



Technical Inspection of Scottish Water Treatment Works

Newmore WTW, Easter Ross

10 November 2010

DWQR Staff Present

Matt Bower, Bill Byers, John Littlejohn

Scottish Water Staff Present (& Titles)

Simon Harrison, Diane Burgess, Gordon MacDonald, Jim Briggs, Neil Campbell, Gavin Brown, Iain Ogilvie

Summary of Inspection

Overall Summary

Newmore serves parts of Easter Ross. Water quality is good, although the new process has some performance issues and the older parts of the plant require maintenance and upgrading. Staff are working very hard to ensure that the plant is performing optimally.

Eleven findings were noted by DWQR and corrective action has now been taken by Scottish Water to rectify all of these.

Number of Findings: 11

Score (out of 6)

Quality of Water Produced

4 Good

Water produced by Newmore is of good quality.

Robustness of Treatment Asset

2 Weak

The treatment process is basically robust and appropriate to the water quality it has to treat. Newmore WTW consists of a new treatment process added to an existing, older facility. Parts of the older plant are quite basic and would benefit from investment and/or maintenance. The new process has had a number of teething issues that staff have worked hard to overcome, although certain aspects of the design mean that future issues are possible.

Operational Practices

3 Adequate

Operational staff have worked extremely hard to overcome difficulties with the commissioning and ongoing operation of the plant. Certain aspects are highly labour intensive. Main operational tasks are being performed diligently, however instrument calibrations would benefit from additional attention.

Maintenance of Asset

3 Adequate

Some of the older areas of the plant are in need of maintenance and improvement. Parts of the new process also seem to be generating an excessive number of maintenance tasks.

Safeguards and Procedures

3 Adequate

The plant has a good number of monitors, although the lack of telemetry connection for alarms generated by some of them should be addressed.

Water Safety Plan Development and Implementation

n/a n/a

A Water Safety Plan had not been produced for this works at time of audit.