

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 1 BALLYMORE
Organisation	Uisce Éireann
Scheme Code	0700PUB1001
County	Dublin
Site Visit Reference No.	SV30181

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

Site Visit Detail			
Date Of Inspection	06/06/2024	Announced	Yes
Time In	12:55	Time Out	14:20
EPA Inspector(s)	Michelle Roche		
Additional Visitors			
Company Personnel	Uisce Éireann: Ed Haythornthwaite, Jessica Evans, David McDonald. Dublin City Council (working in partnership with Uisce Éireann): Eoin Walsh, Dermot Egan. Coffey Group (contractor to Uisce Éireann): Seamus Conneely.		

> Summary of Key Findings

1. The audit found that booster chlorination at Saggart Reservoir was operating satisfactorily on the day of the audit with good management systems in place.
2. Water quality alarms dial out to two Dublin City Council operators at once. There is currently no formal procedure in place for operators to communicate to one another that an alarm has been responded to.

> Introduction

Saggart Reservoir receives treated water from Ballymore Eustace Water Treatment Plant in County Dublin. The treated water receives a booster chlorination dose (disinfection) at Saggart Reservoir before water is distributed across the Greater Dublin Area. Saggart Reservoir and the associated water treatment building was newly constructed in August 2023 by Coffey Group. At the time of the audit the process of handing over full control of the site from Coffey Group to Uisce Éireann and Dublin City Council was ongoing.

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 a walk through of the water treatment building.



1. Alarms, Inhibits & Oversight Audits 2024

1.1

Are dial out arrangements suitable to allow a timely response?

Answer

No

Comment

1. Alarms dial out to two Dublin City Council operators at once. There is currently no formal procedure in place to for operators to communicate to one another that an alarm has been responded to.

2. Dublin City Council are addressing this procedure as part of the process of taking full control of Saggart Reservoir from Coffey Group.

Recommendations

Subject	Saggart Reservoir Audit Recommendations	Due Date	08/08/2024
Action Text	<p>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendations.</p> <ol style="list-style-type: none">1. Uisce Éireann should put in place a suitable procedure to verify that water quality alarms have been responded to and a timely alarm response is provided.2. Uisce Éireann should ensure that the clean and wholesome supply of drinking water is maintained and that Saggart Reservoir continues to be suitably managed and operated at all times upon handover from the contractor to Uisce Éireann and Dublin City Council. <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 08/08/2024 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>		