

## CHAPTER 5

# WATER SUPPLY

### GENERAL

#### 501 INTERPRETATION

501.1 In this Part of this bylaw, unless inconsistent with the context.

**APPROVED** means approved by the Authorised Officer.

**CONTROLLED CATCHMENT AREA** means an area under the control of a Council, to which the public and domestic animals are prohibited from entry and from which waters are drawn for a public water supply.

**DIRECT CONNECTION** includes any underwater outlet or any arrangement of pipes, hoses, or fittings temporary or otherwise which renders possible back flow into the Council's waterworks system.

**DISTRIBUTING PIPE** means any pipe conveying water supplied by the Council from a storage tank or from a hot-water apparatus supplied from such tank and under pressure therefrom.

**FIRE HOSE REEL** means metal reel, permanently connected to the water supply, on which is wound rubber tubing having an internal diameter of 12.5 mm nominal or 20 mm nominal, which can be used for first-aid fire-fighting purposes.

**FIRE SPRINKLER SYSTEM** means the system of pipes fitted with sprinkler nozzles which open by extraordinary rise in temperature to automatically drench an area for the purpose of extinguishing fire and is maintained with a superimposed pressure so that an alarm is actuated when a nozzle opens allowing the pressure to fall to mains pressure.

**MECHANICAL SPRINKLER** or **SPRINKLER** means a revolving spray, sprinkler pipe, or contrivance to distribute water for garden or lawn watering, but does not include a hand-held hose, or a contrivance installed exclusively for the purpose of extinguishing fire.

**PUSH THROUGH WATER HEATER** means a water heater with stop-tap on the cold-water inlet so designed that the hot water is discharged through an open outlet.

**SERVICE PIPE** means that section of the pipe conveying water from the street main to the consumer's premises, which lies between the main and a point 250 mm distant from the consumer's property and includes:

- (a) The ferrule or stoptap at the junction of the service pipe with the main;
- (b) Any stoptap fitted at the end of the service pipe; and
- (c) Any stoptap fitted on the service pipe between the end thereof and the main.

**STOPTAP** includes stopcock, stopvalve, and any other device for stopping at will the flow of water in a line of pipes.

**STORAGE TANK** means any tank other than a flushing cistern having a free water surface under atmospheric pressure from which water supplied by the Council is delivered for use.

**SUPPLY PIPE** means the pipe provided by the consumer to connect the service pipe to his premises.

**UNCONTROLLED CATCHMENT AREA** means an area to which the public and domestic animals are not prohibited from entry and from which waters are drawn or likely to be drawn for public consumption.

**WET RISER MAIN** means a vertical water main installed in a multi-storey building with outlets on each floor to which the fire brigade can connect hose for fire fighting purposes, and connected to a water supply.

## **ORDINARY AND EXTRAORDINARY SUPPLY**

### 502 **ORDINARY SUPPLY**

502.1 Any water supplied from a water works to properties within a supply zone, where in the opinion of the authorised officer, the volume used will not exceed the domestic maximum volume shall be deemed to be an “ordinary supply” for the purposes of this part of the bylaw.

The domestic maximum volume shall be 250 cubic metres of water per year and is based on the maximum ordinary domestic requirement.

502.2 Every person paying to the Council the appropriate rates or charges levied in respect of such properties shall be entitled to an ordinary supply of water.

### 503 **EXTRAORDINARY SUPPLY**

503.1 Any water supplied from the waterworks in excess of the domestic maximum volume shall be deemed to be an “extraordinary supply” for the purposes of this Part of this bylaw.

### 504 **NO OBLIGATION TO GIVE EXTRAORDINARY SUPPLY**

504.1 The Council shall be under no obligation to give or continue any extraordinary supply of water.

### 505 **SUPPLY BY METER**

505.1 An extraordinary supply of water to any property shall be metered and where the supply of water to any premises consists of both ordinary and extraordinary supply the Authorised Officer may require that the whole of such supply be metered as an extraordinary supply, and in any case of doubt or dispute regarding the use of an ordinary supply such supply shall be metered as an extraordinary supply.

