

Chapter Three - Aims and Objectives

The aim of this study is to develop an integrated water monitoring system based upon non-specific gas sensors detecting taste and odour related problems in the production of potable water.

The specific objectives have been defined as:

- Design an on-line sampling system to evaluate the application and issues of using a non-specific sensor array for continuous monitoring of water quality.
- Develop an appropriate sampling methodology for detecting the presence/absence of tainting compounds in a water matrix.
- Evaluate data analysis procedures for identifying intermittent changes in water quality