

Technical Inspection of Glenlatterach WTW

Date of Inspection

Date 25/10/2016

DWQR Staff Present

Bill Byers

Scottish Water Staff Present (& Titles)

Larry Watters, Craig Christie, Colin Napier
Steven Wilson, Hamish MacDonald,
Jim Murren, Kes Juskowiak, David Hill

Summary of Inspection

This treatment works was selected for audit due to a series of water quality events in 2015 and 2016 and to verify the implementation of actions and improvement to process controls following investigations into a coagulation failure incident in 2015.

The works has a capacity of 11.3MLD but at the time of the audit was operating in the range 8-9MLD, with no current process issues. There were no significant issues found during the audit with all previous incident actions and DWQR recommendations to gain better control of processes implemented. Buildings are however showing signs of a need for maintenance.

The Drinking Water Safety Plan identifies the significant risks to processes, which have been the cause of, or contributory factors to water quality events and incidents at the Works. Currently about to commence a comprehensive 18 months project for replacement of the control and automation system which will include changes to allow divert to waste, chlorine failure shutdown and changes to disinfection. New primary filters are to be constructed, allowing the existing filter shells to become the specialist manganese removal stage. Completion is targetted towards October 2018.

There was shown to be a very good level of record keeping in relation to essential process and maintenance tasks and calibration of instruments and monitors.