

Non-domestic wastewater admissions standards

SBI-2901

All wastewater discharged to Council's wastewater system shall at all times comply with the standards set out below, unless otherwise specified in your Trade Waste Approval.

Any substance not listed in the table below and those listed as a prohibited discharge may not be discharged to Council's wastewater system. Council may request specific demonstrable evidence based on a degradability and toxicity for any substance when assessing acceptance for discharge to its wastewater system.

Prohibited discharges

- flammable/explosive substances
- solid or viscous substances in a quantity, or of a size, that can obstruct the operation of Council's wastewater network system. Examples include but are not limited to: metal, glass, plastic, rags, ash, cinders, straw, tar, wood, grease and oil.
- radioactive substance except as allowed for under the *Queensland Radiation Safety Act 1999 and Regulation 2010*
- pathological and infectious waste and cytotoxic waste except as allowed for under the *National Industry Code of Practice for the Management of Clinical and Related Wastes*
- floodwater, rainwater, roof water, stormwater, subsoil water and surface water
- substances referred to in *Schedule 1 of the Water Supply (Safety and Reliability) Act 2008*
- genetically engineered organisms require an approval for each substance.

PARAMETERS	MAXIMUM VALUE ALLOWED (mg/l)
Colour	No colour after 1/100 dilution
Odour	Wastewater shall be non-odorous
Temperature	<38 degrees C
Chemical Oxygen Demand (COD)	1000
Total dissolved salt	1000
Conductivity	1600us/cm
Sodium absorption ratio	<10
Suspended solids	400
Non-volatile suspended solids	10
pH	6.5-9.0
Grease and oil	200
Anionic surfactants MBAS	100
Non-ionic surfactants	100
Ammonia (as N)	50
Total Kjeldahl Nitrogen (TKN) (as N)	100
Sulphate (as SO ₄)	1000 (Sulphate + twice Thiosulphate<1000)
Thiosulphate	500
Sulphite (as SO ₂)	15
Soluble Sulphide	10 (Australian Standard Test)
Soluble Sulphide	5 (Methylene Blue Test)
Total Phosphorus (as P)	10
Flammable/explosive substances	Prohibited discharge
Boron (as B)	5

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PARAMETERS	MAXIMUM VALUE ALLOWED (mg/l)
Bromine (as Br ₂)	10
Chlorine (as Cl ₂)	10
Fluoride (as F)	30
Cyanide (as CN)	5
METALS	MAXIMUM VALUE ALLOWED (mg/l)
Aluminium	100
Arsenic excluding organoarsenic compounds	1
Barium	2
Bromine – free	5
Cadmium	2
Chlorine – free	10
Chromium	3
Cobalt	5
Copper	5
Cyanide – weak and dissociable	1
Iron	10
Lead	1
Lithium	10
Manganese	10
Mercury	0.01
Molybdenum	5
Nickel	1
Selenium	1
Silver	5
Tin (excludes organotin compounds)	5
Zinc	1
ORGANIC COMPOUNDS	MAXIMUM VALUE ALLOWED (mg/l)
Formaldehyde (as HCHO)	50
Phenolic compounds (non-halogenated)	1
Pentachlorophenol	5
Petroleum hydrocarbons (total) (non-flammable)	30
Chlorinated hydrocarbons	5
Polychlorinated biphenyls	Prohibited discharge – hazardous waste
Polybrominated biphenyls	Prohibited discharge – hazardous waste
Pesticides - general (insecticides/herbicides/fungicides)	Prohibited discharge – hazardous waste
Organophosphorous pesticides	0.1
Organoarsenic compounds	0.1
Organotin compounds	0.1
Organochlorine pesticides	Prohibited discharge – hazardous waste
Halogenated aliphatic compounds	5
Polynuclear aromatic hydrocarbons	5