

Manse Street WTW, South Region

via MS Teams 23/11/2020 and on site 07/05/2021

DWQR Staff Present

Moira Malcolm

Scottish Water Staff Present

Finlay Donaldson, Iain Skilling, Roy Caig, Ross Johnston,
Mick Jones, Graham Jones, Martin Walker, Amy Gove

Summary of Inspection

Overall Summary

Manse St WTW is a small works serving Galashiels and surrounding area. It was earmarked for closure in 2000 and has had very little investment since then. It is due to be mained out from Howden WTW in 18-24 months time. Processes on site are predominantly manual with little automation in comparison to most of Scottish Water's WTW assets. This audit was undertaken following an incident in summer 2020 which highlighted the shortcomings of the site, and to ensure that the works can produce compliant water for the remainder of its lifetime. The audit was undertaken by virtual interrogation, followed by a review of procedures and a site inspection. In addition to the manual nature of most of the processes, including pump changeovers and backwashes, there are few alarms linked to telemetry and no SCADA which limits operators ability to have good visibility of the site and effectively problem shoot when issues occur. As a result it is essential that all processes/tests undertaken by staff are undertaken and fully documented.