



CASE STUDY (056-M-En) **Municipality of Therapna, Lakonia, Greece**

**Iron-Manganese removal (Fe-Mn) from well
water – Water supply in Municipal District of
Skouras (25m³/h)**

Date of Impementation:
March 2009

Introduction

Potable water in Municipality of Therapna

Technical data

- ✓ Operating flowrate: 25 m³/hr
- ✓ Iron (Fe) Inlet Concentration: 95 ppb*
- ✓ Manganese (Mn) Inlet Concentration: 173 ppb*

Equipment

- ✓ Direct supply from the Drilling Pump
- ✓ Backwash pump 120 m³/hr,
- ✓ Air blower 288 m³/hr, Backwashing with filtrated water pumped from the underground, filtrated water tank
- ✓ 25 m³ Sedimentation tank for the collection of backwash water
- ✓ Aeration Pipe DN80 for Fe, Mn Oxidation



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.