

Moffat WTW

DWQR Staff Present

Matt Bower, Andy Kennedy, Matt Leeson (Anglian Water)

Scottish Water Staff Present

Roy Caig, Iain Ogilvie, Derek Ball

Summary of Inspection

Overall Summary

Moffat is a groundwater site with three boreholes pumped up to a treatment works consisting of chemical dosing. Although raw water data is minimal, quality appears good with no evidence of chemical or microbiological contamination. The site does appear to have notably less treatment than other comparable groundwater sites with surface water influence in Scotland such as Fort William and Aviemore, and there is no barrier to *Cryptosporidium*. Understanding of borehole geology appears good, and catchment risks are generally understood although there is no modelling due to lack of data, and the proximity of Moffat town and the main A701 road must enhance the risk. Boreholes are regularly inspected. Condition of buildings appears good. All three borehole headworks are raised, but every one had significant holes or gaps in the headworks that could allow ingress of vermin or other contamination. There is no online monitoring of water quality at the borehole.

The treatment works was reasonably well maintained although elements of organisation could be improved in terms of labelling of instrumentation and recording of alarm settings. The efficacy of the disinfection process also needs to be evidenced.