

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	Horse & Jockey PWS
Organisation	Uisce Éireann
Scheme Code	2800PUB1011
County	Tipperary
Site Visit Reference No.	SV30497

Report Detail	
Issue Date	31/10/2024
Prepared By	David O'Malley

Site Visit Detail			
Date Of Inspection	30/09/2024	Announced	Yes
Time In	13:30	Time Out	14:15
EPA Inspector(s)	David O'Malley Sean O'Leary		
Additional Visitors			
Company Personnel	Uisce Éireann: Denis McGrath. Tipperary County Council (working in partnership with Uisce Éireann):		

> Summary of Key Findings

1. Elevated turbidity was detected in the final treated water at the Horse and Jockey water treatment plant from the 26/08/2024 to the 02/09/2024. Following consultation with the HSE a Boil Water Notice was issued on the 03/09/2024. The Boil Water Notice is currently in place.
2. The Horse and Jockey water treatment plant is due to be rationalised to Thurles Regional water treatment plant in Q4 2024.

> Introduction

The Horse and Jockey public water supply (PWS) supplies an average of 221 m³ of water, serving a population of 626 (2024 EDEN). The source for the supply is one borehole and treatment consists of chlorination disinfection.

The audit was undertaken in response to elevated turbidity in the final treated water which lead to a subsequent Boil Water Notice that was put in place on the 03/09/2024. The Boil Water Notice is currently in place.

> Supply Zones Areas Inspected

The online monitors, chlorination dosing system and incident response procedures were inspected at the water treatment plant.



1. Incident Management

	Answer
1.1 Was the incident suitably alerted to the plant operators, escalated and managed in order to maintain water quality and protect public health?	Yes
Comment	
<p>The Horse and Jockey water treatment plant (WTP) observed turbidity levels elevating between the 26/08/24 to the 02/09/24 due to low water levels in their borehole. On the 03/09/24 Uisce Éireann contacted the HSE due to turbidity levels over 1 NTU and following consultation a Boil Water Notice was put in place affecting a population of 626. The removal of the Boil Water Notice is dependent on two full weeks of low turbidity (below 1 NTU) and that chlorine residuals are within the applicable range.</p>	

Recommendations

Subject	Actions Required	Due Date	28/11/2024
Action Text	<p>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendation(s) without delay.</p> <ol style="list-style-type: none">1. Maintain appropriate chlorine residual levels on the public water supply network.2. Continue to monitor turbidity levels and consult with the HSE when turbidity levels are below 1NTU for a two week period. <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 28/11/2024 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>		