

POLICY

SEWERAGE AND DRAINAGE – DESIGN AND CONSTRUCTION – Sewerage Systems – Pressure Sewerage

Date adopted by Council	29 July 2024
Minute number	24/127
Endorsed by	Senior Management Group on 28 June 2024
CM Ref	CD-59/23
Due for review	29 July 2028
Related documents	UHSC Engineering Guidelines for Subdivisions and Developments Pressure Sewerage Code of Australia (WSA 07-2007) AS/NZS 3500 Plumbing and Drainage Regulation 2017 (NSW) Plumbing Code of Australia (PCA)
Responsible officer	Manager Water and Sewer
Department/Section	Infrastructure Services / Water and Sewer
Category	Sewerage & Drainage
Community Strategic Plan goal	<p>Goal 6 Increase, enhance and maintain civil infrastructure, Community assets and open spaces to meet the needs of current and future generations.</p> <p>CS26 Provide safe and reliable water and sewerage services to meet the demands of current and future generations.</p>



Policy Statement

The policy determines the use of pressure sewer systems where properties cannot be serviced with a traditional gravity sewer connection.

Objective

The purpose of this policy is to:

- Ensure Pressure Sewer Systems are only installed where required.
- Ensure the design, construction and maintenance of any pressure sewerage infrastructure in the Shire follows current best practice.
- Ensure consistency and fairness in the manner in which Council engages with developers.
- Make Council's requirements for Pressure Sewer Systems readily accessible and understandable to the public.
- Ensure compliance with legislative requirements under the *Local Government Act 1993*.

Scope

This policy applies to technical/professional staff involved in planning, design and development of sewer infrastructure.

Policy Details

Pressure Sewer Schemes

Council, in consultation with the community, may decide to construct a pressure sewer scheme to service an existing unsewered village in preference to conventional gravity sewerage as a low cost solution to allow the scheme to progress. All serviced properties within a pressure sewer scheme will have a pressure sewerage system installed.

Gravity Sewer Schemes

Within existing gravity sewerage areas, pressure sewerage systems may only be considered where the property cannot be serviced by an extension of an existing gravity sewer.

Pressure sewerage systems discharging into gravity sewer schemes may be considered where it is impractical to install a gravity sewerage system. The Director Infrastructure Services or Manager Water and Sewer must be consulted prior to a development consent that permits the installation of pressure sewerage systems.

Pressure sewerage systems constructed to augment Council's existing sewerage systems (subdivision or individual household) shall be in accordance with Council's Guidelines and shall be of a standard that minimises risk to public health and the environment, and allows for economical operation and maintenance.



Procedures/ Practice

- The Plumbing Code of Australia (PCA) is the code of which all plumbing and drainage work in NSW must comply.
- The requirements for the design, construction, installation, replacement, repair, alteration and maintenance of plumbing and drainage installations should comply with the Pressure Sewerage Code of Australia (WSA 07-2007), and Council's Guidelines for Subdivisions where applicable.
- The PCA has two provisions for plumbers and drainers to achieve code compliance. One option is for the work to be done under the 'Deemed to Satisfy' provision which means that it has been done in accordance with AS/NZS 3500. The other is the performance based solution where work (usually designed by a hydraulic engineer or consultant) meets or exceeds the requirements of AS/NZS 3500.
- Design and construction shall also comply with AS/NZS 3500 and NSW amendments (Plumbing and Drainage NSW Code of Practice) where applicable.
- The requirements set out in this policy shall overrule those in the Code and/or the Guidelines.
- The ownership, maintenance and replacement of the pressure sewerage pods, pumps and infrastructure remain the responsibility of the Landholder.

Responsibilities

Senior Management Group

The Senior Management Group will support this policy and ensure their relevant areas are implementing it consistently.

Director Infrastructure Services

The Director Infrastructure Services will ensure the policy is updated and implemented consistently.

Manager Water & Sewer

The Manager Water and Sewer will review, update and implement the policy. The Manager will also develop and maintain any procedures or processes required to manage the policy.

Relevant staff

The relevant staff who are involved in planning and design of sewer infrastructure and development approvals will have primary responsibility to ensure the policy is implemented and guidelines are adhered to.



References and Related Legislation

- UHSC Engineering Guidelines for Subdivisions and Developments
- Pressure Sewerage Code of Australia (WSA 07 -2007)
- Pressure Sewerage Code of Australia (WSA 07-2007)
- AS/NZS 3500
- Plumbing and Drainage Regulation 2017 (NSW)
- Plumbing Code of Australia (PCA)
- Local Government Act 1993

Version History

Version No.	Date	CM Ref	Reason for Review
1	23/10/2006	INT-7000/07	
2	25/08/2008	INT-21935/05	
3	19/01/2016	CD-109/21	
4	28/06/2021	CD-130/21	
5	29/07/2024	CD-59/23	