



OFFICE CONSOLIDATION

BYLAW NUMBER 24M96

**BEING A BYLAW OF THE CITY OF CALGARY
TO REGULATE SEWERS**

(Amended by Bylaw Numbers 48M96, 38M97, 26M98, 44M98, 47M99, 57M99, 1M2000, 39M2000, 45M2000, 50M2000, 42M2001, 35M2002, 38M2003, 50M2003, 42M2004, 48M2004, 20M2005, 33M2005, 45M2005, 15M2006, 68M2008, 56M2009, 60M2009)

**NOW, THEREFORE, THE COUNCIL OF THE CITY OF CALGARY ENACTS AS
FOLLOWS:**

SHORT TITLE

1. This Bylaw may be cited as the "Sewer Service Bylaw".

DEFINITIONS

2. (1) In this Bylaw, unless the context otherwise requires, the expression:
- (a) "*adverse effect*" means impairment of or damage to the environment, human health or safety or property;
 - (b) "*biochemical oxygen demand*" means the quantity of oxygen utilized in the biochemical oxidation of matter as set forth in the Standard Methods;
 - (c) "*biological waste*" means waste from a hospital, medical clinic, medical laboratory, dental laboratory, dental clinic, health care facility, necropsy facility, research laboratory, biological research facility which contains or may contain one or more of the following:
 - (i) pathogenic materials, substances or agents which will not or cannot be treated to acceptable levels by the wastewater treatment process, or
 - (ii) experimental biological materials, substances or agents which will not or cannot be treated to acceptable levels by the wastewater treatment process and may be hazardous to human health, or cause an adverse effect;
 - (d) "*BTEX*" means the total of benzene, toluene, ethyl benzene, and xylenes;
 - (e) "City" means The City of Calgary or the area contained within its municipal boundaries, as the context requires;
 - (f) "*chemical oxygen demand*" means a measure of the oxygen equivalent of the organic content of a sample susceptible to oxidation by a chemical oxidant as set forth in the Standard Methods;

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- (g) "*City Manager*" means the person appointed by the Council of the City as its chief administrative officer or the City Manager's designate, including the Director, Water Resources and the Director, Water Services;
(B/L 56M2009, 2009 November 2)
- (h) "*common sewer service*" means a sewer service connected to 2 or more premises and draining to the wastewater system or the storm drainage collection system;
(B/L 56M2009, 2009 November 2)
- (i) "*connection*" means a pipe or conduit installed between the premises and the storm drainage collection system or wastewater system for the purpose of draining storm drainage or wastewater from a premises;
(B/L 56M2009, 2009 November 2)
- (j) "*Council*" means the municipal council of the City;
- (k) "*discrete wastewater stream*" means wastewater from an individual process or part thereof which, except by dilution upon mixing with other wastewater prior to entering the wastewater system, would not meet the concentration limits stated or otherwise implied in Section 8 of this Bylaw;
(B/L 56M2009, 2009 November 2)
- (l) "*domestic wastewater*" means the wastewater that is the composite of liquid and water-carried wastes associated with the use of water for drinking, cooking, cleaning, washing, hygiene, sanitation or other domestic purposes, together with any infiltration and inflow wastewater, that is released into a wastewater system;
(B/L 56M2009, 2009 November 2)
- (m) "*flammable liquid*" means a substance that is a liquid, a mixture of liquids or a liquid containing solids in solution or suspension that has a flash point not greater than 61° C as determined by American Society for Testing Materials (A.S.T.M.) method D93-48 for flash point by Pensky-Martens closed cup tester;
- (m.1) "*Director, Water Resources*" means the City Manager or the City Manager's designate;
(B/L 56M2009, 2009 November 2)
- (m.2) "*Director, Water Services*" means the City Manager or the City Manager's designate;
(B/L 56M2009, 2009 November 2)
- (n) "*grab sample*" means a sample collected at a particular time and place used for the analysis of storm drainage or wastewater;
- (o) "*hailed wastewater*" means wastewater other than septage for which a permit has been obtained, and which is transported to a designated site for disposal to the wastewater system;
(B/L 56M2009, 2009 November 2)
- (p) "*hazardous waste*" means waste defined as hazardous waste under the *Environmental Protection and Enhancement Act*;

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- (q) "*hydrocarbons*" means solvent extractable matter as set forth in the Standard Methods;
- (r) "*industrial wastewater*" means wastewater that is the composite of liquid and water-carried wastes from a plant;
- (s) "*interceptor*" means a receptacle approved by the Director, Water Resources and designed to prevent oil, grease, sand or other matter from passing from the source thereof into the wastewater system;
(B/L 56M2009, 2009 November 2)
- (t) "*manifest*" means documentation accompanying deliveries of hauled wastewater by hauled wastewater permit holders;
- (u) "*oil and grease*" means solvent extractable matter as set forth in the Standard Methods;
- (v) "*overstrength wastewater*" means wastewater which has concentrations in excess of one or more of the following 300 mg/L of biochemical oxygen demand, 600 mg/L of chemical oxygen demand, 300 mg/L of total suspended solids, 100 mg/L of oil and grease;
- (w) "*permitted discharge*" means wastewater or storm drainage which exceeds one or more of the concentration limits in this Bylaw which has been accepted for discharge to the wastewater system or storm drainage collection system by the Director, Water Resources and for which a permit has been issued;
(B/L 56M2009, 2009 November 2)
- (x) "*permit*" means a permit issued by the Director, Water Resources or a permit issued by the Director, Water Services;
- (y) "*person*" means any individual, partnership or corporation and includes heirs, executors, administrators or legal representative of a person;
- (z) "pH" means the measure of the intensity of the acid or alkaline condition of a solution determined by the hydrogen ion concentration of the solution as set forth in the Standard Methods;
- (aa) "*premises*" means land or buildings or both or a part thereof;
- (bb) "*radioactive substance*" means substances defined in the Atomic Energy Control Act and the regulations passed thereunder, as amended from time to time;
- (cc) "*septage*" means wastewater removed from a cesspool, septic tank system, privy vault or privy pit, chemical toilet, portable toilet, or wastewater holding structure or wastewater which otherwise meets the requirements of Section 8(1) of this Bylaw;
- (dd) "*sewer service charge*" means a charge made pursuant to the provisions of this Bylaw, but does not include a sewer service surcharge;