## **CONTINUITY OF SUPPLY AND PRESSURE**

### 506 **CONTINUITY OF SUPPLY**

506.1 The Council does not guarantee the uninterrupted supply of water, whether in cases of ordinary or extraordinary supply, and no allowance or compensation will be made or allowed on account of water being shut off, whether for the purpose of laying mains, effecting repairs, attaching new services, or for any other purpose or reason whatsoever.

506.2 All hospitals, schools factories, office blocks, theatres, restaurants, hairdressing salons, hotels, motels, boarding-houses, blocks of flats, and all consumers who, for the purpose of continuing a business or process, or for any other reason are dependant upon constant supply of water, shall provide such storage tanks as are necessary to give effective continuity for their particular purpose.

507 **PRESSURE**

507.1 The Council does not guarantee any specified maximum or minimum pressure in its distribution system and no allowance or compensation will be made or allowed on account of change of pressure in the supply.

508 **PROHIBITION OR RESTRICTION OF SUPPLY**

508.1 If at any time the Council considered that because of drought or for any other reason the available water supply is not sufficient to allow the unrestricted consumption of water, and that extraordinary measures are necessary in order to conserve such available water supply, the Council may restrict or prohibit the use of water whether ordinary or extraordinary supply for any specified purpose or for any specified period or may restrict the quantity which may be used. Any such restriction or prohibition may apply to the whole of the district or if the circumstances so require to a portion only of the district.

508.2 No consumer shall in case of any such restriction or prohibition be entitled to any payment or compensation whatsoever.

508.3 Any person offending against or failing to observe or comply with any of the provisions of any such resolution shall be guilty of an offence against this Part of this bylaw.

509 **WATER SUPPLY BEFORE OCCUPATION OF DWELLING**

509.1 No person shall occupy or permit the occupation of a building for residential purposes or human habitation unless such building shall be provided with an adequate and convenient supply of wholesome water for domestic purposes with approved pipes and fittings.

510 **APPLICATION FOR SUPPLY**

510.1 Any person who:

- (a) Shall be desirous of obtaining a supply of water either ordinary or extraordinary in respect of any premises; or
- (b) Is receiving a supply to his premises and wishes a change of his premises - shall sign an application to the Council for the same on an application form obtained from the Council's Service Centre.

510.2 Every application shall state thereon the purpose for which the supply is required, and any other relevant information as may be required by the Authorised Officer, and shall be signed by the owner or lessee of the premises for which water is required.

510.3 Every application shall, if required by the Authorised Officer, be accompanied by a plan to his satisfaction showing the work proposed to be carried out.

510.4 The applicant shall enter into such agreement as the Council may require in relation to such supply and the Authorised Officer may determine the method of supply by meter or otherwise.

511 **SUPPLIES FROM STANDPIPES ON HYDRANTS**

511.1 For approved purposes and subject to such conditions as the authorised officer may prescribe, supply of water may be given by means of a standpipe to be placed upon a specified fire hydrant. Application for such supply shall be made in writing to the authorised officer.

512 **DETERMINATION OF SIZE OF SERVICE**

512.1 The Authorised Officer shall have the right to estimate the proposed consumption and to determine the size of main tapping, the size of meter, and the size of service pipe required for the supply.

513 **ISSUE OF PERMIT**

513.1 Upon receipt of any such application in proper form the Authorised Officer may, if he is satisfied that a permit should be issued, issue a permit.

514 **NO DEVIATION FROM PERMIT**

514.1 No person, without the prior consent of the Authorised Officer, shall carry out any work otherwise than in accordance with the consent granted to him. All work shall be carried out in accordance with and subject to the provisions of the Building Act 1991 and the provisions of this Part of the bylaw.

**CONNECTIONS, DISCONNECTIONS, AND INSPECTIONS**

515 **NO PERSON TO CONNECT TO SYSTEM**

515.1 Only persons approved by the Council shall make any connection with or otherwise interfere with, any part of the waterworks system.

