

Turret WTW Risk Based December 2025

Turret WTW is a large 95 Ml/d water treatment works near Crieff in Perthshire, supplied solely by Loch Turret. The site was selected for the DWQR 2025 risk-based audit programme due to concerns around SCADA/PLC systems, instrumentation, pH dosing performance, and recent microbiological compliance failures.

Turret WTW is a strategically important works operating close to its maximum capacity and facing increasing raw water quality challenges. While staff knowledge and investigation of recent compliance issues were positive, the DWQR has significant concerns regarding asset resilience, ageing control systems, limited operational redundancy, and the site's ability to respond to treatment failures. Improvements are required to strengthen resilience and reduce the risk of future water quality incidents.

DWQR identified six findings. Proposed interventions to address DWQR's findings, along with completion dates and any interim mitigations that will be put in place have been agreed with Scottish Water.

DWQR will monitor completion of agreed interventions, and may request evidence of completion or re-visit the site.