

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	South Dublin Zone 4
Organisation	Uisce Éireann
Scheme Code	0800PUB1004
County	Dublin
Site Visit Reference No.	SV32039

Report Detail	
Issue Date	18/02/2025
Prepared By	Michelle Roche

Site Visit Detail			
Date Of Inspection	28/01/2025	Announced	Yes
Time In	12:50	Time Out	13:26
EPA Inspector(s)	Michelle Roche		
Additional Visitors			
Company Personnel	Uisce Eireann: Jessica Evans, Karl Dalton, Juan Antonio Gragera Rubio. South Dublin County Council (working in partnership with Uisce Éireann): Jamie Moran.		

> Summary of Key Findings

1. The audit found that booster chlorination at Peamount Reservoir was operating satisfactorily on the day of the audit with good management systems in place.

> Introduction

Peamount Reservoir receives treated water from Leixlip Drinking Water Treatment Plant in County Dublin. The treated water receives a booster chlorination dose (disinfection) at Peamount Reservoir before water is distributed to South Dublin Zone 4. The reservoir is managed and operated by South Dublin County Council in partnership with Uisce Éireann. 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 on the booster chlorination and the procedures in place to ensure appropriate oversight of the chlorination process.

> Supply Zones Areas Inspected

The audit consisted of interviews with Uisce Éireann and South Dublin County Council. The dosing infrastructure and dose validation monitors were also viewed.



1. Alarms, Inhibits & Oversight Audits 2025

1.1

Is there a documented site specific incident response and incident escalation process?

Answer

Yes

Comment

1. At the time of the audit there was no written site specific incident response and incident escalation procedure in place and displayed at Peamount Reservoir. There was a well defined working procedure in place where the South Dublin County Council Supervisor responds to alarms in the first instance.

2. Following the audit Uisce Éireann confirmed that a written site specific incident response and incident escalation procedure was developed and is now displayed at the Reservoir.

Recommendations

Subject	Peamount Reservoir Audit Recommendations	Due Date	18/03/2025
Action Text	<p>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendations without delay.</p> <p>1. Uisce Éireann should ensure that the clean and wholesome supply of drinking water is maintained and Peamount Reservoir continues to be suitably managed and operated at all times.</p> <p>Actions required by Uisce Éireann</p> <p>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.</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>		