

# 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	Camross PWS
Organisation	Uisce Éireann
Scheme Code	1600PUB0082
County	Laois
Site Visit Reference No.	SV32004

Report Detail	
Issue Date	02/04/2025
Prepared By	Derval Devaney

Site Visit Detail			
Date Of Inspection	12/03/2025	Announced	Yes
Time In	14:05	Time Out	15:00
EPA Inspector(s)	Derval Devaney Ruth Barrington		
Additional Visitors			
Company Personnel	Uisce Éireann (UÉ): Linda Doran, Maria Lloyd. Laois County Council (working in partnership with UÉ): Conor Ryle, Tony Saunders, Tom O'Carroll.		

## > Summary of Key Findings

1. The audit found that the water treatment plant serving Camross Public Water Supply was operating satisfactorily on the day with good management systems in place.

## > Introduction

The Camross Public Water Supply (PWS) serves on average 4 - 5 m<sup>3</sup>/d of treated water to approximately 34 people (12 houses) in Camross, Co Laois. The raw water is abstracted from a borehole next to the water treatment plant (WTP) and undergoes disinfection with sodium hypochlorite.

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 WTP and the procedures in place to ensure appropriate oversight of treatment process.

## > Supply Zones Areas Inspected

The audit assessed alarm and automatic shutdown set-points for the treatment process and process verification data from continuous online monitors. Procedures relating to the management and oversight of the water treatment process were also inspected, in addition to the borehole and disinfection process.



## 1. Alarms, Inhibits & Oversight Audits 2025

1.1

Are plant performance trends accessible by operational staff at the water treatment plant?

**Answer**

Yes

**Comment**

1. Plant performance trends are not displayed on screens via HMI or SCADA at the water treatment plant. However, the plant operator can access trends on his laptop.
2. Trends for final water chlorine and turbidity from 05/02/2025 - 05/03/2025, submitted in advance of the audit, were reviewed and discussed during the audit. It was explained that the two brief dips on the chlorine trend, on 06/02/2025 and 05/03/2025, were believed to be due to a connectivity issue.

Recommendations

Subject	Camross Audit Recommendations	Due Date	02/04/2025
Action Text	<p><b>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendations without delay:</b></p> <ol style="list-style-type: none"><li>1. Ensure plant performance trends are accessible to operators at the water treatment.</li><li>2. Ensure that the clean and wholesome supply of drinking water is maintained, and Camross PWS continues to be suitably managed and operated at all times.</li></ol> <p><b>Actions required by Uisce Éireann</b></p> <p>During the audit, Uisce Éireann representatives were advised of the audit findings.</p> <p>The EPA advises that the findings and recommendations from this audit report should, where relevant, be addressed at other public water supplies.</p>		