

Rawburn Regulation Zone, Borders

6 April 2010

DWQR Staff Present

Matt Bower

Scottish Water Staff Present (& Titles)

Finlay Donaldson, Mike Baird, David McGrath, Gary Guthrie, Steven Horrell, Jackie Foster, Mike Christie (networks); James Martin (byelaws), Graham McIlroy Asset Planning

Summary of Inspection

Overall Summary

Rawburn supply zone has good water quality, although there are a few potential issues that are being managed effectively by operations. Storage points were well maintained and operated and a number of items of good practice were noted, including byelaws inspections, sample point provision and emergency chlorination capability. Main issues requiring improvement included recording new water mains promptly on the GIS system, improving the method for secondary disinfection at service reservoirs and implementing a programme of air valve inspection. It is anticipated that all of these are national rather than local issues.

Number of Findings:

0

Score (out of 6)

Quality of Water

4

Good

Water quality in Rawburn supply zone is generally very good. There are a few issues with discolouration from iron mains and nitrite formation from low chlorine - operations are managing these effectively via planned flushing and chlorination at service reservoirs.

Asset Robustness

4

Good

Storage points appear to be in a good condition. The method used to boost chlorine concentrations is quite basic, but is managed as effectively as possible by operational staff. There is quite a large amount of cast iron in the distribution system, but plans are in place in SR10 to deal with this.

Operational Practices

4

Good

Operations appear to be highly effective in this area, with a number of examples of good practice noted. In some circumstances they are making the best of assets that would benefit from investment.

Management of Risk

4

Good

In most cases staff appear well able to deal with issues as they arise. Capability for emergency chlorination of water mains is especially well developed in this region.

Recording Information

3

Adequate

Records were mainly accurate and well kept, although there were some issues around the lack of up to date records of main layouts of new housing schemes that had not been updated on GIS despite having been constructed a while ago.

Water Safety Plan Development

3

Adequate

Water Safety Plan Implementation

4

Good

The DWSP deals well with a number of issues, although a number of others appear to have been neglected. Where a risk has been highlighted, in most cases significant progress to implement an improvement has been made. The consumer section of the plan is highly generic in nature.