

8 POLICY IMPLEMENTATION

This chapter presents the guiding principles and methods by which the policy recommendations identified throughout this document can be practically implemented.

8.1 Details of Implementation

The proposed means of implementation for each policy presented is contained in Table 8.1. Numbering for policy topics refer to the section reference in the report.

Report Section	Policy Topic	Implementation Details
2.2.1	Separation of Foul and Storm Drainage	Existing Policy to be maintained
2.2.1	SuDS to be mandatory for all new development	Revision of Stormwater Management Policy in accordance with recommendations herein
2.1.2	Objectives for Drainage Planning of New Developments	Policy to be adopted by Drainage and Planning Departments, and included in Council Development Plans
2.2	Drainage Involvement in New Development	The four procedures for Development Plan Liaison, Planning Application Procedures & Approvals, Drainage Construction and Connection, and Taking in Charge be adopted by Planning and Drainage Departments
2.3	Inter-Local Authority Discharges	The Policy of charging for cross-border contributing sewage flows to WwTWs to continue
2.4	Liaison between Councils	Liaison Committee to be set up to implement Study recommendations and agree drainage matters for the Region
2.5	Liaison with the GSDSDS	Liaison Committee to be set up to encourage maintenance of drainage data and support future drainage strategy for the Region
2.6	Development on Floodplains	Drainage Departments to produce flood risk mapping. Drainage and Planning Departments to categorise development areas into low, medium, high and unacceptable levels of flood risk. Development plans and planning applications to include flood risk categories. Development sites to operate agreed Sediment and Water Pollution Control Plans. Where flood risk maps are not available, the developer will be required to assess the flood risk to his own site
2.7	Development near Riparian Corridors	New development not permitted within 10m to 15m strips either side of all watercourses. Redevelopment to create riparian buffer strips
2.8	Basements in New Development	Planning applications include surcharge risk assessment and hydraulic isolation of basements from drainage systems

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2.9	Ransom Strips	Use of ransom strips to be curtailed, under drainage inspectors' vigilance
3.1	Development Plan Liaison Procedure	Planning and Drainage Departments to liaise on compatibility of Development Plans and Drainage Infrastructure Strategy. All departments to use compatible mapping software, e.g. MapInfo and standardised symbols as Appendix G
3.2	Planning Application Procedure and Approvals	Planning Department to set up and maintain shared Planning Databases to track progress of planning applications. Drainage Department to have shared data access for viewing and recording drainage related aspects. All applications to be filtered and vetted by Drainage Department
3.3	Construction and Connection Procedure	<p>Planning and Drainage Departments to maintain relevant aspects of the Planning Database</p> <p>Current policy on connections being carried out by Councils or approved agents to be maintained</p> <p>The Drainage Inspectorate in the Councils (or their agents) to be strengthened to undertake checking and approval of drainage construction</p> <p>Regional Drainage Inspectorate of a specialist team for best cost-effectiveness to be assessed</p>
3.4	Taking in Charge Procedure	<p>After drainage connections have been made, developments to have a minimum one-year maintenance period</p> <p>Specific requirements for taking in charge submissions to be applied</p> <p>All drainage systems to be monitored to similar standards as for those to be taken-in-charge</p>
3.5	Taking in Charge Requirements for Sewerage and Drainage	List of sewerage and drainage facilities to be taken in charge to be agreed by Councils
4.4	Implementation of SuDS Measures	<p>Councils to increase awareness of the public, developers, in SuDS principles, using fact sheets, site visits, seminars, etc</p> <p>Councils to set up SuDS Regional Working Party to promote implementation and resolve issues</p> <p>Development Plans to stipulate that new development must incorporate SuDS, and make appropriate land use allowances. Responsibility for inclusion of SuDS rests with the developer</p>

