

Fact Sheet

Community Wastewater Management Scheme (CWMS) Drainage Guide

This development guide outlines the minimum information to be provided to Council so the Community Wastewater Management Scheme (CWMS) drainage design in your development application can be assessed for planning and Engineering approval.

The proposed CWMS reticulation shall be designed by an appropriately qualified Engineer. The design shall comply with the Requirements Under the Water Act 2012. The construction of the new CWMS reticulation and/or extension shall be undertaken by the applicant at no cost to Council.

A 3m wide easement shall be provided for CWMS infrastructure and illustrated on the final plan. Where shared with stormwater drainage the easement shall be 4.0m wide.

Drawings and specifications

Detailed design drawings and specification covering the location of the connection point and inspection point/s, flushing point/s, invert levels and ground levels etc shall be provided to the Director Works and Engineering for consideration prior to "Development Assessment Commission" clearance. "**AS CONSTRUCTED**" detailed drawings of the CWMS shall be provided in hard copy and electronically in "dwg" or "dxf" format.

Inspections

Council must be notified 24 hours prior to the following:

- Commencement of any work on site
- Testing of all CWMS pipelines and associated infrastructure
- Backfill of all CWMS pipelines and associated infrastructure

Pumped discharge

Pumped discharge to the CWMS shall only be approved subject to the following conditions:

- A gravity drainage system cannot be achieved
- Pump discharge shall not exceed 60% capacity of the receiving gravity pipeline
- The applicant shall be responsible for all ongoing operational and maintenance costs

Augmentation fee (connection charge)

The augmentation fee charged by Council for the connection of additional loads to the CWMS is based on the need to construct additional treatment infrastructure to cater for the additional wastewater. The augmentation is paid per dwelling with a disposals rate of 490L/day (SA Health Design Guideline flow rate).

Trench detail

CWMS drainage pipes shall be bedded, haunched and covered by 5mm screenings.

