



Technical Inspection of Scottish Water Distribution System

Calder Hoy Regulation Zone, Wick Area

7-8 June 2010

DWQR Staff Present

Matt Bower, John Littlejohn

Scottish Water Staff Present (& Titles)

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Summary of Inspection

Overall Summary

Overall, water quality in this zone is excellent and well managed. Few serious issues were noted, although some areas for improvement exist, primarily around access to information and resilience in emergency situations. A water safety plan exists, but this would benefit from being reviewed and updated.

Number of Findings:

0

Score (out of 6)

Quality of Water

4

Good

Water Quality is generally very good, although there is some minor evidence of microbiology responding to localised long residence times and low chlorine levels.

Asset Robustness

4

Good

Distribution assets are generally good, with only small amounts of iron mains. The operational team is actively managing assets. Some issues with mains lacking washouts and working air valves as well as a lack of telemetry monitoring at storage points.

Operational Practices

4

Good

Operational practices appear good and routine tasks are undertaken diligently.

Management of Risk

3

Adequate

Risks are generally well managed, however there are weaknesses in telemetry provision and ability to provide emergency disinfection.

Recording Information

4

Good

Valve diagrams of Storage points were accurate. An issue was identified with the speed with which new developments were being recorded and finalised on corporate GIS systems.

Water Safety Plan Development

3

Adequate

Water Safety Plan Implementation

3

Adequate

Some progress has been made, although the plan is in need of updating and review.