

Case Study

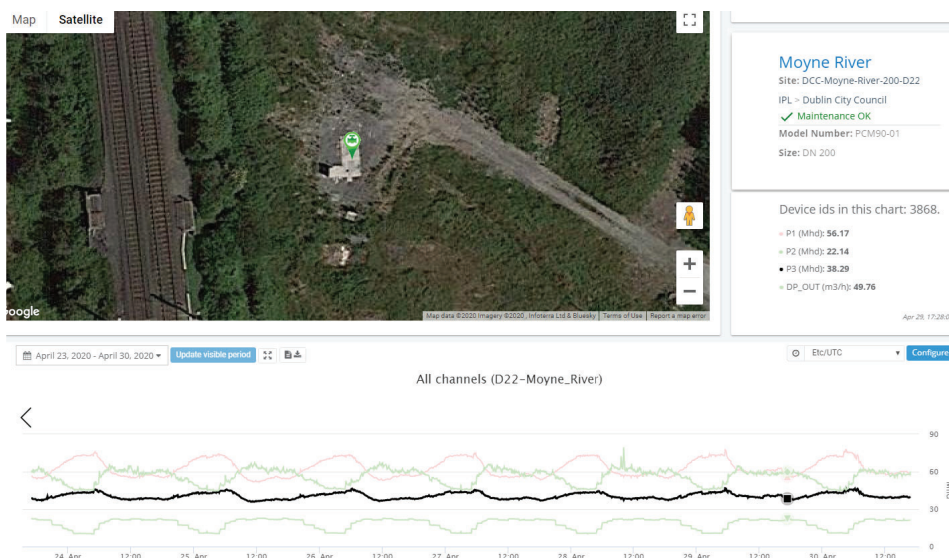
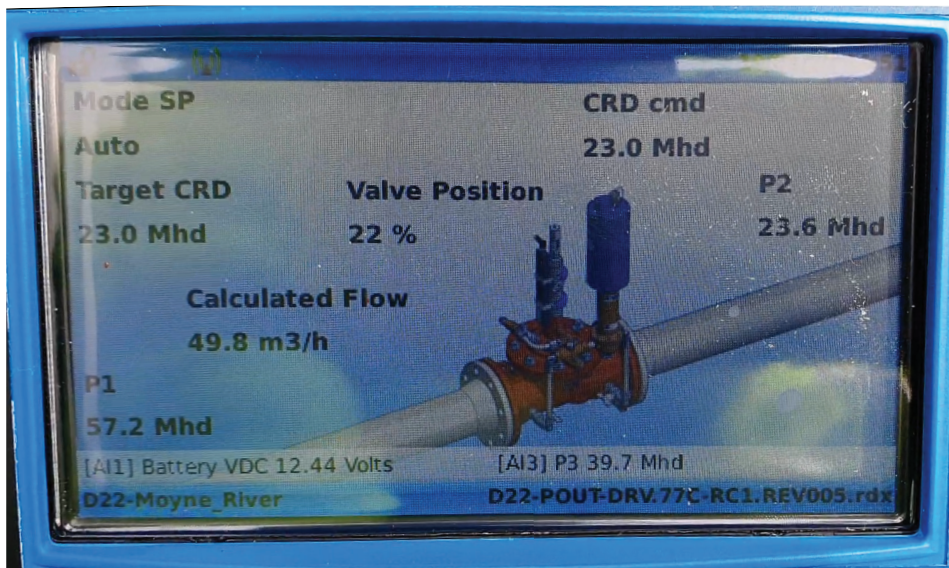
Flow Calculation | Moyne River



Project: Pressure Reduction - Moyne River Advanced Control
Product: CLA-VAL pressure reduction valve, D22 Multi PID controller, e-Lift indicator

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There are numerous pressure reduction applications throughout the country where flow data and trends are not available but such data would be an invaluable tool as part of leakage and network management programmes. Recognising this issue Cla-Val developed an application for their D22 Valve Controller that can calculate the flow rate through any of their control valves by accurately measuring the position and differential pressure across the valve. Live flows are displayed on the D22 screen locally and the flow data can be viewed on the Cla-Val Link2valves cloud platform. At Moyne River in Dublin, the D22 controller, e-Lift valve position indicator and pressure transmitters are installed on a 200mm PRV and are powered by a Cla-Val e-Power IP hydro turbine. The D22 is connected via GPRS to the Cla-Val Links2valves cloud platform where data can be viewed remotely and exported. The ability of the D22 to calculate flow along with its continuous connection to the cloud platform gives Dublin City Council live flow data from this site and enables advanced pressure control achieving approximate savings of 200 M3 of potable water per day.



Further information on CLA-VAL valves including kiosk installation is available from IPL group. Measurements and weights are approximate. The designs are the property of Innovative Products Ltd (IPL group) and may not be reproduced without express permission. Innovative Products reserve the right to amend specifications or to withdraw models without prior notice. © May 2021.