516 **DISCONNECTIONS REQUIRED**

516.1 Where any water fitting is to be permanently disconnected, the portion of pipe that supplies water to that fitting only, and is not required to supply water to any other fitting, shall also be disconnected in an approved manner.

517 **NOTICE WHEN SUPPLY NOT REQUIRED**

517.1 When any building or property supplied with water by the Council for any reason no longer requires supply, the owner or occupier, as is appropriate, shall give notice thereof in writing the Council.

518 **DISCONNECTION FOR NON-PAYMENT OR NON-COMPLIANCE WITH NOTICE (BUSINESS PROPERTIES ONLY)**

518.1 If default shall be made for more than three months in payment of any monies payable in respect of and incidental to the supply of water from its mains, the Council may cut off the supply without notice, and may recover all monies outstanding as a debt to the Council.

518.2 The Council may stop the supply of water to any premises where an owner or occupier:

- (a) Fails to comply with a notice from the Authorised Officer requiring repair of defective pipes or fittings; or

- (b) Wilfully allows water to run to waste or be misused.

Such supply will only be restored when the offending condition has been eliminated and the re-connection fee paid.

519 **TURNING-ON FEE**

519.1 Whenever the water supply has been cut off from any premises such supply will not be turned on except on payment of a fee of such amount as may from time to time be fixed by resolution of the Council in that behalf. The fee is to cover the cost of disconnection/reconnection and any difference in the cost to disconnect/reconnect and the fee shall be refunded/recovered from the occupier.

520 **INSPECTION OF INSTALLATIONS**

520.1 It shall be lawful for the Authorised Officer or other duly appointed officer of the Council at any time of the day or night to enter upon any land, and at any time between the hours of 8.00 am and 6.00 pm of any day, to enter into any building or the purposes of inspecting all or any of the fittings and other apparatus therein connected directly or indirectly with the waterworks, and any person resisting or refusing to allow any such entry or inspection shall be guilty of an offence against this Part of this bylaw. If the Authorised Officer is obstructed or refused admittance, the Council may stop the supply of water to that premises in any manner it thinks fit.

521 **POINT OF SUPPLY**

521.1 The point of supply to the consumer shall normally be a point 250 mm distant from the street boundary but in places where such alignment is inconvenient for making a connection by reason of fences, walls or other causes, it shall be sufficient if the service pipe is laid by the Council to a point as close as reasonably possible to such street boundary.

521.2 The extension to the boundary from the termination of the service pipe, and the supply pipe within the premises shall be provided by the owner or occupier at his own cost and expense, to the satisfaction and approval in all things of the Authorised Officer.

521.3 In the case of an extraordinary supply requiring metering, the meter may be installed on the supply pipe by arrangement between Council and the consumer.

522 **ONLY ONE POINT OF SUPPLY**

522.1 Except with the written consent of the Authorised Officer, no premises shall be supplied with more than 1 service pipe and where this consent is given, only under such conditions as the Authorised Officer prescribes.

523 **ONE PIPE NOT TO SERVE TWO PREMISES**

523.1 Except with the written consent of the Authorised Officer no water shall be supplied to any building or premises from any pipe or water supply fitting or appliance laid or installed on or in connection with any other building or premises. Such consent will not be given unless both the premises are held under one rating assessment.

## **FITTINGS AND MATERIALS, AND INSTALLATIONS**

### **524 WORK IN STREETS AND PUBLIC PLACES**

524.1 Except with the written consent of the Authorised Officer, no person shall carry out work in any street, private street, or public place. Any person having obtained such consent shall carry out and complete the same in accordance with the conditions as may be prescribed by the Authorised Officer and without unnecessary delay, and shall well and properly refill all trenches and shall remove all waste materials from each street, private street or public place as soon as possible. The Authorised Officer may specify the hours in which work in such street, private street, or public place may be undertaken.

