

Waternish WTW, Skye

6 October 2009

Inspection Report

Overall Summary

Waternish WTW is a membrane plant on the North coast of Skye. The treatment process is appropriate to the situation and operational practices were excellent. Water quality is satisfactory, but there are concerns over membrane integrity. These are currently being addressed by operational staff. The Drinking Water Safety Plan for the site is thorough and excellent progress has been made to implement interventions.

Number of Findings: 3

Score (out of 6)

Quality of Water Produced

3 Adequate

Water quality at this site is adequate, and few failures are recorded. Chlorination may be masking problems with membrane integrity. Staff are aware of this and have put measures in place to address it.

Robustness of Treatment Asset

3 Adequate

The site buildings are generally robust, although some work has been needed by operations to get them to this position. The process could not currently be considered robust due to membrane integrity issues, but these are being resolved.

Operational Practices

5 Very good

Operational staff are highly dedicated and well trained, showing great pride in their work. Records on operation of membrane and water quality were excellent and an example of best practice.

Maintenance of Asset

4 Good

Maintenance of site equipment and monitors was generally fine. Membrane maintenance was reasonable, although a process is needed to enable membranes to be replaced in a timely fashion.

Safeguards and Procedures

4 Good

Monitors and alarms at the site were all adequate. Procedures were available to site staff and were clearly used and followed.

Water Safety Plan Development and Implementation

5 Very good

It was gratifying to see water safety plan interventions had been actioned so thoroughly. This was a result of dedication and excellent teamwork between operational staff and the asset planner.