

Q45H84 Hydrogen Peroxide monitor

Project: Supply H2O2 monitors for drinking water dosing

Location: East Ireland

Project Summary

H2O2 is being used in certain parts of Ireland as an alternative to HOCL (free chlorine). H2O2 is preferred due to the improved taste. A big player in this market that specialises in H2O2 dosing equipment and chemicals has installed multiple systems across Ireland. ATi was contacted by both Veolia Water and Aquachem (contractors that installed the systems) to supply the H2O2 monitors to assist with dosing and control. The council representatives were present when commissioning the units this year. One of the two units did not require calibration and the other unit remained within calibration after several months in operation.

Project Scope

- Supply of monitors
- Calibration and commissioning
- Training

Added Value/Benefits

Dosing H2O2 to a 5 ppm residual to maintain clean, safe drinking water to Louth Council. The specific H2O2 dosing arrangement uses H2O2 + Silver. There was some uncertainty, that this type of technology would not work properly when using the ATi monitor. The Q45H84 monitors worked without calibration on one site, the other one was calibrated several months earlier but was still within spec.

Accurate measurement of H2O2 to control a dose.

Service, commissioning and training

Reduced running/capital costs