### **525 GENERAL**

525.1 All materials, fittings, and appliances used for the supply and distribution in any premises of water supplied by the Council shall be of such design and quality as to prevent waste, undue consumption, misuse, or contamination of water, or the setting up of water hammer in any part of the system. They shall in every case be of approved design and materials for durability and ready maintenance. All such fittings shall be capable of standing a test pressure of 180 m head of water (1.8 MPa) and suitable for a working pressure equivalent to 90 m head of water (0.9 MPa), or such other pressures as the Authorised Officer shall prescribe.

Note: Properties located to the east of Cordelia Street must use fittings suitable for a working pressure of 120 m head of water (1.2 MPa).

### **526 PIPES**

526.1 Pipes used for water supply and distribution in any premises shall be those approved by the Authorised Officer, and shall in every case be capable of standing a test pressure equivalent to 180m head of water (1.8 MPa) and be suitable for a working pressure equivalent to that of 90 m head of water (0.9 MPa) or such other pressures as the Authorised Officer shall prescribe. Where such pipes are made of corrodible material they shall be efficiently protected against external corrosion and, unless they form part of a closed circuit from which water is not drawn, against internal corrosion.

Note: Properties located to the east of Cordelia Street must use pipes suitable for a working pressure of 120 m head of water (1.2 MPa).

526.2 Every pipe shall be adequately supported and shall be so aligned as to avoid air locks.

### **527 PIPES AND FITTINGS TO BE ACCESSIBLE**

527.1 Every pipe and fitting within a building shall, so far as is reasonably practicable, be so placed as to be readily accessible for examination, repair, or replacement.

Provided that this shall not prohibit the enclosing of any pipe in a properly designed chase or duct so constructed that the pipe is reasonably accessible for examination, repair, or placement.

### **528 PIPES ABOVE GROUND LEVEL**

528.1 Every external service pipe fixed above the level of the ground shall be properly protected by the owner of the premises as and when required by the Authorised Officer.

529 **DEPTH OF BURIAL OF PIPES**

529.1 Unless otherwise approved in special cases the minimum cover from the surface to the top of the pipe shall be as follows:

All pipes over 50 mm nominal diameter 750 mm in all locations.

Metal pipes up to 50 mm nominal diameter 500 mm while within public and private street boundaries or where likely in the opinion of the Authorised Officer to be crossed by vehicles;  
300 mm elsewhere.

Plastics or other than metal pipes up to 50 mm nominal diameter 600 mm within public or private street boundary or where likely in the opinion of the Authorised Officer to be crossed by vehicles;  
400 mm elsewhere.

530 **PIPES FOR FIRE FIGHTING PURPOSES**

530.1 Pipes of material known generally as plastics, and including PVC, polythene, rigid PVC, and all others which are mechanically affected by the action of heat shall not be fitted for use on any supply which is or may be required for fire fighting purposes in any premises.

531 **QUICK CLOSING VALVES NOT TO BE USED**

531.1 Quick-closing valves of any kind shall not be used on any piping directly connected to the service pipe, that is, in any position where they are required to close against mains pressure. In circumstances specially approved they may be used, provided a suitable air chamber is fitted in the supply pipe at the stoptap or next to the fitting as may be required in the particular case. In special circumstances non-concussive types of valve may be used as approved by the Authorised Officer.

532 **PROTECTION OF BALLVALVES**

532.1 Every stoptap, ballvalve or other fitting installed in an exposed position shall be protected against damage by an approved guard, and if considered necessary by the Authorised Officer shall be fitted in a separate compartment protected by a securely fixed cover.

533 **WATERING TROUGHS**

533.1 Every pipe supplying water to a watering trough for animals shall be fitted with a ballvalve or some other effective means of controlling the inflow of water so designed as to prevent overflow and having an air gap as required and specified in this Part of this bylaw and fixed in separate compartment and protected by a securely fixed cover.

**PREVENTION OF CONTAMINATION**

534 **NO CONNECTION TO OTHER SUPPLIES**

534.1 In any system of piping supplied with water by the Council, no direct connection with any other sources of supply of water shall be made.

534.2 No direct connection shall be made or maintained to any drainage system drainage or sanitary fitting, or to any fittings or apparatus including steam boilers used for the reception or conveyance of any liquid, gas, or drawn water.

