



“We have known Powelectrics for several years and I’m delighted to see an increasing number of applications suited to their user-friendly and well-supported Metron technology. This project has delivered everything our customer asked for. Now we are expanding our use of Metron technology into other applications.”

PATRICK BONNER
Managing Director

BONNER
STANDARDS YOU CAN TRUST

The task

Bonner design instrumentation solutions, specialising in enabling compliance in highly-regulated industries. Their customer, a chemical plant, captures waste liquid in containment areas and cleanse it prior to discharge into the Council’s waste system. pH levels must be safe.

The result

This m2m solution protects the water quality for all stakeholders within the County Council water supply network and ensures reliable evidence of compliance with environmental legislation. Data can also be used for the general monitoring of production, trend analysis and identification of maintenance needs.

The solution

Powelectrics IIoT solution helps monitor, record and control the pH of discharged waste-water, including knowing the pH at time of discharge, flow rate and flow volumes. If the pH of the waste is unacceptable, waste is now automatically diverted back to the treatment area for reprocessing.

Summary

- | Environmental protection
- | Proof of compliance
- | Maintenance needs identified
- | Trend analysis