



CASE STUDY (001-M-En) **Municipality of Erissos, Kefallinia**

**Sea Water Reverse Osmosis System
producing 500 m³/day**

DATE OF IMPLEMENTATION
2008

Technical Characteristics

- ✓ Feed Water Supply to the pretreatment stage from two boreholes 45m depth each with two feed pumps which are set to 54 m³/hr (pumps' control through INVERTER)
- ✓ 3 Turbidity filters - 3 Active Carbon filters/ Rehardening filters(open type filters with overflow)/(CIP – Flushing 6 Parallel Pressure Vessels (6 Membranes per Vessel)
- ✓ High pressure pump (with Energy Recovery System Pelton)(pump's control through INVERTER)
- ✓ Drinking water production of 22 m³/hr
- ✓ System control through PLC, System Monitoring & Data Transfer through Internet



Since 1980, TEMAK has been at the side of local communities covering their needs with reliability and consistency, having a full range of certified water treatment products.

Thanks to the systems manufacture in Greece and the high expertise of its specialized staff, TEMAK is able to offer total water treatment solutions, from study and design to manufacture and installation of required systems.

The 750.000 m³/day of clean potable water or water for general uses, produced daily from TEMAK's installed systems in Greece and 26 abroad countries, constitute the proof of our experience and know-how in water treatment.