

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	Enniscorthy
Organisation	Uisce Éireann
Scheme Code	3300PUB1491
County	Wexford
Site Visit Reference No.	SV34232

Report Detail	
Issue Date	16/02/2026
Prepared By	Sean O'Leary

Site Visit Detail			
Date Of Inspection	21/01/2026	Announced	Yes
Time In	13:00	Time Out	14:30
EPA Inspector(s)	Sean O'Leary Maeve McHugh		
Additional Visitors			
Company Personnel	Uisce Éireann: Bríd Whelan, Stephen Kelly, Melissa Devane, Anthony Nolan, Pádraig Lyng and Diane Carroll Wexford County Council (working in partnership with Uisce Éireann): Barry Hammel. DWC Construction: Kevin McDaid		

> Summary of Key Findings

1. The Enniscorthy Public Water Supply (PWS) was on the EPA Remedial Action List (RAL) under the RAL Category 'inadequate treatment for *Cryptosporidium*'.
2. Uisce Éireann has completed upgrade works on the main treatment processes at the plant including a new raw water intake, an upgrade to existing rapid gravity filters and upgraded sludge storage. Uisce Éireann submitted 12 months of compliant *Cryptosporidium* monitoring data and 2 months of compliant plant performance trends showing an adequate barrier has been installed and commissioned.
3. The completion of the works and the submission of verification data has allowed the Enniscorthy to be removed from the EPA's Remedial Action List in the Quarter 4 2025 review.

Uisce Éireann should submit a report to the EPA on or before 16/03/2026 detailing the actions taken and planned, with timescales, to close out any recommendations in this audit report.

> Introduction

The Enniscorthy Public Water Supply (PWS) serves a population of 12,454 and produces 4,735 m³/day. Raw water is sourced from the River Slaney at the Clonhasten intake approximately 2 km away from the water treatment plant.

Treatment consists of coagulation, flocculation, and clarification (CFC); rapid gravity filtration (RGF) and chlorination with sodium hypochlorite.

Enniscorthy PWS was placed on the EPA's Remedial Action List (RAL) on the 30/09/2022 due to inadequate treatment for *Cryptosporidium*. The purpose of the audit was to assess the suitability of the Enniscorthy PWS for removal from the EPA's RAL.

> Supply Zones Areas Inspected

Treatment processes upgraded under RAL were inspected on-site, along with supporting information on controls and monitoring results.



1. Supply on the Remedial Action List

	Answer
1.1 Do the audit findings support progress made with the Remedial Action List upgrades?	Yes
<p>Comment</p> <p>1. The purpose of the audit was to assess the suitability of the supply for removal from the EPA's remedial action list under the category 'Inadequate treatment for <i>Cryptosporidium</i>'. Uisce Éireann submitted information to the EPA on 16/01/2026 summarising the upgrades completed.</p> <p>2. The audit confirmed the following upgrade works have been completed at the Enniscorthy water treatment plant and network. The main work items completed at the new water treatment plant can be summarised as follows:</p> <ul style="list-style-type: none"> • Raw water intake: The raw water intake has been completely upgraded with a new intake structure, pumping station, rising main and installation of monitors for ammonia, nitrates, turbidity and hydrocarbons. This has secured the abstraction point from occasional flooding events which occur on the Slaney. • CFC optimisation: Installation of two new flocculation tanks, automatic run to waste on clarifiers based on turbidity, upgraded alum storage for raw water coagulation, new alum dosing pumps and new pH adjustment system with both sulphuric acid 96% and NaOH 25% to adjust pH prior to filtration, • Filter Upgrade work: Upgrades to filters inclusive of filter floor, increased weir height and mono-media replacement, installation of run to waste from all filters activated by turbidity of 0.2 NTU for 15 mins, headloss and time (72 hours). • Treated Water works /WTP infrastructure works : PLC upgrade, new electrical distribution panel, new orthophosphoric acid storage and dosing system, upgraded wastewater storage tanks and appropriate alarm and inhibit controls installed. <p>3. The audit confirmed the treatment infrastructure has been commissioned and all elements were operational on the day of the audit. Trend data assessed on the day of the audit and sent in prior to the confirmed the plant was compliant and was operating efficiently.</p> <p><u>Recommendation:</u></p> <p>1. Continue to operate the plant so that adequately treated water enters the supply.</p>	

Recommendations

Actions required by Uisce Éireann

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.

Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the recommendations raised in this report without delay.

Response to Audit Report

Uisce Éireann should submit a report to the EPA on or before the date specified in the Summary of Key Findings detailing the actions taken and planned, with timescales, to close out the recommendations in this audit report.

The EPA advises that the findings and recommendations from this report should, where relevant, be addressed at other public water supplies.

Publication of Reports

Audit reports are published to the EPA's website, www.epa.ie, typically 1 month after the audit report is issued to Uisce Éireann.