

DWI Ref: AE2-20-6201

Enforcement Ref: DWI/Revoke/Notice/NIW/2020/001

Tel: 028 90569282

Date: 22 January 2024

Mr Mark Ellesmere  
Company Secretary  
Northern Ireland Water Ltd  
Westland House  
40 Old Westland Road  
BELFAST  
BT14 6TE

Dear Mark

**REVOCATION OF A REGULATION 31(4)(b) NOTICE ISSUED UNDER  
REGULATION 31(6) OF THE WATER SUPPLY (WATER QUALITY)  
REGULATIONS (NORTHERN IRELAND) 2017 – DERG WTW AND  
ASSOCIATED WATER SUPPLY AREA**

**Contravention of the Regulatory Standard for the Pesticide, MCPA  
[(2-methly-4-chlorophenoxy) acetic acid] (0.10µg/l)**

Water Treatment Works (WTW)	Water Supply Zones
W4501 Derg	ZN0701 Derg Strabane

The Drinking Water Inspectorate (DWI) has actively monitored the progress NI Water has made in relation to the requirements of the Regulation 31(4) Notice DWI/Notice/NIW/2020/001, namely to: *“Install and have operational, a treatment system at Derg WTW, that is effective in the removal or reduction of MCPA to achieve a final water result that meets the maximum regulatory limit of MCPA of 0.10µg/l”*.

The above work was to have been completed by 31 March 2022. However, following the completion of large-scale pilot trials, and with the agreement of DWI, a major capital works project commenced on site in May 2021. This was to construct a new treatment process to replace the existing Dissolved Air Flotation (DAF) treatment with Clarifiers as the primary stage of treatment. To facilitate the major works required to construct the clarifiers, DWI agreed an extension for completion of this work by one year to 31 March 2023.

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It was agreed that DWI would closely monitor the progress of the work to ensure no further extensions to the Notice would be required. This was done through bimonthly updates and quarterly site visits. Bimonthly updates were received from NI Water on 23/08/21; 07/10/21; 08/12/21; 27/01/22; 11/04/22; 25/05/22; 01/08/22; 06/10/22; 23/11/22; and 26/01/23. Site visits by DWI were facilitated on 15/12/21; 11/02/22; 06/05/22; 08/09/22; 12/12/22; and 14/03/23.

On 31 March 2023, DWI received an e-mail from NI Water confirming that the new clarifier treatment process with PAC dosing at Derg WTW had been brought into supply on that day. The DAF stream was still required at this stage as there was only partial flow through the clarifiers. However full flow through the clarifiers with PAC dosing was achieved on 19 June 2023. Due to issues with the PAC dosing system, temporary dosing arrangements were in place at this time. However, the permanent PAC dosing system was brought into service on 23 October 2023.

On 20 December 2023, DWI received an e-mail from NI Water which stated: *“The 28 Day Trial of the new treatment process at Derg WTW was undertaken from 30 October 2023 to 27 November 2023. All final water samples taken during the period of the 28 Day Trial were satisfactory”*. The MCPA results provided demonstrated compliance with the standard for all samples taken from April to December 2023, with the exception of one minor contravention recorded on 5 May 2023. There was only partial flow through the new treatment process at the time of this single contravention.

The Drinking Water Inspectorate is now satisfied that the evidence provided by NI Water demonstrates that the new treatment process meets the requirements of the Notice. Please find attached a Revocation Notice issued under Regulation 31(6) which rescinds DWI/Notice/NIW/2020/001.

## Enquiries

Any enquiries about this letter should be addressed to:  
[Berni.Corr@daera-ni.gov.uk](mailto:Berni.Corr@daera-ni.gov.uk) or Tel: 028 9056 9479

## Acknowledgement

NI Water is to acknowledge receipt of this notice to: [dwi@daera-ni.gov.uk](mailto:dwi@daera-ni.gov.uk)

Yours sincerely



Colin Clements

**Interim Chief Inspector of Drinking Water**  
Drinking Water Inspectorate

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**Agriculture, Environment  
and Rural Affairs**  
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**INVESTORS  
IN PEOPLE**

cc: Mr. David Reid, NIEA  
Mr. Richard Crowe, NIEA  
Mr. Mark Cherry, NIEA  
Ms. Berni Corr, NIEA  
Mr. Terence Patton, DAERA  
Mr. Ciaran MacCann, URNI  
Mrs. Alison Clydesdale, WDPD DfI  
Dr. Gary Curran, NI Water  
Ms. Dymphna Gallagher, NI Water  
Ms. Alison McMullan, NI Water

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**The Water Supply (Water Quality) Regulations (Northern Ireland)  
2017 Regulation 31(6): Revocation Notice**

Reference Number: DWI/Revoke/Notice/NIW/2020/001

1.0 To: **Northern Ireland Water Limited**

At: **Westland House, 40 Old Westland Road, Belfast, BT14 6TE**

2.0 **The Department of Agriculture, Environment and Rural Affairs** is satisfied that the E-mail received from **Northern Ireland Water Limited** on the 20 December 2023 states that:

2.1 The permanent PAC dosing system at Derg WTW was brought into service on 23 October 2023.

2.2 The 28 Day Trial of the new treatment process at Derg WTW was undertaken from 30 October 2023 to 27 November 2023. All final water samples taken during the period of the 28 Day Trial were satisfactory.

3.0 The Department of Agriculture, Environment and Rural Affairs, is satisfied that the above listed works meet the requirements of DWI/Notice/NIW/2020/001, issued on 30 June 2020 and extended on 9 February 2022.

4.0 Through Regulation 31(6) of The Water Supply (Water Quality) Regulations (Northern Ireland) 2017 the Department of Agriculture, Environment and Rural Affairs hereby revokes:

DWI/Notice/NIW/2020/001 issued on the 30 June 2020.

7.0 Signed {On behalf of the Department of Environment, Agriculture and Rural Affairs):



Colin Clements  
**Interim Chief Inspector of Drinking Water**  
Drinking Water Inspectorate

Date of Issue: 22 January 2024

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