

THM Monitoring in a Drinking Water Plant in the East of Spain

APPLICATION

Online THM monitoring at a drinking water plant.

CUSTOMER

Water Utility

PROBLEM

The local health authority had warned that the THM level in the water supplied to households in the region was above or near the limit imposed by the law. For this reason, the local WTP was asked to install an on-line THM monitoring system and implement improved control of the process.

PRODUCT

MS2000 with 4-20 mA output.

WHY MULTISENSOR?

The customer needed a system with low running costs and high accuracy.

INSTALLATION FACTS

The system is the first of 4 units. After long

discussions Multisensor's MS2000 was chosen over a competitor from the US due to the low running costs and the low maintenance requirements. The unit has now been installed for almost 1 year and the customer is very satisfied with the results. The main benefit for the customer is the fact that the unit doesn't need reagents, and this saves them around 18,000 Euro per year. If the THM levels, go above a certain threshold an alarm is activated.

DATA

In the graph below we can see a comparison between the GCMS and the Multisensor System instruments over a period of 4 months test when different tests were carried out. We can notice how close the online measurements are to the laboratory results.



MS2000 installed on site

