

WASTEWATER

MASALLI WASTEWATER TREATMENT PLANT

Location

Azerbaijan

Client

Hakan Makina Sanayi

Duration of Services

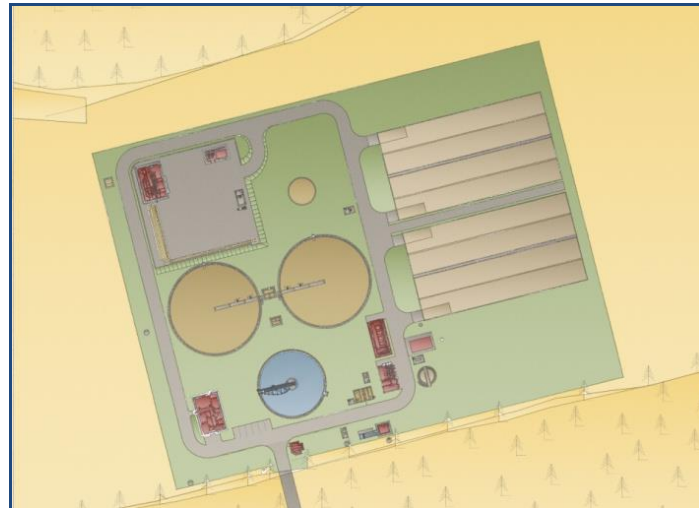
01/2012 – continue

Financing

World Bank

Costs

-



Project Description:

The treatment process of Masalli WWTP is extended aeration activated sludge based on intermittend denitrification. The WWTP will serve 37,000 people with its design capacity of 7462 m³/d.

The WWTP consists of screening building, fecal sludge acceptance station, aerated grit and grease chamber, khafagi venturi flume, aeration tanks, final sedimentation tank, RAS & SAS pumping station, gravity thickener, sludge drying beds and auxiliary structures.

The design criteria are:

Parameter	Influent conc. (mg/L)	Effluent conc. (mg/L)
BOD ₅	250	25
COD	471	125
TSS	328	35
Total N	50	15
Total P	8.3	-

Services:

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