

Yarrowfeus WTW, Borders

8 November 2011

DWQR Staff Present

Sue Petch, Bill Byers, Eleanor Vance, Matt Bower

Scottish Water Staff Present (& Titles)

Ian Skilling (Regional Mgr), Gary Guthrie (Team Mgr), Mick Jones (Team Leader), Campbell Ketchoon (Operator), Jackie Foster (Regulation); Graeme McIlroy (Asset Planner), Findlay Donaldson (Process Scientist); Mike Baird (PHT)

Summary of Inspection

Overall Summary

This is a very small site serving a small rural community in the Scottish Borders. Raw water comes from two boreholes next to the Yarrow Water. Treatment is basic, with disinfection followed by pH correction. The works is well operated and maintained. There is clear surface water influence on the boreholes, and with minimal treatment this does present a risk, however the works has some safeguards by way of an automatic shutdown on quality.

Number of Findings: 6

Score (out of 6)

Quality of Water Produced

4 Good

Water produced is high quality and complies with regulatory standards

Robustness of Treatment Asset

3 Adequate

The asset is mainly robust, however additional treatment is required if the risk from surface water infiltration is to be completely removed. Asset appears to be in a reasonable condition.

Operational Practices

4 Good

Staff are highly trained and diligent, and the works is being operated in an organised manner. Improvements to the organisation of some of the site paperwork would be beneficial.

Maintenance of Asset

4 Good

The asset appears to be being well maintained.

Safeguards and Procedures

4 Good

The site has the expected safeguards in place and all water quality monitoring instruments are linked to telemetry and alarmed. The plant shuts down should quality parameters exceed expected limits or if key equipment fails.

Water Safety Plan Development and Implementation

Not audited