



Appendix: 2:

Water Services Department – Specifications and Standards for Taking in Charge – and Testing Regime

A. Drainage Networks / Services

B. Installation of Water Networks / Services

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A. Drainage Networks / Services

1. The developer shall design and complete all drainage to comply with the requirements of the "Greater Dublin Regional Code of Practice for Drainage Works"
2. **The standards** affecting drainage services infrastructure are:
 - Regional Code of Practice for Drainage Works V6.0 - FCC April 2006
 - Greater Dublin Strategic Drainage Study and Sustainable Urban Drainage Systems.
 - CIRIA C697 The SuDS Manual
 - EPA Manuals - Treatment Systems for Single Houses, Treatment Systems for Small Communities, Business, Leisure Centres and Hotels.
 - DOEHLG - Recommendations for Site Development Works in Housing Areas
 - Technical Requirements for Sewage Pumping Stations up to 40kW.
 - Inspection of construction may be inspected by the relevant Inspectorate within the Planning/Building Control authority (outlined is the role of the Engineering Inspectorate below)
 - The Calendar of Inspections should include key stages or milestones which should be rigorously met at the earliest possible time and certainly no later than the commissioning/connection/occupancy stage.
3. The developer shall design and complete all Surface water retention and disposal systems including attenuation areas to comply with the requirements of the "Greater Dublin Regional Code of Practice for Drainage Works"
4. An Operations and Maintenance Manual or File to be submitted for the drainage and attenuation systems, which will include,
 - o drawings in plan and section to scale as agreed with Fingal County Council Water Services Department
 - o information on the completed project, including electrical work, pipe work, materials used
 - o short and long term maintenance schedules, 6monthly, annually
 - o details of any long term rehabilitation measures

- o detailed design calculations and performance details
- o compliance certification of completed system by competent professional that performance

B. Installation of Water Networks / Services

- 1. Fingal County Council Water Quality in existing Council Water supply network,** The Developer is to satisfy himself that the materials used in the construction of the water supply distribution network, is compatible with the water as distributed by Fingal County Council's water supply distribution network. The developer to satisfy himself by carrying out his own physio-chemical and biological tests.

- 2. The standards** affecting water network services infrastructure are:
 - Annual List of Approved Products as issued by the Drinking Water Industry Regulator (UK).(This can be located at <http://www.dwi.gov.uk/regs/si3184/3184.htm>)
 - DOEHLG - Recommendations for Site Development Works in Housing Areas
 - Inspection of construction may be inspected by the relevant Inspectorate within the Planning/Building Control authority (outlined is the role of the Engineering Inspectorate below)
 - The Calendar of Inspections should include key stages or milestones which should be rigorously met at the earliest possible time and certainly no later than the commissioning/connection/occupancy stage.

- 3. The water supply distribution network shall constructed in compliance with “Guidelines for Drinking Water Supply February 2009 - Rev.1”**