

# 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               |               |
|---------------------------------|---------------|
| <b>Name of Installation</b>     | Adrigole      |
| <b>Organisation</b>             | Uisce Éireann |
| <b>Scheme Code</b>              | 0500PUB4201   |
| <b>County</b>                   | Cork          |
| <b>Site Visit Reference No.</b> | SV31975       |

| Report Detail      |              |
|--------------------|--------------|
| <b>Issue Date</b>  | 18/06/2025   |
| <b>Prepared By</b> | Paul Buckley |

| Site Visit Detail          |  |                  |       |
|----------------------------|--|------------------|-------|
| <b>Date Of Inspection</b>  | 21/05/2025   | <b>Announced</b> | Yes   |
| <b>Time In</b>             | 11:00  | <b>Time Out</b>  | 12:30 |
| <b>EPA Inspector(s)</b>    | Paul Buckley<br>Regina Campbell  |                  |       |
| <b>Additional Visitors</b> |  |                  |       |
| <b>Company Personnel</b>   | Uisce Éireann - Brian Harrington, Sharon O'Dwyer, Claire Hurley.<br>Cork County Council (working in partnership with Uisce Éireann) - Con O'Sullivan, Michael Russell. |                  |       |

## > Summary of Key Findings

1. The water treatment plant is well operated and managed on a day to day basis.
2. The protozoal log treatment requirement for the source of the Adrigole Public Water Supply has not been determined. The source and sanitary survey has been completed and was in the peer review process at the time of the audit.

## > Introduction

The Adrigole Public Water Supply (PWS) supplies an average of 326 m<sup>3</sup>/day, serving a population of 233 people.

The supply is sourced from the Clashduff River, with the intake located adjacent to the plant. Treatment consists of pH correction, pressure filtration, ultraviolet (UV) disinfection and chlorination. This is not reflective of the treatment types listed on the EPA EDEN system.

The audit was undertaken to assess Uisce Éireann's performance in producing clean and wholesome water with a focus on the protozoal barriers in place at the water treatment plant.

## > Supply Zones Areas Inspected

The intake, pH correction system, pressure filtration system, ultraviolet disinfection system, and the chlorination system were inspected.



## 1. Protozoal Barriers Audits 2025

1.1

Has UÉ identified the protozoal compliance log treatment requirement for the water treatment plant?

**Answer**

No

**Comment**

The protozoal compliance log treatment requirement has not been determined. The source and sanitary survey has been completed and is in the peer review process.

## Recommendations

|                    |   |                 |            |
|--------------------|---|-----------------|------------|
| <b>Subject</b>     | EPA Audit Recommendations Adrigole 21052025   | <b>Due Date</b> | 18/07/2025 |
| <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 recommendation(s) without delay.</b></p> <ol style="list-style-type: none"><li>1. i) Confirm the protozoal log treatment requirement for the Adrigole supply and ii) confirm how any log deficit, if identified, will be addressed.</li><li>2. Update EDEN with the correct treatment types in place at the plant.</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>Uisce Éireann should submit a report to the EPA on or before 18/07/2025 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> |                 |            |