

Our Ref: DWI 116/08 (CPEO/08/02)

Date: 7 November 2008

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

Dear George

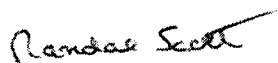
**NOTICE UNDER SECTION 31(3)(A) WATER AND SEWERAGE SERVICES
(NORTHERN IRELAND) ORDER 2006 – KILLYLANE WATER SUPPLY
AREA**

- 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 **Killylane Water Treatment Works** to the Killylane water supply area, has contravened and is likely to do so again in its duty to supply wholesome water with respect to the **trihalomethane** 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) undertake a review of the options and appropriateness of the treatment methodology required to treat Killylane raw water. **Ongoing.**
 - (iii) undertake a drinking water safety plan pilot scheme of the Killylane distribution system. **Commenced; to be completed by 31 December 2008.**
 - (iv) take account of the potential risks to water quality as identified in the catchment and distribution elements of the developing water safety plans. **Ongoing.**
 - (v) implement the interim remedial measures relating to the operation of the existing water treatment works:
 - a) replacement of the remaining nozzles in the DAF cells to be completed. **Ongoing.**
 - b) cease the disposal of water treatment works residual sludge on the Killylane catchment. **Commenced.**
 - c) undertake a trial of a new lime dosing system post DAF part of the treatment process. **Ongoing.**
 - (vi) implement distribution remedial work:
 - a) refurbishment of Rashee and Ballybracken Service Reservoirs. **Ongoing.**

b) Slimero Service Reservoir to be cleaned. **By 31 December 2008.**

(vii) continue to monitor:

a) chlorine residuals of the final water. **Ongoing.**

b) chlorine patterns and chlorine demand throughout the distribution system. **Ongoing.**

c) THM levels in Killylane final water; the THM forming potential; and THM levels throughout the distribution system. **Ongoing.**

d) total organic carbon monitoring of the raw water. **Ongoing.**

(viii) 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), (iii) and (iv) above.

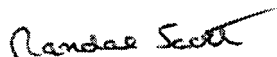
b) outline details of the work being undertaken in (ii) above.

c) confirmation that the work identified in (v) and (vi) has been completed.

d) provision of relevant summary analytical data identified in (vii) 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

7 November 2008

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