

CHAPTER 18

WASTEWATER DRAINAGE

1801 ACCEPTANCE OF DISCHARGE

1801.1 Every domestic premise shall be entitles to have its wastewater accepted by Council subject to:

- (a) The premises lying within an area which is served by public sewers, and
- (b) Payment of the appropriate rates and charges in respect of that premises in general and wastewater services in particular, and
- (c) Fulfilment of the requirements of this bylaw, and
- (d) All trade waste is discharged in accordance with any special condition applied by Council.

1802 APPROVAL TO CONNECT

1802.1 No person other than a contractor approved by Council shall make any connection to or otherwise interfere with any part of Council's wastewater drainage system.

1803 CONTINUITY OF DISCHARGE

1803.1 Council does not guarantee to receive wastewater without disruption, however Council will use all reasonable endeavours to ensure that any disruption is kept to a minimum.

1804 PREMISES

1804.1 The maximum instantaneous flow rate discharged from a domestic premise shall not exceed 2.0 litres/sec.

1804.2 All effluent discharges shall be consistent with normal domestic sewage unless special Council approval has been given.

1804.3 In order to meet the principles of sustainable management as promoted by the Resource Management Act 1991 (RMA), Council recommends a customer fits the following devices on all new installations:

- Dual flush toilet cistern
- Low flow shower heads
- Urinal flushing control

1804.4 The customer shall allow Council, or its agents, access to and about the point of discharge for the purposes of monitoring, testing and maintenance work between 7.30 am and 6.00 pm on any day. Council shall give 24 hours previous notice to the customer of the intended entry.

Under emergency conditions, or for the purpose of ascertaining whether the drains are being misused, the customer shall allow Council free access to and about the point of discharge at any hour.

1804.5 The customer shall allow Council with any necessary equipment, access to any area of the premises for the purposes of ascertaining whether non-complying connections have been made.

1804.6 The customer shall prevent any stormwater or groundwater entering the wastewater drainage system. This includes roof downpipes, surface water run-off, overland flow and sub-surface drainage.

1805 **DISCONNECTION**

1801.1 A customer shall give seven working days notice in writing of his/her intention to demolish or remove a building connected to the sewer. The demolition or removal shall not commence until the property has been disconnected from the sewer in an approved manner.

1801.2 A customer shall give two working days notice in writing to Council of his/her requirement for disconnection of the discharge connections if re-laying of the private drain is required.

1806 **PUBLIC DRAINAGE SYSTEM**

1806.1 With respect to building or loading over buried services, or excavation near public sewers, the restrictions described in 1806.2 and 1806.4 shall apply. Other restrictions may be applied by Council for the protection of the public drainage system after consideration of proposed work methods, depth of excavation, soil physical properties and other site specific factors.

1806.2 Where building is allowed over, or adjacent to, a public sewer, the property owner shall enter into a Memorandum of Encumbrance. No liability will be accepted for damage which may be sustained by the building in the event of a partial or total collapse of that sewer.

1806.3 No building shall be built over a public rising main or trunk sewer, or closer than the greater of:

- (a) 1.5 metres from the centre of any main or sewer, or
- (b) the depth of the centre line of the sewer, plus the diameter of the sewer, plus 0.2 metres from the centre of that sewer, subject to compliance with 3.1 of NZS 3604.

1806.4 Buildings may be built over public sewers subject to the building developer:

- (a) Carrying out sufficient investigations to accurately determine the sewer's location and depth, and to prove that the sewer is in a condition where it has a remaining life of at least 50 years;
- (b) Or if (a) cannot be satisfied, carrying out remedial work or relaying the sewer to meet the requirements of (c) and (d);
- (c) Bore piling the building 1.0 metre clear distance either side of the sewer to below the sewer invert to ensure that no building loads are transferred to the sewer and that it is possible to excavate down to the sewer without threat to the building;

- (d) Providing two additional manholes into the sewer between 2.0 and 3.0 metres from the edge of the building at the points it enters and leaves the building (unless there is an existing manhole within 10 metres), provided that the sewer lies in a straight line and that there are no other connections between these two manholes;
- (e) Carrying out all work on and around the sewer in accordance with Council engineering standards'
- (f) Registering the public sewer by a Memorandum or Encumbrance and Deed of Covenant against the Certificate of Title.

1806.5 No person shall cause the crushing load imposed on a public sewer to exceed that which would arise from the soil overburden plus HN-HO-72 wheel or axle load (as defined by Transit New Zealand Bridge Manual).

No person shall place any additional material over or near a public sewer without approval.

Service openings shall not be covered in any way unless approved. Removal of any covering material or adjustment of the opening shall be at the property owner's expense.

1806.6 No person shall excavate, or carry out piling or similar work closer than:

- (a) 5 metres from the centre line of any rising main or trunk sewer, or
- (b) 2 metres from the centre line of any public sewer.

without approval. Such approval may impose conditions on the carrying out of any work near the sewer.

1807 **STORAGE OF HAZARDOUS MATERIALS**

1807.1 The occupier shall not store raw material, products or wastes containing corrosive, toxic, biocidal, radioactive, flammable, or explosive materials or any material which, when mixed with the wastewater stream, is likely to generate toxic, flammable, explosive or corrosive materials in quantities likely to be hazardous, or any other material likely to be deleterious to Council's wastewater system or the health and safety of Council's staff and the public, without taking all reasonable steps to prevent entry into Council's sewer from leakage, spillage or other mishap.