535 **DRAWN WATER NOT TO BE RETURNED**

535.1 No person shall return or allow to return to any main or pipe or any other part of the water supply system of the Council any water drawn from any part of such system.

536 **MINIMUM AIR GAP**

536.1 The minimum air gap between the outlet of a water supply pipe or fitting which is directly connected to the Council system and the highest possible water level of the fixture or receptacle into which water is drawn or used shall be twice the diameter of the effective opening of such supply pipe or fitting but in no case shall it be less than 25 mm.

537 **PRIMING OF PUMPS**

537.1 No pump shall be equipped with a direct connection for priming or other purposes. Priming may be arranged by means of a discharge point and funnel where the discharge point is a minimum of 25 mm above the funnel as defined by air gap.

538 **CHECK VALVES IN MULTIPLE SERVICES**

538.1 Where a supply of water to premises from more than one point of supply by the Council is permitted and where in the opinion of the Authorised Officer they may be interconnected, the supply at each point shall be through a double checkvalve installed between 2 isolating gate valves with a bleedvalve fitted on the delivery side of the supply isolating valve so that the effectiveness of the check valves may be readily determined.

539 **PROTECTION OF SUPPLY PIPES**

539.1 No supply pipe or fitting shall be laid or fixed, through, in, or into any drain, sink, ash pit, or manure pit, nor through, in, or near any place where the water may become liable to be contaminated.

540 **PREVENTION OF BACKFLOW**

540.1 Where in the opinion of the Authorised Officer any consumer has a piping system which may be connected or used in such a manner as to be a possible source of contamination of the Council mains, the consumer shall protect the service connection at the point of supply to such property by one of the following backflow preventers as the Authorised Officer may direct:

- (a) **AIR GAP SEPARATOR** defined as a physical break between a supply pipe and a receiving vessel. The air gap shall be at least double the diameter of the supply pipe, measured vertically above the top rim of the vessel, and in no case less than 25 mm. In all cases the piping from the point of supply to the receiving vessel shall be completely visible.
- (b) **DOUBLE CHECKVALVE ASSEMBLY** defined as an assembly of at least 2 independently acting checkvalves including gatevalves on each side of the checkvalve assembly and suitable leak-detector drains plus connections available for testing the water tightness of each checkvalve. The checkvalves shall seat readily and completely. The face of the closure element and valve seat must be of bronze, composition, or other corrosion resistant material. Pins and bushes shall be of bronze or other corrosion resistant non-sticking material, machined for dependable operation. The closure element shall be weighted or otherwise made to promote rapid and positive closure.

- (c) **REDUCED-PRESSURE-PRINCIPLE BACK-FLOW-PREVENTION DEVICE** defined as a device incorporating an automatically operating differential relief valve located between the two checkvalves, 2 gatevalves for isolating and the necessary appurtenances for testing. The device shall operate to maintain the pressure in the zone between the 2 checkvalves, less than the pressure on the Council main side of the device. At cessation of normal flow the pressure between check valves shall be less than the supply pressure. In the case of leakage of either checkvalve the differential relief valve shall operate to maintain this reduced pressure by discharging to the atmosphere. When the inlet pressure is equivalent to 1.4 m head of water (14kPa; imperial 2 lb/in<sup>2</sup>) or less the relief valve shall open to the atmosphere, thereby providing an air-gap in the device. The device must be readily accessible for maintenance and testing and installed in a location where no part of the valve will be submerged.
- (d) A vacuum column defined as an arrangement of pipes which forms an inverted U extending upwards to a point not less than 10.5 m above the highest point in the service pipe and in which there cannot be excess pressure on the property side of the column.

## **PREVENTION OF WASTE WATER**

### 541 **WASTE AND IMPROPER USE TO BE PREVENTED**

- 541.1 No person shall use, or permit or suffer to be used, the water supply obtained through the Council's waterworks system improperly or to an unreasonable extent or in a wasteful manner, or otherwise in any manner contrary to the provisions of this Part of this bylaw.

