

LIMASSOL WATER TREATMENT PLANT

The Limassol Water Treatment Plant is located 1500m northwest of the Mesa Yitonia roundabout and 500m west of the Limassol-Phasoula road.

The plant will be augmenting the water supply of the city of Limassol the municipalities of Ayios Athanasios, Mesa Yitonia and Kato Polemidhia and the communities of Pano Polemidhia, Ypsonas, Kolossi, Erimi, Trakhoni, Asomatos, Akrotiri, Kantou, Episkopi and the Akrotiri British Base.

The raw water flows to the plant by gravity from Kouris reservoir through the Southern Conveyor Main Pipeline. The raw water is treated by coagulation, flocculation, clarification, filtration and dosing of chlorine and lime.

The nominal capacity of the plant is 40.000m³/day with provision for extension to 80.000m³/day. The plant comprises of the process block structures, the administration building, the chemical building, the treated water reservoir and the sludge drying lagoons covering a total surface area of about 36.500 square metres.

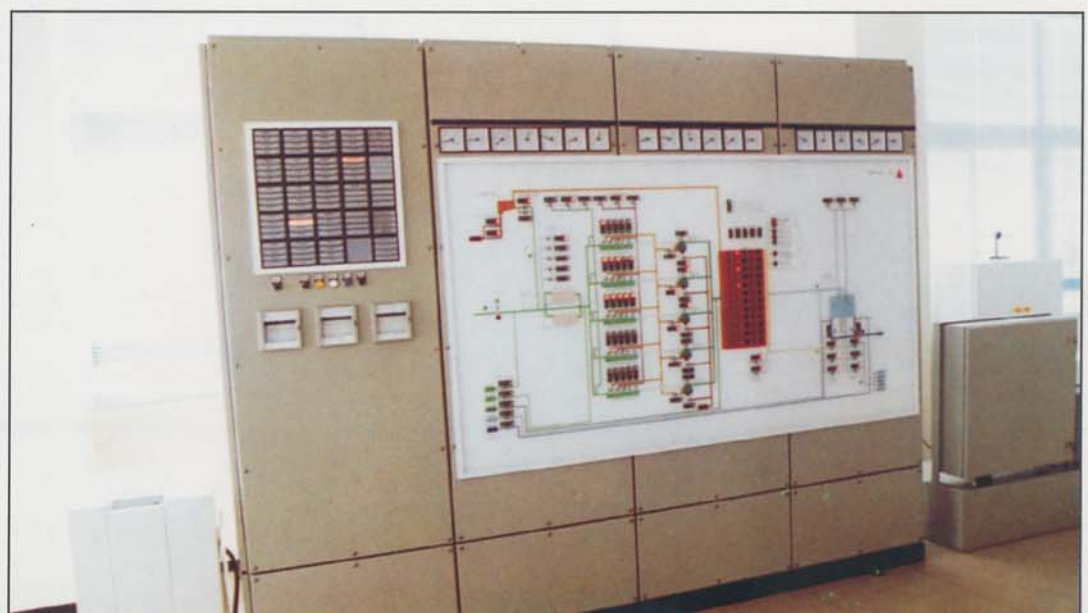
The plant was designed and constructed by "Water Engineering Ltd" of United Kingdom with "Charilaos Apostolides Ltd" of Cyprus. The consultants were "Energoprojekt" of Yugoslavia. The contract was awarded on the 20th of October 1989, for the sum of £5.133.784. Part of this, i.e., stg£1.470.000 was granted as aid from the Government of the United Kingdom. Treated water was first supplied to the Limassol Water Board on the 11th of April 1994.



ΒΟΣΗ, ΚΡΟΚΙΔΩΣΗ, ΔΙΑΥΓΑΣΗ - AERATION, COAGULATION, FLOCCULATION, CLARIFICATION



ΑΠΟΘΗΚΗ ΧΛΩΡΙΟΥ - CHLORINE STORE



ΚΕΝΤΡΙΚΟΣ ΕΛΕΓΧΟΣ - CONTROL ROOM