

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 Bakery and Cafe 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. Bakeries and Cafes 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.

The following information has been extracted from the Trade Waste Bylaw in order to provide a reference for Bakery and Cafe Businesses, of the requirements for Permitted discharge characteristics. Please refer to the Trade Waste Bylaw for the complete Schedule 1A.

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 some of the Physical characteristics, relevant to Bakery and Cafe businesses 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. Fobrous, 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.

Oil and grease:

1. There shall be no free or floating layer of oil or grease.
2. Trade Waste with mineral oil, fat or grease unavoidably emulsified, which in the opinion of the Council is not biodegradable shall not exceed 200 grams /m³ as petroleum ether extractable matter when the emulsion is stable at a temperature of 15 °C and when the emulsion is in contact with and diluted by a factor of 10 by raw Sewage, throughout the range of pH 6.0 to pH 10.0.
3. Trade Waste with oil, fat or grease unavoidably emulsified, which in the opinion of the Council is biodegradable shall not exceed 500 g/m³ when the emulsion is stable at a temperature of 15 °C and when the emulsion is in contact with and diluted by a factor of 10 by raw Sewage throughout the range of pH 4.5 to pH 10.0.
4. Emulsified oil, fat or grease shall not exceed 100 g/m³ as petroleum ether extractable matter when the emulsion is unstable at a temperature of 15 °C and when the emulsion is in contact with and diluted by a factor of 10 by raw Sewage throughout the range of pH 4.5 to pH 10.0.
5. The solids content of any Trade Waste that is settleable, must not exceed 50 millilitre per litre.

For more detailed information regarding Trade Waste contact the Waitomo District Council on 0800 932 4357 or (07) 878 0800 and ask for the Trade Waste Officer.