

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	Glanworth
Organisation	Uisce Éireann
Scheme Code	0500PUB1509
County	Cork
Site Visit Reference No.	SV34841

Report Detail	
Issue Date	07/05/2026
Prepared By	Maeve McHugh

Site Visit Detail			
Date Of Inspection	12/03/2026	Announced	Yes
Time In	14:15	Time Out	15:20
EPA Inspector(s)	Maeve McHugh David O'Malley		
Additional Visitors			
Company Personnel	Uisce Éireann: Denis Hayes, Billy Mulcahy, Claire Hurley, Sharon O'Dwyer, Michael O'Mahony.		

> Summary of Key Findings

The audit found that Glanworth water treatment plant (WTP) was operating satisfactorily on the day of the visit.

Uisce Éireann should submit a report to the EPA on or before 08/06/2026 detailing the actions taken and planned, with timescales, to close out the four recommendations in this audit report.

> Introduction

The Glanworth Public Water Supply (PWS) supplies an average of 808 m³/day, serving a population of 1,058. It is a groundwater supply fed from a single borehole. Treatment consists of pH correction, chlorination and fluoridation. Treated water is pumped and 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 the alarms and inhibits in place at the water treatment plant (WTP).

> Supply Zones Areas Inspected

The treatment plant and associated equipment and monitors and the wellhead were inspected during the audit.



1. Alarms, Inhibits & Oversight Audits 2026

		Answer
1.1	Are plant performance trends accessible remotely?	No
Comment		
<p>1. At the time of the audit there had been recent issues whereby WTP trend data, which was available locally, was not yet available on the county SCADA system.</p>		
Recommendation:		
<p>1. Assess and resolve the issues experienced with the SCADA system to ensure that treatment plant process trends are transmitted to the county SCADA to ensure appropriate oversight.</p>		

		Answer
1.2	Is there a documented procedure for responding to specific alarms?	No
Comment		
<p>1. Uisce Éireann confirmed that there was no site-specific documented alarm response procedure but that one is being developed.</p>		
Recommendation:		
<p>2. 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.</p>		



2. Site Specific Issues

	Answer	
2.1	Is the abstraction source adequately protected against contamination?	No
Comment		
<p>1. The treatment plant is located in a mainly agricultural area. Based on the 2024 and 2025 monitoring data submitted subsequent to the audit, two samples were monitored for Group B parameters, one in 2024 and one in 2025. In each of the two samples nitrate was detected (at 29 mg/l in the 2024 sample and at 28.6 mg/l in the 2025 sample). While these levels do not constitute parametric failures they may be indicative of contamination from agricultural or other activity.</p> <p>Recommendation:</p> <p>3. Liaise with Cork County Council to ensure that local landowners have been written to in accordance with the European Union (Good Agricultural Practice for the Protection of Waters) Regulations 2022, as amended.</p>		

	Answer	
2.2	Was there a plan in place for repair of any pump not in operation during the audit?	No
Comment		
<p>1. The pH dosing pump is faulty and sometimes overheats.</p> <p>Recommendation:</p> <p>4. Confirm that the pH dosing pump is operating correctly.</p>		

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.