Site Visit Report

Under the *European Union (Drinking Water) Regulations 2023*, the Environmental Protection Agency (EPA) is the supervisory authority in relation to Uisce Éireann and its role in the provision of public drinking water supplies. This audit was carried out to assess the performance of Uisce Éireann in providing clean and wholesome water to the public water supply named below.

The audit process is a sample of the performance of a water treatment plant and public water supply on a given date.

Water Supply Zone

Name of Installation	Laragh Annamoe Public Supply
Organisation	Uisce Éireann
Scheme Code	3400PUB1025
County	Wicklow
Site Visit Reference No.	SV34234

Report Detail

Issue Date	01/10/2026
Prepared By	Sarah O'Connor

Site Visit Detail

Date Of Inspection	02/09/2026	**Announced**	No
Time In	11:00	**Time Out**	12:24
EPA Inspector(s) **Additional Visitors**	Sarah O'Connor Sean O'Leary		
Company Personnel	Uisce Éireann: Joseph Moran, Robbie Confrey, Jessica Evans, Eoghan Forristal, Redmond Cody, Thomas Brennan, Noel Doody. Wicklow County Council (working in partnership with Uisce Éireann): Myles Byrne		

Summary of Key Findings

1. Filter backwashing at the water treatment plant is undertaken manually by site personnel.

2. There was no site specific documented alarm response procedure.

Uisce Éireann should submit a report to the EPA on or before 02/11/2026 detailing the actions taken and planned, with timescales, to close out the four recommendations in this audit report.

Introduction

The Laragh Public Water Supply (PWS) supplies an average of 321 m3/day of water, serving a population of approximately 679 people. Raw water is abstracted from the River Glenmacnass located across from the Water Treatment Plant (WTP), with treatment consisting of coagulation, pH correction, clarification, RGSF, fluoridation and disinfection. Treated water is stored in an on-site reservoir.

The audit was undertaken to assess Uisce Éireann's performance in producing clean and wholesome water with a focus on operations at the WTP.

Supply Zones Areas Inspected

Treatment processes on-site were inspected as part of the audit.

1. Filtration

		Answer
1.1	Are the filters designed and managed in accordance with EPA guidance?	Yes

Comment

1. Automatic backwash is possible but is not currently used at the water treatment plant.

Recommendation:

1. In accordance with the EPA Water Filtration Manual consider activating an automatic backwash trigger for headloss, turbidity or time.

2. Alarms, Inhibits & Oversight Audits 2026

		Answer
2.1	Are plant performance trends accessible by operational staff at the water treatment plant?	No

Comment

1. On the day of the audit, the onsite HMI was not in operation and showed no trending data. On-site staff had access to the performance trends via an Uisce Éireann staff tablet, however, due to poor reception at the water treatment plant staff were unable to connect to the internet preventing access to the trend data.

Recommendation:

2. Ensure that the HMI is operational and capable of displaying relevant performance trends.

3. Install Wi-Fi connection at the water treatment plant to enable staff to access trends on the staff tablet.

		Answer
2.2	Is there a documented procedure for responding to specific alarms?	No

Comment

1. Uisce Éireann confirmed that there was no site specific documented alarm response procedure.

Recommendation:

4. Ensure that (i) a formal documented site-specific alarm response procedure is in place at the treatment plant and (ii) provide training to relevant staff (including relief and temporary staff) on the requirements of the alarm response procedure.

Recommendations

Actions required by Uisce Éireann

During the audit, Uisce Éireann representatives were advised of the audit findings and that action must be taken by Uisce Éireann to address the issues raised.

Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the recommendations raised in this report without delay.

Response to Audit Report

Uisce Éireann should submit a report to the EPA on or before the date specified in the Summary of Key Findings detailing the actions taken and planned, with timescales, to close out the recommendations in this audit report.

The EPA advises that the findings and recommendations from this report should, where relevant, be addressed at other public water supplies.

Publication of Reports

Audit reports are published to the EPA's website, www.epa.ie, typically 1 month after the audit report is issued to Uisce Éireann.