

## Lintrathen WTW Loss of Disinfection 16<sup>th</sup> December 2025

Event No. 16614

### **Event Category: Significant**

Sodium hypochlorite dosing for disinfection was lost for 2 hours 20 minutes. Reactive final sampling complied with regulatory standards and no consumer contacts were received. Whilst disinfection ceased for a significant period, due to mixing within the CWT, a chlorine concentration of greater than 0.55mg/l within the final water was always maintained (i.e. above emergency action levels).

A power failure stopped sodium hypochlorite dosing. The system was in manual mode, and did not restart automatically, or switch to the emergency dosing system. In addition, the standby operator did not attend when alerted, most likely due to fatigue from other overnight duties.

The alarm received at ICC from Lintrathen is a grouped 'chemical alarm' and not specific to loss of disinfection. There is no auto-shutdown on loss of disinfection at Lintrathen WTW.

The event has been categorised as significant. Scottish Water has identified eight actions which DWQR accepts are appropriate and will monitor to ensure they are completed prior to signing off the incident. DWQR made one additional recommendation.