

Our Ref: DWI 116/08 (CPEO/08/01)

Date: 7 November 2008

Mr G Butler
Asset Management Director
Northern Ireland Water Ltd Head Office
Northland House
3 Frederick Street
BELFAST
BT1 2NR


Dear George

**NOTICE UNDER SECTION 31(3)(A) WATER AND SEWERAGE SERVICES
(NORTHERN IRELAND) ORDER 2006 – CARMONEY WATER
TREATMENT WORKS**

- 1 I enclose a self-explanatory Notice of Acceptance of undertakings of the steps that Northern Ireland Water Ltd has taken, or is taking for the purposes of securing compliance with its duty to supply wholesome water under Section 107(3)(c) of The Water and Sewerage Services (Northern Ireland) Order 2006. The Notice and this letter are being sent electronically to you today and the originals are in the post.
- 2 A copy of the Notice of Acceptance will be sent for information to the Northern Ireland Authority for Utility Regulation and the Consumer Council.
- 3 I am also arranging for the Publication Notice to be placed in the following papers during the next two weeks: the Belfast Telegraph, the Irish News and the News Letter.

A copy of the associated Publication Notice is enclosed for information.
- 4 Please acknowledge receipt of this letter, by e-mail to DWI@doeni.gov.uk

Yours sincerely



Randal Scott
Chief Inspector of Drinking Water
Drinking Water Inspectorate

Enc: 1. Notice of Acceptance of Undertakings
2. Publication Notice

cc: J Mills
S Wightman
N McMahon
S Aston
M Herron

NOTICE OF ACCEPTANCE OF AN UNDERTAKING FROM
NORTHERN IRELAND WATER LTD

**THE WATER AND SEWERAGE SERVICES (NORTHERN IRELAND)
ORDER 2006: SECTION 31(3)(A)**

THE DEPARTMENT FOR REGIONAL DEVELOPMENT

1. is satisfied that Northern Ireland Water Ltd (NI Water), in supplying water from **Carmoney Water Treatment Works** to the Carmoney water supply area, has contravened and is likely to do so again in its duty to supply wholesome water with respect to the **aluminium** parameter, under Section 107 (3)(c) of The Water and Sewerage Services (Northern Ireland) Order 2006.

2. has notified NI Water on 10 October 2008 that it is considering making in relation to NI Water a provisional enforcement order under Section 30 of The Water and Sewerage Services (Northern Ireland) Order 2006.

3. notes that NI Water has given an undertaking to take the following steps by the dates shown:

(i) take account of the risks to water quality as identified in the water treatment works risk assessments of the developing drinking water safety plans.
Ongoing.

(ii) carry out a feasibility study on the options and appropriateness of the upgrade to the treatment facilities at Carmoney Water Treatment Works.
Commenced.

(iii) take account of the potential risks to water quality to be identified in the catchment and distribution elements of the developing water safety plans.
Ongoing.

(iv) complete the refurbishment of the second set of GAC filters. **By 28 February 2009.**

(v) implement the interim remedial measures relating to the operation of the existing water treatment works:

a) daily on-site process control checks through on-site laboratory checks and on-line instrumentation: **Ongoing; daily.**

b) instigate treatment process investigation(s) of critical process target alert and warning levels for aluminium (150 µg/l) and turbidity (0.5 FTU). **Commenced and ongoing.**

(vi) continue to monitor aluminium levels throughout the distribution system.
Ongoing.

(vii) at regular intervals, provide the Inspectorate with reports on progress made with carrying out this programme of improvement works. Reports should be made available at the 'Compliance Programmes Review' meetings commencing in January 2009, and thereafter, three monthly. Reports to include at least the following detail:

a) current state of progress with the development of drinking water safety plans in (i) and (iii) above.

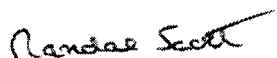
b) outline details of the work being undertaken in (ii) above.

c) confirmation that the refurbishment in (iv) above has been completed.

d) provision of three-monthly relevant analytical data summary report as identified in (vi) above.

4. is satisfied that NI Water has given, and is complying with, an undertaking to take all steps as appears, for the time being, to the Department for Regional Development to be appropriate to secure or facilitate compliance with the relevant requirements of regulation 17 of The Water Supply (Water Quality) Regulations (Northern Ireland) 2007.

Authorised by the Department for Regional Development to sign on that behalf.



Randal Scott
Chief Inspector of Drinking Water
Drinking Water Inspectorate

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