### 542 **OVERFLOW PIPES**

- 542.1 Overflow pipes, if fitted to baths and water-using fittings or apparatus other than a washhand basin, shall be arranged to discharge in the open air in an approved conspicuous position, and they shall not be led into waste pipes or drains.

### 543 **FITTINGS TO BE IN GOOD REPAIR**

- 543.1 No person shall allow any pipe, tap, or other fitting on his premises connected with the water supply to be out of repair or in any way defect so that water is wasted, misused, or contaminated, or water hammer is caused.

### 544 **DEFICIENT PIPES**

- 544.1 Where, in the opinion of the Authorised Officer, any pipe, cock, appliance, or fitting in connection with any water service of any premises has deteriorated, or is of inferior quality or workmanship, or is causing or is likely to cause waste of water, or is insufficient for the proper supply of water, it shall be lawful for the Authorised Officer to give to the owner or occupier of such premises notice in writing requiring him to carry out such works as shall be specified in that behalf in such notice, and failure by such owner or occupier to comply with the requirements of such notice within the time specified therein shall be an offence against this Part of this bylaw.

### 545 **EXISTING PIPES AND FITTINGS**

- 545.1 Any existing pipes or fittings in any premises connected to the Council's water supply at the date of this Part of this bylaw or in any property which may subsequently be connected to the water supply may remain in use provided that upon inspection by the Authorised Officer they are found to be satisfactory.

546 **SPRINKLERS**

546.1 Sprinklers or unattended hoses may be used except when restricted by Council by public notification and then only during the periods determined in the public notice and subject to such sprinklers or unattended hoses being under the immediate personal care of some competent person at all times when in operation.

547 **WATER USED FOR COOLING**

547.1 Air-conditioning or industrial plant using an extraordinary supply for cooling purposes shall be provided with water conservation equipment so that the consumption is limited to that required to make up reasonable losses due to evaporation, wind, flushing, and similar effects. The use of water once through a cooling system that is without the use of recirculating equipment prohibited without the written permission of the Authorised Officer.

**METERS**

548 **INSTALLATION OF METERS**

548.1 When a supply of water is required by the Council to be metered, the meter will be supplied and installed by an approved licensed contractor and all costs shall be met by the applicant. The consumer shall pay a meter rent, fixed by the Council by resolution publicly notified, to cover the cost and maintenance of such meter provided in this Part of this bylaw.

548.2 Without prior written authority of the Authorised Officer no branch fitting whatsoever shall be connected to the service pipe between the main and the meter.

549 **PROTECTION OF METERS**

549.1 Where required by the Authorised Officer the consumer shall:

- (a) Provide an approved site within the premises for the meter;
- (b) Take sufficient precaution to protect the meter from damage at all times;
- (c) enclose the meter in a suitable box or other enclosure and shall in cases where natural support is absent provide suitable wall brackets or other support; and
- (d) Ensure that the meter shall be readily accessible at all times.

550 **TESTING OF METERS**

650.1 Should a consumer dispute the accuracy of a meter he may apply to the Authorised Officer to have the meter tested and if it is found to be over-reading there will be no charge for the test. If the meter is correct or under-reading the consumer shall pay to the Council the cost of replacing the meter, in addition to the testing fee.

551 **METHOD OF TESTING METER**

551.1 All tests of meters shall be made by an approved Council Agent. The test will be made by running a measured quantity of not less than 2,000 litres through the meter and the meter shall be deemed to be correct if it registers within 4 percent either less or more than the measured quantity. In addition, the meter shall be capable of registering small flows from 2 percent of normal flow and upward; the consumer shall have the right of witnessing the test.

552 **METER ACCOUNTS ADJUSTED**

552.1 Should any meter after being tested be found to be reading incorrectly the Authorised Officer shall make an adjustment in accordance with the results of such test after due allowance for permissible tolerances, and the consumer shall pay accordingly to such adjustment.

553 **METER TAMPERED WITH**

553.1 Should any meter have its seal or dial broken or appear to the Authorised Officer to have been tampered with, the Authorised Officer may declare the reading void and estimate the consumption in any manner he thinks fit, and the consumer shall pay according to such estimate, and may be required also to pay for the repair to the meter and for all attendant charges.

