

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	Monageer
Organisation	Uisce Éireann
Scheme Code	3300PUB1675
County	Wexford
Site Visit Reference No.	SV34979

Report Detail	
Issue Date	25/08/2026
Prepared By	David O'Malley

Site Visit Detail			
Date Of Inspection	30/07/2026	Announced	Yes
Time In	14:00	Time Out	15:00
EPA Inspector(s)	David O'Malley Hisham Ahmed		
Additional Visitors			
Company Personnel	Uisce Éireann: Bríd Whelan and Kyle Lambert.		

> Summary of Key Findings

1. The final water pH correction dosing system at the Monageer Public Water Supply has been operating below the required dosing rate due to blockages in the dosing line resulting from the pH correction chemical.
2. There are no turbidity warning alarms in place to alert operators of deteriorating water quality.

Uisce Éireann should submit a report to the EPA on or before 24/09/2026 detailing the actions taken and planned, with timescales, to close out the three recommendations in this audit report.

> Introduction

The Monageer Water Treatment Plant (WTP) produces approximately 67 m³/day of water serving a population of 199 (EDEN 2026 figures). The source for the supply is one onsite borehole. Treatment consists of pH correction and chlorination.

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 at the WTP and the procedures in place to ensure appropriate oversight of treatment processes.

> Supply Zones Areas Inspected

The pH correction system and the chlorine dosing system at the water treatment plant were inspected.



1. Alarms, Inhibits & Oversight Audits 2026

1.1

Are suitable alarm settings in place to alert operators to deteriorating water quality or the failure of a critical treatment process?

Answer

No

Comment

1. There are no turbidity warning alarms in place at the plant to alert operators to deteriorating water quality.

Recommendation:

1. Put in place suitable turbidity alarm settings to alert operators to deteriorating water quality.

1.2

Is there a documented procedure for responding to specific alarms?

Answer

No

Comment

1. Uisce Éireann confirmed that there is no site specific documented alarm response procedure.

Recommendation:

2. Ensure that (i) a formal documented site-specific alarm response procedure is in place at the treatment plant and (ii) provide training to relevant staff (including relief and temporary staff) on the requirements of the alarm response procedure.



2. Site Specific Issues

2.1

Are all treatment processes operational?

Answer

No

Comment

1. The sodium hydroxide dosing system for pH correction has been dosing at a flow rate lower than required for approximately four months. Due to the stop/start nature of the plant, the sodium hydroxide solidifies in the dosing line and causes an increase in water pressure affecting the operation of other monitoring instruments. On the day of the audit the online pH measurement was reading 6.14 in the final water which is below the lower pH parametric value of 6.5.

Recommendation:

3. a) Undertake actions to reinstate the pH correction system to normal operation and b) confirm the pH of the final water is in compliance.

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.