

ENVIRONMENTAL PROTECTION AGENCY'S CODE OF PRACTICE FOR DOMESTIC WASTEWATER TREATMENT SYSTEMS (POPULATION EQUIVALENT ≤ 10)

ADVISORY NOTE

The following represents what is expected to be submitted in support of planning applications for domestic dwellings or buildings that will be connected to a domestic wastewater treatment system and associated percolation area / polishing filter with a population equivalent ≤ 10 .

Qualified site assessors who conduct the assessment should be familiar with the Environment Protection Agency's: Code of Practice: Domestic Wastewater Treatment Systems (Population Equivalent ≤ 10) issued 7th June 2021.

Link for the **Code of Practice** and further advice: [Compliance & Enforcement: Wastewater | Environmental Protection Agency \(epa.ie\)](https://www.epa.ie/compliance/enforcement/wastewater/)

Percolation tests conducted after the 7th June 2021 shall use the Appendix A: Site Characterisation Form - Domestic Waste Water Treatment Systems (Population Equivalent ≤ 10) issued 7th June 2021. Link for an electronic format of the **Site Characterisation Form for an On-Site Waste Water Treatment System 2021-Code-of-Practice---Electronic-Site-Characterisation-Form-with-note.pdf (epa.ie)**

Details in the Site Characterisation Form - Domestic Wastewater Treatment Systems (Population Equivalent ≤ 10) issued 7th June 2021 that must **be included comprise:**

- Number of bedrooms
- Maximum Number of Residents.
- Comments on population equivalent
- Proposed water supply
- Aquifer Category
- Vulnerability
- Groundwater Protection Response
- Section 2.0 General Details fully completed
- Section 3.0 on-site Assessment fully completed
- 3.2 Trial Hole Log fully completed
- 3.3(a) Subsurface Percolation Test for subsoil fully completed
- 3.3(b) Surface Percolation Test for soil fully completed where required
- 3.4 Maps, Drawings and photos fully completed and submitted
- 4.0 Conclusion of Site Characterisation fully completed
- 5.0 Selected DWWTS fully completed
- 6.0 Treatment System Details completed

- 7.0 Site Assessor Details completed
- Public Indemnity Insurance Certificate to be submitted
- PIA performance results of the proposed treatment system and tertiary filter to be submitted
- Manufacturers details of the proposed treatment system and tertiary filter to be submitted
- Section through the proposed treatment system and associated percolation area/tertiary filter to be submitted
- Relevant certificate LASNTG Site suitability assessment – certificate

Note: If the proposed development is adding additional loading (e.g additional bedrooms on an existing dwelling) on the wastewater treatment system and associated percolation area /polishing filter verification must be provided to demonstrate whether the existing system can accommodate this additional loading. This verification shall be submitted by a suitably qualified and indemnified person.

If the existing system **cannot** accommodate this additional loading the applicant/agent must demonstrate how the existing treatment system can be upgraded or replaced to accommodate this additional loading in accordance with the Code of Practice.

Site Layout Drawing Details

Site Layout Drawing to indicate the following:	Check list
Proposed water supply – private well/ public water supply/group water scheme	
Likely ground flow direction	
Separation distances from a source to a target - all proposed and existing wells within 100m of the proposed dwelling and all proposed and existing percolation area / polishing filters within 100m of the proposed dwelling	
Separation distance from the proposed dwelling to the proposed treatment system	
Separation distance from the proposed dwelling to the proposed percolation area / polishing filter / tertiary filter	
Separation distance from the proposed percolation area/polishing filter / tertiary filter to the site boundaries	
Indicate the design of the proposed treatment system and associated percolation area/polishing filter/tertiary filter as per the specific design as listed in the Site Characterisation Form - Domestic Wastewater Treatment Systems (Population Equivalent ≤ 10) issued 7th June 2021	
Separation distance from the proposed percolation area / polishing filter/tertiary filter to a stream or drainage ditch	
The proposed percolation piping to scale, area of polishing filter to scale	
Proposed Vent/s at the ends of the percolation pipes or a flush out valve on a fully pumped system	
The proposed wastewater pipelines and aj's serving the proposed development	