



Doha West Sewage Treatment Works (Extension 5)

Description:

The expansion of the Doha West Sewerage Treatment Works Extension 5 was to increase the capacity to receive, treat and dispose of wastewater to an average flow of 280,000 m³ per day. It is a state of the art plant using modern processes such as Ultra-Filtration. The effluent quality exceeds all common international standards and is used, among other uses, to irrigate local farms. Involved since 2008 in phase 3 of the expansion works, Gulf Contracting Company completed all civil construction, buildings and MEP works. Additionally, we completed the external works, an extensive refurbishment of the existing plant and constructed two storage lagoons.

Scope of Work:

- 17 independent water retaining structures using 40,000 m³ of structural concrete
- Process buildings including air blower rooms, substations, pump rooms, etc.
- Administration and accommodation buildings
- 1.2 km of concrete dam and earthen bund from the lagoons which holds 5 Million m³ of effluent
- 12 km Of trench work
- 17 km of perimeter fencing

Key Facts

Client	Marubeni Corporation / Ashghal
Start Date	April 2015
Completion Date	November 2017
Project Value	QR 231 Million