- Topographical surveys and soil investigations
- Planning and design of sewage evacuation
and treatment
- Structural design and stress calculation
- Engineering report with operation concept and
confidential cost estimate
- Tender documents for national and interna-
tional tendering including instructions to ten-
derers, conditions of contract, technical speci-
fications, bills of quantities and construction
drawings
- Assistance during tender period, evaluation of
tenders and assistance during award of con-
tracts

Construction Supervision (2003 – 2010):

- Construction supervision
- Commissioning and taking over