

# Fact Sheet



The Barossa Council

## Community Wastewater Management System (CWMS) Trade Waste Discharge Information

Properties in The Barossa Council are serviced by a Community Wastewater Management System (CWMS) servicing over 7800 connections across 7 networks. The CWMS is designed to cater for domestic and small retail businesses and the quality and quantity of wastewater they produce.

The connection of any trade waste loads into the CWMS can be a risk to the secure, reliable and environmentally safe operation of the CWMS and may cause a hazard to our CWMS operations team. Any approval for trade waste to be disposed of into the CWMS must be assessed and compared to an equivalent domestic load when determining approval.

This information provides the general guidelines used to determine the requirement for the assessment of a trade waste discharge connection.

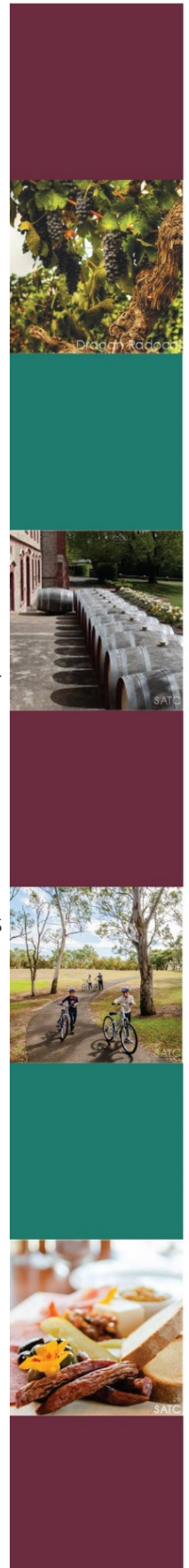
### What is Trade Waste?

Trade waste is any used water and substances from commercial, industrial, business trade or manufacturing activities. Trade waste often has other substances in it, such as solids or chemicals that may not pass through a septic tank and may cause damage to the CWMS network.

The two main elements requiring assessment are the **quality** and **quantity** of the trade waste in conjunction with its proposed connection point to the CWMS network.

### Quality of Trade Waste

The quality of any trade waste entering the CWMS must be similar to that of wastewater entering from a domestic septic tank outlet. General quality guidelines are available from the Council website, however, other quality conditions may be required depending on the type of trade waste.



premium wine food tourism heritage lifestyle community

## Quantity of Trade Waste

The quantity and discharge rate of any trade waste entering the CWMS must be similar to that of wastewater entering from a domestic septic tank outlet. These general quantity and discharge rate guidelines are available from the Council website, however, other quantity and discharge rate conditions may be required depending on the location of the proposed connection point to the CWMS network.

## CWMS Connection Charge (Trade Waste)

For a new trade waste connection, pre-treated waste water before discharge, is required to be within quality guidelines and fall within a possible maximum daily discharge quantity of 5KL/day. Maximum discharge rates will be set by Council after assessment.

The required connection charge for a new trade waste connection is calculated at the **Daily Flow (L)/490 x \$ CWMS Connection Charge (\*)**.

The trade waste augmentation fee is required to be paid before connection.

(\* refer to the current Register of Fees and Charges)

## Discharged Trade Waste Effluent

The below levels are only a guideline and final discharge limits may vary.

Parameter	Normal Effluent Levels(averages)	Maximum Levels
Biochemical Oxygen Demand <b>BOD<sub>5</sub> (5 days)</b>	70 mg/L	200 mg/L
Sodium	135 mg/L	150 Mg/L
Conductivity	1150 Mirco S/cm	1200 Mirco S/cm
Suspended Solids	52 mg/L	200 mg/L
Total Dissolved Solids	650 Mg/L	≤1000mg/L
pH	7.6	6 - 9
Temperature	25 degrees C	38 degrees C
Flow rate to sewer	1.0 L/s	1.5 L/s

## Monitoring

As a condition of discharge, water quality testing or online monitoring of water quality may be required, the level of monitoring will be determined by Council as part of the risk assessment process.

For additional clarification of these guidelines contact the CWMS Co-ordinator at The Barossa Council 8563 8444.

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