554 **ESTIMATING CONSUMPTION WHEN METER OUT OF REPAIR**

554.1 Should any meter be out of repair or cease to register (except as in clause 653.1 above) the Authorised Officer shall estimate the consumption for the period since the previous reading of such meter (based on the average of the previous four periods charged to the consumer), which decision shall be final, and such consumer shall pay according to such decision.

Provided that when, by reason of a large variation of consumption due to seasonable or other causes, the average of the previous four periods would be an unreasonable estimate of the consumption, the Authorised Officer shall be entitled to take into consideration other evidence for the purpose of arriving at a reasonable estimate, and such decision shall be final, and the consumer shall pay according to such decision.

**CHARGES**

555 **CHARGES FOR SERVICE PIPES ETC.**

555.1 The charges payable by the consumer for tapping the main pipe and for laying the service pipe installing a meter, testing a meter where required, keeping such service pipe and meter in repair and renewing when necessary, disconnection and reconnection where required, and road restoration shall be of such amount as may from time to time be determined by resolution of the Council and road restoration shall be met by the person receiving that supply.

556 **CHARGES FOR ORDINARY SUPPLY**

556.1 Charges for an ordinary supply of water shall be either by water rates, or uniform annual charges, or a charge fixed in accordance with the quantity of water consumed.

557 **CHARGES FOR EXTRAORDINARY SUPPLY**

557.1 Charges for an extraordinary supply of water (whether accordingly to the quantity consumed or otherwise) shall be of such amount as may from time to time be fixed by resolution of the Council in that behalf, publicly notified, or may be agreed on with any person receiving that supply; minimum charges for such extraordinary supply may likewise be specified in the said resolution or agreement.

558 **READING OF METERS AND ACCOUNTS**

558.1 Meters will be read and accounts rendered at such intervals as the Council may from time to time decide.

559 **WATER SUPPLIED BY STANDPIPE**

559.1 Where a supply of water is given by means of a standpipe, the applicant will be responsible for the full cost of any subsequent repairs found necessary following the use of such standpipe. Water used shall be paid for at normal rates for extraordinary supply or as determined by prior agreement. The consumer shall also pay such hire charges as required by the Council in the event of using a Council standpipe. Water used shall be paid for at normal rates for extraordinary supply or as set by resolution of Council.

560 **WATER CHARGED AT ANNUAL CHARGE**

560.1 When an extraordinary supply of water is granted to a consumer for any purpose at an annual charge, it shall be lawful for the Council if it thinks fit, to affix a meter to such supply, and the charge shall be determined by the provisions of this Part of this bylaw relating to the purpose for which the water is being used.

561 **SUPPLIES TO LOCAL AUTHORITIES**

561.1 The charges to be made for water supplied to other local authorities shall be of such amounts as may from time to time be fixed by resolution of the Council or as may be agreed on with any local body receiving that supply.

562 **WATER FOR EXTINGUISHING FIRES**

562.1 Unmetered connections which may be provided for fire protection systems shall be used for no other purpose and shall be independent of any other service connection to the property.

562.2 In any case in which, in the opinion of the Authorised Officer, a fire connection is so constructed or so located that it is likely that water will be drawn from it or from any part of it by any person for purposes other than fire fighting, the Authorised Officer may cause a water meter to be installed on such fire service or on such part. In every such case whenever water has been used for fire fighting purposes, the Authorised Officer shall estimate the quantity of water so used and a sum based on such estimate at the appropriate charge rate, shall be allowed against the cost of such amount of water charged to the owner's account.

562.3 A fire sprinkler system shall be constructed and installed and thereafter maintained in accordance with the requirements of the Building Act 1991.

562.4 In the case of premises outside the district, a connection for a sprinkler system may be provided from a Council main, with the prior consent of the Council.

562.5 Hose reels used solely for fire protection purposes may be installed only under conditions prescribed by the Authorised Officer.

