



TREATMENT SERVICES BRANCH

Statement of Approved Trade Waste Acceptance Criteria

Effective 1st January 2012

The nature and levels of the components and characteristics of liquid waste shall comply with the following specifications. However, local conditions may necessitate further restraints on the liquid waste quality.

All concentrations indicated in this document refer to the discharger's trade waste quality independent of "domestic" wastewater.

Any substance not listed below is prohibited from discharge to any of Wannon Water's wastewater systems without prior written approval from Wannon Water's Treatment Services Branch.

Compliance with these criteria will be assessed from samples collected at the outlet of any trade waste pre-treatment device. Trade wastes not affected by pre-treatment processes will be sampled at source.

PHYSICAL CHARACTERISTICS

Temperature	Not to exceed 38°C
Volume and Flow Rate	Acceptance standards to be determined by reference to the receiving wastewater network capacity
Colour	Shall not exceed 300 true colour units
Odour	Must not have a detectable odour in 1% dilution or cause any odour problems within the sewage system as defined by the Authorized Officer.

CHEMICAL CHARACTERISTICS

Biochemical Oxygen Demand BOD₅ (5 days)	Acceptance criteria determined by the treatment capacity of the wastewater treatment plant
Grease and Oil	Not to exceed 200 mg/L
pH	Within the range 6 - 10 units
Suspended Solids (SS)	The concentration of suspended solids shall not exceed 500 mg/L
Total Dissolved Solids (TDS)	The concentration of total dissolved solids shall not exceed 700 mg/L.

Metals	Concentration mg/L	Metals	Concentration mg/L
Aluminium (Al)	20	Lead (Pb)	2
Barium (Ba)	10	Manganese (Mn)	5
Boron (B)	10	Mercury (Hg)	0.005
Cadmium (Cd)	0.050	Nickel (Ni)	2
Chromium Total (Cr)	5	Silver (Ag)	1
Chromium Hexavalent (Cr⁶⁺)	1	Tin (Sn)	10
Copper (Cu)	2	Zinc (Zn)	10
Iron (Fe)	30		

Other Substances	Concentration mg/L	Other Substances	Concentration mg/L
Ammonia & Ammoniacal ion (as NH₃)	50	Total petroleum hydrocarbons	30
Chlorine as Cl₂	5	Phenolic compounds (as Phenol)	100
Cyanide as CN	2	Phosphorous compounds (as total P)	12
Enzymes etc	(see note 1)	Radioactive substances	(see note 2)
Formaldehyde as HCHO	200	Sulphate (SO₄)	300
Flammable Substances	(see note 3)	Sulphide (S)	1
Herbicides	(see note 3)	Sulphite (SO₃)	20
Pesticides	(see note 3)		

PROHIBITED SUBSTANCES

Substances (such as fibrous material, large solid particles, materials likely to polymerise) that could block or otherwise be detrimental to the operation of the sewerage system

Substances (such as volatile solvents) that could generate hazardous gases or vapours in the sewerage system

Chlorinated Hydrocarbons

Discrete oil or other materials that are immiscible with water

Any parameter not included in this criteria will be deemed prohibited and will require individual assessment for discharge into the Wannon Water system.

NOTES

1. The use of solvents, enzymes, genetically modified bacteria, or odour control agents in pre-treatment facilities is prohibited unless approved by the Wannon Water's Treatment Services.
2. Substances which are radioactive shall comply with the standards specified in the Irradiating Apparatus and Radioactive Substances Regulations.
3. Wannon Water's Treatment Services will determine specific discharge limits for contaminants in these groupings.

Please refer to the Wannon Water Trade Waste Management Policy found at www.wannonwater.com.au for further information.