

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	Kilineer
Organisation	Uisce Éireann
Scheme Code	2100PUB1015
County	Louth
Site Visit Reference No.	SV28388

Report Detail	
Issue Date	14/12/2023
Prepared By	Lorcan Farrell

Site Visit Detail			
Date Of Inspection	23/11/2023	Announced	Yes
Time In	12:00	Time Out	12:30
EPA Inspector(s)	Lorcan Farrell		
Additional Visitors			
Company Personnel	Uisce Éireann: Daniel Behan. Louth County Council (Working in partnership with Uisce Éireann): Patrick Callan, Linda Lynch, Francis McGlew.		

> Summary of Key Findings

1. Kilineer Water Treatment Plant (WTP) was operating satisfactorily on the day of the audit.
2. The protozoal log treatment requirement for Kilineer WTP has not been assessed to date.

> Introduction

Kilineer Public Water Supply (PWS) serves a population of 27 (EDEN figure) and is supplied by Kilineer WTP. The treatment plant produces approximately 5 m³/day and sources its water from a single borehole located at the treatment plant. Treatment consists of cartridge filtration and UV disinfection.

The audit was undertaken to assess Uisce Éireann's performance in producing clean and wholesome water.

> Supply Zones Areas Inspected

The audit included a site tour of Kilineer WTP.



1. Management and Control

	Answer
1.1	Has the protozoal compliance log treatment requirement been identified for the water treatment plant? Comment 1. An assessment of the protozoal log treatment requirement for Kilineer WTP has yet to be completed. No date was available for when an assessment would take place. 2. No operational monitoring under the Uisce Éireann Operational Monitoring programme is taking place at the treatment plant.



2. Site Specific Issues

	Answer
2.1 Is the infrastructure at the treatment plant adequately protected from outside interference?	No
Comment	
1. The electrical cable powering the borehole pump that runs between the pumphouse and borehole was visible and accessible leaving it vulnerable to outside interference.	

Recommendations

Subject	Kilineer - Audit Recommendations	Due Date	16/01/2024
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> <ol style="list-style-type: none">1. Confirm the log treatment requirement for Kilineer Water Treatment Plant.2. Begin monitoring at the treatment plant under the Uisce Éireann Operational Monitoring Programme.3. Protect the exposed electrical cable connecting the pumphouse to the borehole pump to prevent outside interference. <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 16/01/2024 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>		