



CASE STUDY (064-M-En)

Municipality of Therapnon - Lakonia

INTRODUCTION

Iron and Arsenic removal from well water of two wells-
Municipality's Water Supply (50 m³/h)

DATE OF IMPLEMENTATION

June 2008

Technical data

- ✓ Operating Flowrate: 50 m³/hr
- ✓ Iron (Fe) Inlet Concentration: 450 ppb*
- ✓ Arsenic (As) Inlet Concentration: 12.9 ppb*

Equipment

- ✓ Feed water collection from 2 wells in 3 tanks of 25 m³ each
- ✓ Filtrated water collection in underground tank
- ✓ Backwashing with filtrated water
- ✓ Cl₂ and FeClSO₄ dosing for As agglomeration
- ✓ Treatment of backwash water (As sedimentation in 25 m³ tank)
- ✓ Submersible backwash pump 150 m³/hr



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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.