

DWI Ref: AE2-26-71450

Enforcement Ref: DWI/Notice/NIW/2026/001

Date: 20 July 2026

Ms Gillian Shaw
Company Secretary
Northern Ireland Water Ltd
Westland House
40 Old Westland Road
BELFAST
BT14 6TE

Drinking Water Inspectorate
NIEA Headquarters
17 Antrim Road
Tonagh
LISBURN BT28 3AL
Tel: 028 9056 9282
Email: DWI@daera-ni.gov.uk

Dear Ms Shaw,

**NOTICE UNDER REGULATION 31(4) OF THE WATER SUPPLY (WATER QUALITY)
REGULATIONS (NORTHERN IRELAND) 2017**

W4701 KILLYHEVLIN WTW AND ASSOCIATED WATER SUPPLY AREA

SIGNIFICANT RISK OF NON-COMPLIANCE WITH REGULATION 29(4)

Water Treatment Works (WTW)	Water Supply Zones (WSZ)
W4701 Killyhevlin WTW	ZN0803 Killyhevlin West WSZ ZN0804 Killyhevlin East WSZ

- 1.1. The Regulation 31 risk assessment report completed for W4701 Killyhevlin WTW and associated water supply zones [Issue 017, dated 30 March 2026] has indicated there is a significant risk of NI Water breaching Regulation 29(4) of The Water Supply (Water Quality) Regulations (Northern Ireland) 2017.
- 1.2. This is due to the Very High Risk of treatment failure and loss of the treated water supply arising from the exhaustion of stocks of Sirofloc Magnetite™ M-10 required for the coagulation treatment process.
- 1.3. Within the report, NI Water has confirmed a range of short- and medium-term mitigations to manage this risk, including:
 - A pilot plant is operational at Killyhevlin WTW to determine the preferred alternative treatment process to replace the existing Sirofloc Magnetite™ M-10 treatment process.

- Work has commenced on site development and the preparation of a business case for construction of the new treatment process.
 - NI Water has increased on-site storage capacity for the magnetite product and has increased stock levels to ensure that at least seven years' supply is available to maintain the current treatment process.
 - Treatment optimisation is ongoing at the site to reduce magnetite consumption and conserve stock levels without compromising treatment performance or treated water quality.
- 1.4. The attached Regulation 31(4) Notice requires NI Water to complete mitigation measures relating to maintenance of the existing treatment process and identification of the preferred alternate treatment process at Killyhevlin WTW by the date specified on the Notice.
- 1.5. DWI will monitor progress with the remedial measures outlined in this notice through ongoing engagement, and through updates at quarterly compliance programmes meetings.
- 1.6. A Notice issued under Regulation 31(4) is enforceable by the Department under Article 30 of The Water and Sewerage Services (Northern Ireland) Order 2006.

2. Enquiries

Any enquiries relating to this letter should be addressed by email to: elaine.orourke@daera-ni.gov.uk or by telephone: 028 9056 9298.

Copies of this letter are being sent to the Director of Water Regulation and Enforcement Division (Northern Ireland Environment Agency); Director of Water and Drainage Policy Directorate (DfI); Assistant Director of Public Health (PHA); Chief Environmental Health Officer (DOH); Head of Environmental Health (Fermanagh and Omagh District Council); Head of Water and Gas Price Control (Utility Regulator); and Director of Infrastructure and Sustainability (CCNI).

3. Acknowledgement

NI Water should acknowledge receipt of this notice to: dwi@daera-ni.gov.uk.

Yours sincerely



Bernadette Corr

Chief Inspector of Drinking Water

Drinking Water Inspectorate for Northern Ireland



An Agency within the Department of
Agriculture, Environment
and Rural Affairs
www.daera-ni.gov.uk

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Cc: Gary Curran, Director of Engineering & Sustainability Directorate, NI Water Ltd



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Email: DWI@daera-ni.gov.uk

The Water Supply (Water Quality) Regulations (Northern Ireland) 2017

Regulation 31(4): Notice to mitigate a risk

Reference Number: DWI/Notice/NIW/2026/001

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 Regulation 31 report received from **Northern Ireland Water Limited** on 30 March 2026 confirms that:

There is a significant risk of NI Water supplying water from **Killyhevlin WTW** that could constitute an unwholesome water supply in that:

- 2.1 There is a Very High Risk of NI Water Limited breaching Regulation 29(4) of The Water Supply (Water Quality) Regulations (Northern Ireland) 2017 wherein, before supplying water for Regulation 5(1) purposes using water from any source, a water undertaker must design and continuously operate an adequate treatment process for water from the source.

3.0 Through Regulation 31(4) of The Water Supply (Water Quality) Regulations (Northern Ireland) 2017 the Department of Agriculture, Environment and Rural Affairs requires Northern Ireland Water Limited to:

- 3.1 Maintain specified measures to mitigate the risk;
- 3.2 Review, revise, or make operational specified measures;
- 3.3 Audit whether the measures have been effective;
- 3.4 Provide information as required to monitor progress towards mitigation of the risk.

4.0 In order to comply with the requirements of Regulation 31(4), Northern Ireland Water Limited is required to:

- 4.1 Maintain adequate stock of Sirofloc Magnetite™ M-10 to ensure continuation of the existing treatment process.
- 4.2 Optimise treatment to reduce magnetite consumption and conserve stock levels without compromising treatment performance or treated water quality.
- 4.3 Complete a pilot plant study to determine alternative treatment solutions to replace the existing Sirofloc Magnetite™ M-10 treatment process.
- 4.4 Provide the Inspectorate with a copy of the completed pilot plant report.
- 4.5 Identify the preferred treatment option to replace the current Sirofloc Magnetite™ M-10 treatment process.
- 4.6 Provide the Inspectorate with details of the preferred treatment option and proposed timeline for implementation of the new treatment solution.
- 4.7 Monitor, and keep under review, the effectiveness of the measures specified above.
- 4.8 Provide bi-monthly updates to the Inspectorate on progress with the measures specified above.

5.0 The measures outlined in 4.0 above (or measures that will achieve the same effect) must be taken by **31 August 2027**.

6.0 Any product or substance used as a result of the requirements in this Notice must comply with Regulation 33.

7.0 Under Regulation 31(6) this Notice may be revoked or amended by the Department at any time.

8.0 Signed {On behalf of the Department of Environment, Agriculture and Rural Affairs}:



Bernadette Corr

Chief Inspector of Drinking Water for Northern Ireland
Drinking Water Inspectorate

Date of Issue: **20 July 2026**



NOTES

In the opinion of the designated officer, Northern Ireland Water Limited are not complying with The Water Supply (Water Quality) Regulations (Northern Ireland) 2017 as described in paragraph 2.0 of the Notice.

You have a right to carry out work that will achieve the same effect as that described in paragraph 4.0 of the Notice. If you think that there is another equally effective way of complying with the law, you should first discuss it with the designated officer.

This Notice may be amended or revoked by the Department at any time.

WARNING

Failure to comply with this Notice will result in Enforcement Action under Article 30 of The Water and Sewerage Services (Northern Ireland) Order 2006

