



Technical Inspection of Scottish Water's Water Treatment Works

Turret WTW, West Area

29/05/2019

DWQR Staff Present

Colette Robertson-Kellie

Scottish Water Staff Present

James Simmonette, James Greenhill, Kelly Borthwick, Lauren Gourlay, Robert Anderson, Derek Cooke, Jim Greenhill

Summary of Inspection

Overall Summary

At the time of the audit the treatment works was operating well within measured regulatory water quality limits. The Operator was very knowledgeable about the site and had a good awareness of water quality. Site housekeeping was good. It was clear that there were inadequate staff numbers to complete task scheduling and water quality monitor calibrations, and this should be reviewed as a matter of urgency. Observation of a filter backwash revealed an unusual pattern of sand on the surface of the filter and significant cracks in the filter bed. The online pH instruments checked had spurious reading and could not be calibrated. The final water sampling point is not representative of the water leaving the works - this was being investigated at the time of the audit. Chlorine set points on the ELA sheet did not align with actual alarm settings and should be reviewed. All staff checked had valid DOMS Hygiene cards.