

WATER

Location

Azerbaijan

Client

Hakan Makina Sanayi

Duration of Services

01/2012 – continue

Financing

World Bank

Costs

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MASALLI WATER TREATMENT PLANT



Project Description:

The capacity of water treatment plant is 89,000 PE and 22,248 m³/d. The raw water samples show a high amount of turbidity (74 NTU) and of suspended solids (34 mg/l). Content of iron (1.2 mg/l) exceeds the limiting value given in EU Council Directive 98/83/EC. The same can be said for manganese (0.17 mg/l). Also microbiological parameters are beyond limiting values of EU Council Directive.

The WTP consists of distribution chamber, coagulation and flocculation chambers, clarifiers, multi-layer pressure filters, chemical dosing station, chlorination system, sludge sedimentation basins, sludge drying beds and auxiliary structures.

Services:

- Process design,
- Architectural, civil, mechanical and electrical detailed design.