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		SuDS information sheets and design and best practice manuals be adopted for use in the Dublin Region
4.5	Taking in Charge Situation for SuDS	Taking in charge arrangements for SuDS facilities listed. Specific procedure for SuDS
5.1 & 5.2	Foul Sewerage Design	<p>Existing Guidelines for small residential developments to be maintained</p> <p>Current allowances for domestic discharge rates per dwelling to be reduced in recognition of trends in occupancy</p> <p>Developers to continue to provide particular design details and parameters for large residential, commercial, industrial and institutional developments</p> <p>Pumping main designs to adopt stated principles</p>
5.3	Foul Sewerage Design	Facilities for monitoring of discharges to be included in significant developments
6	Stormwater Drainage Design	<p>The principles of sustainability, level of service and cost-effectiveness to be adopted</p> <p>Design criteria 1 to 5 for drainage design to be adopted and parameters agreed. New runoff and storage volume design methods to be adopted</p> <p>Hydraulic design of SuDS systems to be adopted</p> <p>Stormwater management policy documents to be updated accordingly</p>
7.1	Specifications	<p>Specification Committee to be set up to produce a particular specification for materials and working standards in the Irish water industry</p> <p>The need for a separate specification for developers to be reviewed</p>
7.2	Pipes, Materials and Fittings	<p>The proposed list to be agreed, and thereafter periodically reviewed and updated to reflect changes in technology and drainage practice</p> <p>Designers to use other options to suit particular projects and applications</p>
7.3	Sewerage and Drainage Details	<p>The Specification Committee to agree construction details among the Client Authorities</p> <p>Details to be documented for each Authority</p>

Report Section	Policy Topic	Implementation Details
7.4	Building Over or Near Sewers	Proposed parameters to be adopted
7.5	Monitoring of Construction	Supervision and checking to be carried out on a priority basis Regime for supervision and checking to be adopted Drainage Inspectorate (or agents) to be set up to carry out the agreed regime Drainage construction to be monitored to a consistent standard, irrespective of whether it will be taken-in-charge
7.6	Cleaning and Testing of Sewerage and Drainage Systems	Proposed specification for cleaning and testing to be adopted
7.7	Connections to Existing Drainage Systems	Proposed specification for connections to be adopted
7.8	Standards of Construction and Workmanship	Proposed specification standards to be adopted
Appendices A and B	Applications for Planning Approval and Taking in Charge	Requirements for submissions by developers to be agreed by Planning and Drainage Departments
Appendices C, D and E	Stormwater Drainage Design Methods and Information	Recommendations to be adopted by Drainage Departments
Appendix F	Construction Specifications	Recommendations to be agreed by Drainage Departments
Appendix G	Standard Drawings Format and Details	Recommendations to be agreed by Drainage Departments, and further details supplied

Table 8.1 **Implementation of New Development Policies**

8.2 Actions and Responsibilities for Implementation

Implementation actions and responsibilities can be grouped as follows:

- ◆ Development Plans: Planning Departments to agree that adoption of SuDS be mandatory, and that areas of flood risk and basements be defined;
- ◆ Promotion of SuDS: SuDS Regional Working Party to be set up, comprising all stakeholders;
- ◆ Maintaining existing policies: DCC Stormwater Management Policy (and similar versions) to be updated to incorporate the proposed design changes. Other policies, on foul and storm separation, inter-Council charging, connections, etc, to remain;
- ◆ Adopting of new policies: the identified Departments will need to agree the content of the policies, and their respective roles in implementing the agreed policy;
- ◆ Adopting of new procedures: the involved Departments will need to agree the content of the procedures, and actions to be taken by each department for its implementation;
- ◆ Drainage Liaison Committee: the Client Authorities will need to set up this committee, and confirm its brief;
- ◆ Standardisation: Council Departments will need to agree common standards for mapping, symbols, etc, using the Drainage Liaison Committee;
- ◆ Database and GIS Standardisation: Council departments will need to agree common standards and data sharing arrangements for the Planning Database, which will need to be compatible with the recommended Regional Drainage GIS;
- ◆ All new construction to be inspected irrespective of being taken-in-charge;
- ◆ Drainage Inspectorate: staffing in Council Drainage Departments (or their agents) will need to be increased to comply with the new policy for supervision and checking of site work, the advantages of a Centralised Drainage Inspectorate to be examined for the Dublin Region;
- ◆ Taking in Charge Requirements: the proposed list of sewerage, drainage and SuDS facilities will need to be agreed, and periodically reviewed by the Drainage Liaison Committee;
- ◆ Sewerage and Drainage design Requirements: the proposed reduction in allowances for domestic discharge rates per dwelling will need to be agreed; the proposed design principles for pumping mains will need to be agreed;
- ◆ Specifications: Specification Committee to be set up to produce a particular specification for the Irish water industry, and review the need to a specific specification for new development;
- ◆ Particular Specifications: the proposed specifications will need to be agreed by the Liaison Committee.