

WATER

Place

İzmir

Client

İzmir Water and
Wastewater Administration

Date

06/2016 – 06/2017

Financing

İzmir Water and
Wastewater Administration

Construction Cost

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IMPLEMENTATION DESIGN OF TREATMENT PLANT FOR BACKWASH WATER FROM EXISTING ARSENIC TREATMENT PLANT OF MENEMEN EMERGENCY WELLS



Project Description:

Menemen is a district of İzmir located at a distance of 35 km to centre. The high arsenic content of raw water extracted from Menement Emergency Wells are treated by means of 14 pressure filters having capacity of 600 l/s. In the scope of this contract, implementation design for rehabilitation of existing treatment units, additional water treatment plant with capacity of 350 l/s, backwash water treatment and sludge treatment units for both plants has been carried out. In the designed water treatment plant, 35 µg/l arsenic concentration will be decreased to 5 µg/l.

Scope of Services:

- Implementation design
- Preparation of tender documents