

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	Fingal Zone 1
Organisation	Uisce Éireann
Scheme Code	0900PUB1001
County	Dublin
Site Visit Reference No.	SV32670

Report Detail	
Issue Date	17/06/2025
Prepared By	Michelle Roche

Site Visit Detail			
Date Of Inspection	20/05/2025	Announced	Yes
Time In	12:50	Time Out	13:20
EPA Inspector(s)	Michelle Roche		
Additional Visitors			
Company Personnel	Uisce Éireann: Pdraig Keenan, Tselo Tlou, Neil Hardy, Linda Doran, Conor Flanagan and David Burke.		

> Summary of Key Findings

1. The audit found that booster chlorination at Thomastown Reservoir was operating satisfactorily on the day of the audit with good management systems in place.
2. One of the inspection hatches on the top of the reservoir had no lock in place to prevent unauthorised access to the treated water reservoir.

> Introduction

Thomastown Reservoir receives treated water from Ballycoolin Reservoir via Lissenhall and provides a booster chlorination dose on the inlet of Thomastown Reservoir. An additional booster chlorination dose can be provided on the outlet of the reservoir, if required. The reservoir serves Fingal Zone 1 public drinking water supply.

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 an inspection of the dosing and validation infrastructure



1. Reservoirs and Distribution Networks

1.1

Is treated water in tanks and reservoirs suitably protected against contamination?

Answer

No

Comment

1. One of the inspection hatches on the top of the reservoir did not have a lock in place. Uisce Éireann staff undertook to install a suitable lock directly after the audit.

Recommendations

Subject	Thomastown Audit Recommendations	Due Date	20/07/2025
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> <ol style="list-style-type: none">1. Ensure that the clean and wholesome supply of drinking water is maintained and Thomastown Reservoir continues to be suitably managed and operated at all times.2. Ensure that all inspection hatches are sealed and locked to prevent contamination or unauthorised access to the treated water reservoir. <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>Uisce Éireann should submit a report to the EPA on or before 20/07/2025 detailing the actions taken and planned, with timescales, to close out the above recommendations.</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>		