1807.2 The occupier shall comply with the requirements of the Dangerous Goods Act and Regulations.

1808 **BREACHES AND REMEDIES**

1808.1 In the event of a breach of statutory or other legal requirements, the Council may serve a defect notice on the customer advising its nature and the steps to be taken within a specified period, to remedy it. If, after the specified period, the customer has not remedied the breach, the Council may charge a reinspection fee.

If however the breach is such that public health, or safety considerations, or risk of consequential damage to Council's assets is such that delay would create unacceptable results, the Council may take immediate action to rectify the defect, and recover all reasonable costs as set out in 1808.2.

1808.2 At any time after the specified period of 1808.1 has elapsed, Council may carry out remedial work required in order to make good the breach, and to recover from the person committing the breach all reasonable costs incurred in connection with the remedial work.

1809 **DOMESTIC WASTEWATER**

1809.1 “Domestic” wastewater is the discharged from premises used solely for domestic residential activities or wastes of the same character discharged from other premises, provided that the characteristics of the wastewater are an acceptable discharge. Such activities shall include the draining of domestic swimming and spa pools subject to a maximum discharge restriction and 1804.1 of the Wastewater Drainage Bylaw.

No domestic wastewaters shall:

- (a) Exceed the substance limits in Schedule A.

1809.2 Where part of domestic premises is used as a office or other trade related activity from which no trade wastes could be produced, and which no other persons apart from those living at those premises use, then it shall be treated as domestic premises. Any trade activity which produces or has the potential to produce a wastewater shall be treated as being from trade premises.

1810 **ACCEPTANCE AND DURATION**

1810.1 The Council shall continue to accept wastewater from domestic premises once an approved connection to the public sewer has been made. Disconnection of the sewer, or restriction of the water supply are not options available in the event of non-compliance with the law and/or bylaws by the customer.

1810.2 In the event of domestic premises changing ownership, the new owner shall automatically become the new customer of that premise.

1811 **APPLICATION TO CONNECT**

1811.1 Every application for a wastewater service connection shall be made in writing on the form provided together with the prescribed charges. The applicant shall provide all the details required by Council. An application shall be made whether or not a public sewer has already been laid up to the point of discharge.

1811.2 Where an application has been accepted by Council which requires a new public sewer connection to be constructed from the existing public sewer to the point of discharge, the customer shall pay such charges as fixed by Council for this work. Council shall supply and install the public sewer to the point of discharge except as provided for in 1811.3.

1811.3 Where a new public sewer is required as part of a subdivisional development, the developer shall provide all the drainage works subject to the approval of the design and construction of the works.

1812 **POINT OF DISCHARGE**

1812.1 The point of discharge from a customer shall be the point on the public sewer which marks the boundary of responsibility between the customer and the Council, irrespective of property boundaries.

Unless otherwise approved there shall be one point of discharge only for each premise, and any private drain shall not extend by pipe or any other means to serve another premise unless it is a common private drain.

1812.2 For single dwelling units the point of discharge shall be located at the boundary or as close as possible where fences, walls or other permanent structures make it difficult to locate it at the required position. The approval of other positions must be made by Council and recorded on the drainage plan.

Where a private drain discharges into a public sewer on that same private property, the point of discharge shall be the upstream end of the pipe fitting which forms the junction with the public sewer.

1812.3 The point of discharge for the different forms of multiple ownership of premises and/or land shall be as follows:

- (a) For company share/block scheme (body corporate) – as for single ownership;
- (b) For Leasehold/tenancy in common scheme (cross lease), strata title, and unit title (body corporate). Where possible each owner shall have an individual drain with the point of discharge determined by agreement with Council. If not practicable there shall be a common private drain which shall be incorporated as an additional provision in the lease agreement. In specific cases other arrangements will be acceptable subject to individual approval.
- (c) Each owner's point of discharge must be approved by Council and recorded on the drainage plan. Other arrangements shall be considered where there are advantages to Council.
- (d) Common private drains shall serve a maximum of six single dwelling units, and may also have one point of discharge only (in common).
- (e) Common drains shall be covered by a certificate from Council recording the rights of each party, which is registered against the Certificate of Title.

SCHEDULE A

1. Temperature – must not exceed 50°C.
2. pH – must be between 6.0 and 10.0 at all times.
3. Solids which may block sewers or pumps are prohibited. These include dry solids, non-faecal solids in excess of 15 mm, heavy solids which settle faster than 50 mm/minute, fibrous material, sheet films and anything which may react to form a solid mass or interfere with the free flow of wastewater in the drainage system.
4. Solvents, fuels and organic fluids (including oil, fat and grease) must not be present as a free layer (whether floating or settled).
5. Dissolved or emulsified solvents, fuels and organic liquids are prohibited.
6. Emulsified oils must not exceed 500g/m³ and the emulsion must be stable.
7. Sulphides must not exceed 5g/m³ (as H₂S on acidification).
8. Oxidised sulphur compounds must not exceed 500 gm³ (as sulphate).
9. Heavy metals are prohibited.
10. Pesticides are prohibited.
11. Stormwater and condensing or cooling waters are prohibited.