

Daer WTW

12 November 2013

DWQR Staff Present

Colette Robertson-Kellie, Matt Bower, Sue Petch

Scottish Water Staff Present (& Titles)

Bryan Turpin (Daer WTW Senior Treatment Operator), Ian Skilling (Water Operations South Manager), Gary Guthrie (Water Operations Team Manager), John McConnell (Water Operations South Team Leader), Findlay Donaldson (Process Optimisation South Team Leader), Mike Baird (PHT South Team Manager), James Simmonette (Public Health Team), David Hill (Regulation WQ Analyst), Gerry McAllister (Asset Planning South Team Leader)(WSP discussions only)

Summary of Inspection

Overall Summary

At the time of audit, Daer WTW received a stable quality of raw water and the treatment works was performing well, producing high quality drinking water. A number of recommendations have been made to make improvements. Operators are thoroughly monitoring water quality and undertaking the expected checks on the treatment process. Most of the 11 recommendations relate to maintenance issues.

Number of Findings: 11

Score (out of 6)

Quality of Water Produced

5 Very good

Overall the quality of water supplied from Daer WTW was of a high quality at the time of the audit.

Robustness of Treatment Asset

4 Good

The treatment processes are currently appropriate for the raw water quality. Raw water quality is relatively stable, even after periods of heavy rain.

Operational Practices

4 Good

The staff operating the works demonstrated an excellent degree of understanding of the works and its operation at the time of the audit. Task scheduling was well documented and routine tasks were being completed thoroughly.

Maintenance of Asset

3 Adequate

Overall, maintenance appeared to be satisfactory. However, potential issues were identified with the filters and there was severe ponding on the roof of the grass covered clear water tank which needs attention.

Safeguards and Procedures

4 Good

There are no raw water quality monitors; Scottish Water should develop a policy for raw water monitoring to ensure a consistent approach across Scotland.

Water Safety Plan Development and Implementation

4 Good

The WSP was satisfactory. Actions to address most risks were being progressed.