



WATER PURIFICATION PLANT IN THESSALONIKI, USING WATER FROM ALIAKMON RIVER

PROJECT BUDGET:	6.800.000 €
CONSTRUCTION:	C. KONSTANTINIDIS S.A.
STRUCTURAL DESIGN:	KANON CONSULTING Ltd (1997 - 1998)

The water purification plant pictured below was constructed in order to enable the supply of potable water to the city of Thessaloniki from Aliakmon river. The plant's facilities include multiple hydraulic structures, tanks and buildings necessary for the normal function of the plant.

In sum, "KANON CONSULTING" designed the following structures for the functioning of the plant:

- Settlement tanks 30.0m in diameter
- Sludge treatment tank 20.0m in diameter
- Administration building, Dehydration building, Chlorination building
- Storage rooms, workshop
- Electrical substation
- Pump rooms
- Fast mixture tank
- Lime silo
- Active carbon storage tank
- Ozone treatment installation
- Central unit of refinement



Water purification plant of Thessaloniki - Central unit of refinement



Water purification plant of Thessaloniki - Lime silo and Settlement tank