



CASE STUDY (049-M-En) **Municipality of Erissos, Kefallinia**

Sea Water Reverse Osmosis System
producing 200 m³/day

DATE OF IMPLEMENTATION
December 2008

Technical Characteristics

- ✓ Feed Water Supply to the pretreatment stage from two boreholes 45m depth each with two feed pumps which are set to 25 m³/hr (pumps' control through INVERTER)
- ✓ 2 Turbidity Filters - 2 Active Carbon Filters - Rehardening filter (open type with overflow) / Cleaning in Place
- ✓ 2 Pressure vessels in parallel (7 Membranes per Pressure vessel)
- ✓ High pressure pump & Energy Recovery System (high pressure pump's control through INVERTER)
- ✓ Drinking water production of 11 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.