

# 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	Newport RWSS
Organisation	Uisce Éireann
Scheme Code	2800PUB1004
County	Tipperary
Site Visit Reference No.	SV33346

Report Detail	
Issue Date	17/12/2025
Prepared By	Joanne Creedon

Site Visit Detail			
Date Of Inspection	18/11/2025	Announced	Yes
Time In	11:00	Time Out	11:25
EPA Inspector(s)	Joanne Creedon		
Additional Visitors			
Company Personnel	Uisce Éireann: Denis McGrath, Noel Maher. Tipperary County Council (working in partnership with Uisce Éireann): Matt O' Leary.		

## > Summary of Key Findings

Disinfection consists of chlorination. The audit found that the disinfection system was operating satisfactorily during the inspection.

## > Introduction

This audit is an inspection of the Newport RWSS (O'Gorman's Well) and is focused on the disinfection system. O'Gorman's Well Water Treatment Plant pumps 757 m<sup>3</sup>/day into the Newport RWSS.

## > Supply Zones Areas Inspected

This audit assessed the chlorination disinfection system at Newport RWSS (O'Gorman's Well).



## 1. Disinfection Audits 2025

		Answer
1.1	Is chlorination used for primary disinfection?	Yes
		Answer
1.2	Did Uisce Éireann confirm the type of chlorine disinfectant in use?	Yes
		Answer
1.3	Are there duty and standby chlorine dosing pumps in place?	Yes
		Answer
1.4	Is there automatic switchover in the event of failure of one of the chlorine dosing pumps?	Yes
		Answer
1.5	Is the chlorine dosing rate flow proportional?	No
		Answer
1.6	Is the chlorine dosing rate fixed?	Yes
		Answer
1.7	Is there a continuous residual chlorine monitor, with alarm, to verify chlorine dosing is taking place at the target level?	Yes
		Answer
1.8	Is there a continuous residual chlorine monitor, with alarm, at a suitable sample location after contact time has been completed?	Yes
		Answer
1.9	Can data trends from the online residual monitor be viewed on site?	Yes
		Answer
1.10	Are there low and high chlorine alarm settings on each chlorine monitor?	Yes

		<b>Answer</b>
1.11	Is there a documented alarm response procedure for responding to chlorine alarms?	Yes
		<b>Answer</b>
1.12	Have staff been trained on the chlorine alarm response procedure?	Yes
		<b>Answer</b>
1.13	Are chlorine alarms dialled out via a cascade system to allow a timely response by plant operators?	Yes
		<b>Answer</b>
1.14	Is there automatic shutdown of the supply in the event of the chlorine level dropping below the low level or rising above the high chlorine alarm setting?	Yes
		<b>Answer</b>
1.15	Are service due / monitoring instrument calibration dates for the chlorine monitors within date?	Yes
		<b>Answer</b>
1.16	Is the site specific target contact time being achieved?	Yes
		<b>Answer</b>
1.17	Is the residual chlorine level $\geq 0.1$ mg/l at the extremity of the distribution network?	Yes
		<b>Answer</b>
1.18	Is monitoring of network residual chlorine undertaken several times per week?	Yes

## Recommendations

<b>Subject</b>	Newport RWSS (O'Gorman's Well) - Disinfection Audit	<b>Due Date</b>	15/01/2026
<b>Action Text</b>	<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 that the disinfection stage 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 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>		