

Discharging trade wastewater places an additional load on the wastewater system. To protect the wastewater infrastructure, wastewater treatment plant, the environment and to meet trade waste consent conditions, Waitomo District Council needs the help of Hairdressing Businesses in the Waitomo District, to provide trade wastewater that can be safely accepted and treated.

The Trade Waste Bylaw provides for three grades of Tradewaste; Permitted, Conditional and Prohibited. Hairdressing Businesses are included in the grade of Permitted Discharge. This means a Trade Waste discharge that has been approved by, or is acceptable to, the Council and as long as it has the physical and chemical Characteristics which comply with the requirements of the Council standard as defined in Schedule 1A of the Trade Waste Bylaw.

Although the impact that Trade Waste from Hairdressing Businesses have on the wastewater treatment system is considered low, there are still some characteristics such as hair dye, shampoo and other chemicals that must comply with the Trade Waste Bylaw.

Permitted discharge characteristics

The type and level of the characteristics of any Trade Waste discharged to Council's wastewater system must comply at all times with the requirements contained in Schedule A1 the Trade Waste Bylaw.

The following are Physical characteristics that must be complied with under the Bylaw:

Flow:

1. The 24 hour flow volume shall be less than 5m³.
2. The maximum instantaneous flow rate shall be less than 2.0 litres per second.

Temperature:

1. The temperature of the characteristics discharged shall not exceed 40°C.

Solids:

1. Non-faecal gross solids shall have a maximum dimension which must not be greater than 15mm.
2. Fibrous, woven or any other materials which may adversely interfere with the free flow of Sewerage in the drainage system or treatment plant must not be present.

Colour:

1. No waste such as hair dye/colour that causes the discharge to be coloured to the extent that it impairs wastewater treatment processes or compromises the treated Sewage discharge Consent.

Chemical:

The following are General Chemical characteristics that must be complied with under the Trade Waste Bylaw:

(Please refer to Schedule 1A of the Trade Waste Bylaw for complete list of characteristics)

Characteristic	Maximum concentration (grams/ m ³)
Ammonia (measured as N) - free ammonia - ammonium salts	50 200
Chlorine (measured as Cl ₂) - free chlorine - ammonium salts	3 30