



CASE STUDIES (053-M-En) **Municipality of Vion – Neapoli Laconia**

**Iron and Manganese removal from well water –
Municipal District of Lachi 25m³/day**

DATE OF IMPLEMENTATION
May 2008

Introduction
Potable water in Municipality of Vion

Technical Characteristics
Operating flowrate: 25 m³/hr
Iron (Fe) Inlet Concentration: 70 ppb*
Manganese (Mn) Inlet Concentration: 244 ppb*

Equipment
✓ Direct supply from the Drilling Pump
✓ Storage of backwash water in a 10 m³ tank
✓ Direct Supply of filtrated water to the network
✓ Aeration Pipe for Fe, Mn Oxidation
✓ Backwash pump 50 m³/hr, Air Blower 117 m³/hr

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.