

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	Ceann Trá PWS 074D
Organisation	Uisce Éireann
Scheme Code	1300PUB1045
County	Kerry
Site Visit Reference No.	SV34866

Report Detail	
Issue Date	08/07/2026
Prepared By	Regina Campbell

Site Visit Detail			
Date Of Inspection	12/05/2026	Announced	Yes
Time In	14:10	Time Out	15:15
EPA Inspector(s)	Regina Campbell		
Additional Visitors			
Company Personnel	Uisce Éireann: Flan Real, Shabila Perveen Kerry County Council (working in partnership with Uisce Éireann): Maurice Begley		

> Summary of Key Findings

1. The Ceann Trá water treatment plant was operating satisfactorily on the day of the audit.

Uisce Éireann should submit a report to the EPA on or before 08/08/2026 detailing the actions taken and planned, with timescales, to close out the eight recommendations in this audit report.

> Introduction

Ceann Trá Public Water Supply (PWS) supplies an average of 530m³/day and serves a population of 472 (EDEN figures). The sources are two boreholes, one delivering 15 m³/hr and the second delivering 8 m³/hr. A third borehole is in commissioning phase. A previous source (Mount Eagle Lake) is no longer required.

Treatment comprises of pressure filtration, GAC filtration, UV primary disinfection, pH correction and chlorination secondary disinfection.

> Supply Zones Areas Inspected

The UV and chlorination disinfection system along with trends were inspected as part of the audit.



1.1

Is there a documented alarm response procedure?

Answer

No

Comment

There is no site specific documented alarm response procedure available at Ceann Trá WTP. There is a one page incident escalation flowchart available at the plant.

Recommendation:

1. 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

1.2

Are suitable plant shutdowns/inhibits in place to prevent the entry of inadequately treated water entering the distribution network?

Answer

No

Comment

There is shutdown in place on the UV disinfection unit only. There are no shutdowns on high or low chlorine levels or on high turbidity in the final water.

Recommendations:

2. Install shutdowns based on high and low chlorine levels in the final water.

3. Install shutdown based on high turbidity (> 1 NTU) in the final water.

1.3

Are suitable controls in place to prevent accidental or unauthorised changes to alarm or inhibit settings?

Answer

No

Comment

Suitable controls are not in place to prevent accidental or unauthorised changes to alarm or inhibit settings at the plant.

Recommendation:

4. Ensure that there is a system in place so that changes to alarm and inhibit settings cannot be made locally without prior authorisation.

1.4

Are online monitors operational?

Answer

No

Comment

The UVT monitor was not reading correctly.

The disinfection pH monitor is wrongly labelled as treated pH in the chlorine dosing room.

Recommendation:

5. Confirm that the UVT monitor has been serviced and is operating correctly.
6. Confirm that all monitors are labelled correctly.

Answer**1.5**

Are plant performance trends accessible remotely?

No

Comment

Supervisory staff have access to trends remotely. The site operator does not have access to trends remotely.

Recommendation:

7. Ensure that the plant operator has remote access to plant performance trends.



2. Site Specific Issues

2.1

Are EDEN details correct?

Answer

No

Comment

The EDEN system does not have the correct treatment types listed. There is no ozone in operation at the plant. pH correction is in operation.

Recommendation:

8. Update EDEN with the correct treatment types.

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.