



Water Industry (Scotland) Act 2002 Enforcement Notice Under Section 10 (1)

Water Quality Management Improvements – Afton WTW

The Drinking Water Quality Regulator for Scotland (“the Regulator”), in exercise of the powers conferred by section 10(1) of the Water Industry (Scotland) Act 2002, hereby gives notice that she believes that Scottish Water has in the period 14th and 15th August 2020 at Afton Water Treatment Works, contravened the following regulations of the Public Water Supplies (Scotland) Regulations 2014, as amended, (“the Regulations”):

- Regulation 5(2) – Appropriate samples were not taken for *Cryptosporidium* to establish whether there was a potential danger to human health.
- Regulation 17 – Scottish Water did not immediately investigate whether the supply had failed or was likely fail the standards required for it to be wholesome or meet the requirements of Table C.
- Regulation 29(1) – water was not subjected to sufficient preliminary treatment, there were interruptions to the disinfection process, and the supply was not subjected to an adequate treatment process.
- Regulation 30(2) – the catchment was not adequately risk assessed
- Regulation 38 - Scottish Water did not provide local authorities or the Health Board for the area with prompt information on the incident to allow Health or Environmental Health professionals to make informed decisions.

In addition, it is the Regulator’s belief that in the period 29th December 2020 and 14th January 2021, Scottish Water contravened Regulation 32 of the Regulations, in that Scottish Water did not treat the water in such a way as it considers will eliminate the prescribed risk from lead or reduce it to a minimum for an extended period of time.

Therefore, Scottish Water is hereby required to:

1. By 30th September 2021

1.1 Investigate why aluminium monitors did not adequately respond to elevated aluminium levels and thereafter repair or replace aluminium monitors at Afton WTW as appropriate, providing a report on completion.

1.2 Install a final water turbidity monitor and a final water phosphate monitor at Afton WTW.

1.3 Provide refresher training on *Cryptosporidium* to Operations staff in Scottish Water’s West area.

1.4 Provide refresher training to its West Operational staff of the need to notify Scottish Water's Public Health Team if there is a risk of water entering supply which may breach drinking water quality standards.

1.5 Calculate the Effective Contact Time (ECT) at Afton WTW and report this to DWQR along with the calculations used to generate this figure including the evidence used to verify the calculations.

1.6 Carry out an assessment of staffing levels at Afton WTW and ensure that the site is adequately staffed throughout the year, providing a report to DWQR on completion.

2. By 31st December 2021

2.1 Complete a full review of the Drinking Water Safety Plan (DWSP) for the Afton supply in 2021, to include a re-assessment of catchment controls and an update of the works' schematic, providing a report to DWQR on completion.

This notice takes effect 15 days after the date shown below.

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DRINKING WATER QUALITY REGULATOR FOR SCOTLAND

Date: 08/06/2021