

# 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	DCC Zone 6
Organisation	Uisce Éireann
Scheme Code	0700PUB1007
County	Dublin
Site Visit Reference No.	SV30180

Report Detail	
Issue Date	08/07/2024
Prepared By	Michelle Roche

Site Visit Detail			
Date Of Inspection	06/06/2024	Announced	Yes
Time In	11:00	Time Out	12:10
EPA Inspector(s)	Michelle Roche		
Additional Visitors			
Company Personnel	Uisce Éireann: Ed Haythornthwaite, Jessica Evans, Agnes Woodorska. Dublin City Council (operating in partnership with Uisce Éireann): Ross Pegley.		

## > Summary of Key Findings

1. The audit found that booster chlorination at Stillorgan Reservoir was operating satisfactorily on the day of the audit with good management systems in place.
2. Continuous online chlorine residual monitors were out of calibration on the day of the audit since March 2024.

## > Introduction

Stillorgan Reservoir receives treated water from Vartry Drinking Water Treatment Plant in County Wicklow and Ballymore Eustace Water Treatment Plant in County Dublin. The treated water receives a booster chlorination dose (disinfection) at Stillorgan Reservoir before water it is distributed across Dublin City.

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 Dublin City Council staff and an walk through of the water treatment building.



## 1. Alarms, Inhibits & Oversight Audits 2024

1.1

Were online monitors within their calibration dates?

**Answer**

No

**Comment**

1. Continuous online chlorine residual monitors were out of calibration since March 2024. Dublin City Council staff are responsible for carrying out monitor calibrations on a pre-determined schedule.

## Recommendations

Subject	Stillorgan Reservoir Audit Recommendations	Due Date	08/08/2024
Action Text	<p><b>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendation without delay.</b></p> <p>1. Ensure that all monitors are regularly maintained and calibrated in accordance with the manufacturer's instructions and completed calibrations are documented.</p> <p><b>Actions required by Uisce Éireann</b></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>Uisce Éireann should submit a report to the EPA on or before 08/08/2024 detailing the actions taken and planned, with timescales, to close out the above recommendation.</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>		