

Location

Mardin

Client

Aqwadem Consulting Ltd.

Duration of Services

01/2011 – 10/2011

Financing

Municipality of Mardin

WASTEWATER

MARDİN WASTEWATER PROJECT PREPARATION OF FEASIBILITY SYUDY AND IPA APPLICATION FORM



Project Description:

The sewer system of Mardin consists of old stone channels and sewer pipes constructed in period of 1997-2001. The connection rate is not high and requirement of proper sewer system in developing city quarters must be met. In addition, there is no wastewater treatment facility in the city and collected wastewater is discharged to dry creeks from various points. This situation threatens the public health and pollutes the environment. Therefore, wastewater generated in Mardin needs to be collected and treated properly as required by local Environmental Legislation and EU Directives.

In the scope of this Project, a feasibility study and IPA Application Form was prepared for expansion of sewerage system and construction of two domestic wastewater treatment plants for two separate wastewater collection basins.

Services:

- Demand analysis,
- Wastewater characterization survey,
- Identification of wastewater treatment process options
- Option analysis,
- Process calculations and preliminary design of two WWTPs,
- Cost estimations,
- Preparation of IPA Application Form,