562.6 The cost of making, repairing, and renewing the connection from the main to the consumer's premises shall be paid and borne by the consumer.

562.7 An annual licence fee of such amount fixed by resolution of the Council shall be paid by the consumer to the Council in respect of such installation.

562.8 Water used for the purpose of extinguishing fires will not be charged for.

## **SUPPLY OUTSIDE DISTRICTS**

### **563     APPLICATION OF BYLAW**

563.1 Where the Council supplies water outside the district and in the area of another Council with the consent of that Council, then for that supply all of the provisions of the empowering Act relating to waterworks shall apply and all the provisions of this Part of this bylaw shall apply equally to all places, persons, and things outside the district as they apply to the same within the district.

## **PROTECTION OF WATER SUPPLY**

### **564     PROHIBITIONS**

564.1 No person shall pollute or cause to be polluted any water that is part of the waterworks in any controlled catchment area or uncontrolled catchment area, or in any part of the waterworks prior to the withdrawal of water therefrom by some pipe lawfully connected therewith.

564.2 In any controlled catchment area or any part of the waterworks prior to the withdrawal of any water therefrom by some pipe lawfully connected therewith, no person shall:

- (a) Camp;
- (b) Take, depasture, or allow to stray any livestock including horses, cattle, sheep, or goats;
- (c) Bathe or wash any linen or other thing; or
- (d) Deposit any dirt, rubbish, foul liquid, or matter of any kind.

564.3 In any controlled catchment area or land held by the Council as a water reserve, no person shall, without first obtaining a permit in writing from the Council.

- (a) Enter;
- (b) Hunt, trap, shoot or fish;
- (c) Light or maintain any fire;
- (d) Take any dog;
- (e) Damage or destroy any trees, shrubs, or other existing cover, or interfere with any property;
- (f) Take any firearm or weapon of any kind which may be used for the destruction of birds and animals; or
- (g) Use any pesticide or toxic substances for any purpose whatsoever.

564.4 In granting any such permit the Council may impose such conditions as it shall consider necessary or advisable, and every person to whom any such permit shall have been issued who shall fail to comply with every condition thereof shall be guilty of an offence against this Part of this bylaw.

564.5 No person shall burn, bury, or otherwise dispose of any refuse or other matter except to the satisfaction of the custodian.

565 **CARCASSES TO BE REMOVED**

565.1 Any person who kills any animal on any controlled catchment area or land held by the Council as a water reserve shall remove the carcass thereof from such area, or shall dispose of the carcass as directed by and to the satisfaction of the custodian.

566 **PERMITS TO BE PRESENTED**

566.1 No person to whom any permit shall have been issued as aforesaid shall enter or leave any controlled catchment area or land held by the Council as a water reserve without presenting such permit for inspection by custodian and notifying the custodian of his intention of entering or leaving such area as the case may be.

566.2 Every person on any controlled catchment area or land held by the Council as a water reserve shall upon demand forthwith produce any such permit as aforesaid for inspection by the custodian.

566.3 No permit issued as aforesaid shall be capable of being transferred.

566.4 It shall be lawful for the Council at any time by notice in writing delivered to the holder to revoke or suspend such permit for such time as shall be stated in such notice.

567 **AGAINST INTERFERENCE AND OBSTRUCTION**

567.1 In any controlled catchment area or any land held by the Council as a water reserve:

- (a) No person whether he is a holder of any permit issued under the provisions of this Part of this bylaw or not (other than a duly appointed officer of the Council), shall commit or cause or permit to be committed any act which may interfere with or be likely to interfere with the free and lawful exercise of any rights vested in any other person in any such area.
- (b) Every person shall upon the request of the custodian or other officer of the Council immediately leave the controlled catchment area or land held by the Council as a water reserve, but shall nevertheless be liable also to be prosecuted for the breach of any of the provisions of this Part of this bylaw, and the failure so to leave shall constitute a further offence.
- (c) No person shall obstruct or hinder any duly appointed officer of the Council in the exercise of any powers vested in him under the provisions of this Part of this bylaw.