

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 | Flagmount PWS |
| Organisation | Uisce Éireann |
| Scheme Code | 0300PUB1035 |
| County | Clare |
| Site Visit Reference No. | SV31958 |

| Report Detail | |
|---------------|-----------------|
| Issue Date | 16/06/2025 |
| Prepared By | Orla Harrington |

| Site Visit Detail | | | |
|---------------------|---|-----------|-------|
| Date Of Inspection | 14/04/2025 | Announced | Yes |
| Time In | 13:30 | Time Out | 14:30 |
| EPA Inspector(s) | Orla Harrington | | |
| Additional Visitors | | | |
| Company Personnel | Uisce Éireann: Tommy Roche, Barry O'Mahony Clare County Council (working in partnership with Uisce Éireann): Richard McArthur. | | |

> Summary of Key Findings

1. Flagmount water treatment plant was operating satisfactorily on the day of the audit.

> Introduction

The Flagmount public water supply serves 40 m3/day to a population of approximately 31 from a single borehole located adjacent to Lough Graney. The volume reported on the EPA EDEN system is incorrect and should be updated. Water is pumped from the borehole to the water treatment plant where it is disinfected by chlorination. Treated water is stored in an onsite reservoir at the water treatment plant and water levels in the reservoir control raw water demand from the borehole and operation of the plant.

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

> Supply Zones Areas Inspected

The treatment processes were inspected during the audit and monitoring and control systems including alarm setpoints were reviewed.



1. Source Protection

1.1

Is the abstraction source(s) adequately protected against contamination?

Answer

No

Comment

1. The borehole is not sealed or capped in accordance with EPA Drinking Water Advice Note No. 14: Borehole Construction and Wellhead Protection.



2. Alarms, Inhibits & Oversight Audits 2025

2.1

Are there appropriate procedures covering verification of alarms and inhibits status following maintenance or other work on site?

Answer

No

Recommendations

| Subject | Flagmount PWS - Audit Report | Due Date | 17/07/2025 |
|-------------|--|----------|------------|
| Action Text | <p>Uisce Éireann is responsible for ensuring a clean and wholesome supply of drinking water and should implement the following recommendations without delay.</p> <p>1. (ii) Put a documented procedure in place for operators and contractors covering verification of alarms and inhibit status following maintenance or other work onsite and (ii) ensure staff are trained in the procedure.</p> <p>2. Update EDEN with the correct volume for the supply.</p> <p>3. Ensure the borehole is adequately capped and sealed. Uisce Éireann should have regard to EPA Advice Note No. 14: Borehole Construction and Wellhead Protection when carrying out these works.</p> <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 17/07/2025 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> | | |