



SAMSUN POTABLE WATER TREATMENT PLANT



Central Blacksea Region
Samsun





Employer : GENERAL DIRECTORATE OF STATE HYDRAULIC WORKS (DSİ)
Contract date : 30.04.1985
Work completion date : 18.10.1995
Project cost : 6 515 711 000,00 TL (1984 unit prices)
[23 232 428,58 US \$]

This installation was constructed in order to supply potable water to the city of Samsun. The installation has 200 000 m³/day (1 000 000 person/day) capacity and has, 26 000 m² construction area, is the first treatment plant realized with local potential in Turkey.

The entire plant design, construction application drawings, intake, aeration and distribution structure, clarifier, distribution chamber and fast mixer installation, flocculation pools, three staged horizontal pool clarifiers, filter house, contact tank, lime water mixing chamber, fresh water reservoir, filter back wash recycling system, sludge removal system, chemical installation, chlorine installation, sampling installation, and water supply system construction works were performed, the required equipment and facilities were supplied and assembled and was put into operation.

Also within this scope, 31.5 kV, 6.3 km long Power Transmission Line supply and assembly work was completed.



WATER SUPPLY