

Ayia Marina Dam

The Ayia Marina Dam is constructed on the Xeros River in the northern part of the Cyprus. The water impounded in the storage reservoir of 0.35×10^6 cu.m capacity is used for the irrigation of cultivated land located downstream from the dam site.

The dam site area is made up of diabase rocks (left abutment) and marl (right abutment). The water permeability tests performed provided satisfactory results so no grouting works have been carried out.

The spillway is located at the left abutment while the intake structure is located at the right one.

The observations and measurements being carried out during the exploitation of the project have provided completely satisfactory results.

