



CASE STUDY (054-M-En)

Municipality of Agia Paraskevi - Mytilene

Iron and Arsenic removal from well water of two
wells– Water supply for municipality – 60 m³/h &
25m³/day

Date of implementation:

June 2008

INTRODUCTION

Potable water in Municipality of Agia Paraskevi

Technical data

- ✓ Operating flowrate: 60 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



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.