

Trade Waste Statement of Approved Acceptance Criteria Information

South Gippsland Water operates eleven sewerage systems, each having its own transfer and treatment system responsible for managing a varying hydraulic and pollution load profile. The sewerage catchment systems are as follows:

- Wonthaggi;
- Inverloch;
- Cape Paterson;
- Korumburra;
- Leongatha;
- Meenyan;
- Foster;
- Toora;
- Welshpool;
- Yarram / Port Albert;
- Waratah Bay.

South Gippsland Water has established a trade waste procedure to ensure that trade waste risks and impacts are being managed appropriately to ensure the protection of SGW's people, infrastructure and the environment. SGW's sewerage systems were primarily designed to accept domestic sewage from residential and commercial properties which generate and discharge a predictable wastewater strength and quality.

The nature and levels of the components and characteristics of any trade waste discharged to a sewer or drain must comply at all times with the acceptance criteria as outlined in the table below.

Parameter	Concentration	Units
Suspended Solids	600	mg/L
Total Dissolved Solids	1000	mg/L
EC	1600	µs/cm
Sodium Concentration	200	mg/L
Oil and Grease	30	mg/L
Colour	300	ADMI
pH	5 to 10	
Biological Oxygen Demand	600	mg/L
Chemical Oxygen Demand	1500	mg/L
Total Nitrogen	150	mg/L
Total K	150	mg/L
Ammonia Nitrogen	50	mg/L
Total Phosphorus	10	mg/L

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Parameter	Concentration	Units
Arsenic	0.5	mg/L
Cyanide as CN	5	mg/L
Fluoride	5	mg/L
Formaldehyde (expressed as HCOH)	50	mg/L
Phenol & chemical derivatives of Phenol (as Phenol)	100	mg/L
Total Oxidised Sulphur	100	mg/L
Sulphide as S	1	mg/L
MBAS	500	mg/L
Aluminium	10	mg/L
Beryllium	0.2	mg/L
Boron as B	1	mg/L
Cadmium	0.05	mg/L
Chromium (Total)	0.5	mg/L
Cobalt	0.5	mg/L
Copper	0.1	mg/L
Iron	10	mg/L
Lead	0.3	mg/L
Manganese	0.4	mg/L
Mercury	0.001	mg/L
Molybdenum	0.05	mg/L
Selenium	0.03	mg/L
Silver	1	mg/L
Nickel	0.5	mg/L
Tin	0.5	mg/L
Zinc	0.3	mg/L
Total Heavy Metals (not including Iron)	10	mg/L

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Excluded Substances

The following substances are not permitted to be discharged into the sewerage system:

- Organochlorins, weedicide, fungicides, pesticides, herbicides and / or wastes arising from the preparation of these substances;
- Infectious or contagious substances;
- Flammable or explosive substances;
- Genetically engineered substances;
- Rainwater and uncontaminated water;
- Natural or synthetic resins, plastic monomers, synthetic adhesives and rubber plastic emulsions;
- Any substance liable to produce noxious or poisonous vapours;
- Any substance likely to cause injury to SGW's personnel, or the environment into which the sewerage effluent is discharged;
- Pentachlorophenol;
- Polychlorinated and Polybrominated biphenyls;
- Any other substances that SGW believes are likely to damage the sewerage system or injure its employees.

This document is to be reviewed in **February 2018** or earlier as required.
This document must not be released to external parties without approval by the Managing Director.

DOCUMENT APPROVAL		
Responsible Manager Approval:	Shane Murray	Date: 03/02/2016
Managing Director Signature:		