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- (ee) "*sewer service surcharge*" means the additional charge levied on wastewater in accordance with this Bylaw;
- (ff) "*Standard Methods*" means the analytical and examination procedures
- (i) set out in the current edition of "Standard Methods for the Examination of Water and Wastewater" published jointly, from time to time, by the American Public Health Association and the American Water Works Association and the Water Environment Federation, and
 - (ii) includes those procedures approved by the Director, Water Resources in writing which are on file at the office of the Director, Water Resources,
- and in the event of a conflict between those procedures described in Section 2.(1)(ff)(i) and the procedures approved by the Director, Water Resources, the procedure approved by the Director, Water Resources shall prevail;
- (gg) "*storm drainage*" means storm drainage resulting from precipitation;
- (hh) "*storm drainage collection system*" means the system of sewers, valves, fittings, pumping stations and appurtenances owned by the City and used to collect storm drainage, but does not include plumbing or service connections in buildings;
- (ii) "*storm drainage treatment facility*" means any structure or thing used for the physical, chemical or biological treatment of storm drainage, and includes any of the storage or management facilities which buffer the effects of the peak runoff;
- (jj) "*sump*" means a facility on the connection to the wastewater system or the storm drainage collection system for trapping large, heavy solids before discharge to the wastewater system or storm drainage collection system;
- (B/L 56M2009, 2009 November 2)
- (kk) "*test manhole*" means a manhole or other facility suitable to the Director, Water Resources for obtaining flow measurement and wastewater samples of any and all discharges to the wastewater system or the storm drainage collection system;
- (B/L 56M2009, 2009 November 2)
- (ll) "*total suspended solids*" means solid matter that can be removed by filtration through a standard filter as set forth in the Standard Methods;
- (mm) "*waste*" means an unwanted substance or mixture of substances and includes refuse and garbage;

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- (nn) "*wastewater*" means the composite of water and water-carried wastes from residential, commercial, industrial or institutional premises but excludes storm drainage or groundwater except as allowed pursuant to this Bylaw;
(B/L 56M2009, 2009 November 2)
- (oo) "*wastewater system*" means the City owned system for the collection, transmission, treatment and disposal of wastewater.
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 42M2004, 2004 June 21)
(B/L 56M2009, 2009 November 2)
- (2) The Director, Water Resources shall make available for inspection by the public copies of those analytical and examination procedures which have been approved by the Director, Water Resources pursuant to Section 2 (1) (ff).
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

COMPLIANCE WITH OTHER LAWS

3. Nothing in this Bylaw relieves any persons from complying with any provision of any Federal or Provincial legislation or any other Bylaw of the City.

DISPOSAL OF WASTE

4. (1) The owner of a building shall ensure that wastewater from the plumbing system in the building is disposed of into the wastewater system or a private sewage treatment and disposal system approved by the Director, Water Resources.
(B/L 56M2009, 2009 November 2)
- (2) The owner of a building, where the plumbing system is to be connected to the wastewater system, shall ensure that the plumbing system is not used for the disposal of any material prior to connection to the wastewater system.
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

CONNECTIONS

5. (1) No person shall make, alter or remove, or suffer or permit the making, alteration or removal of, any connection to the wastewater system or the storm drainage collection system without the written approval of the Director, Water Services.
(B/L 56M2009, 2009 November 2)
- (2) Applications for the installation, alteration or removal of a connection shall be made in writing to the Director, Water Services.

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- (3) The Director, Wastewater may approve the installation, alteration or removal of a connection upon such terms and conditions as the Director, Wastewater considers necessary including but not limited to compliance with the requirements of The City of Calgary Utility Site Servicing Bylaw and the payment in advance of the cost or estimated cost of the installation, alteration or removal of the connection.
- (4) The installation, alteration or removal of a connection shall be carried out at the cost of the applicant.
- (5) No person shall re-use a connection without first obtaining the consent in writing of the Director, Water Services.
- (6) Where the use of a connection is discontinued the owner of the premises which was serviced by such connection shall forthwith notify the Director, Water Services in writing and the owner shall pay to the City, in advance, the cost of disconnecting such connection.
- (7) Any person who proposes to carry on, alter or expand any industrial or commercial activity on any premises which is connected or is proposed to be connected to the wastewater system shall prior to commencing expanding or altering such activity or making any connection to the wastewater system provide to the Director, Water Resources a report certified by a Professional Engineer indicating:

(B/L 56M2009, 2009 November 2)

 - (a) the daily volumes and peak discharges of wastewater from the premises;
 - (b) a description of the industrial or commercial activity to be carried on within the premises including the particulars of any expansion or addition;
 - (c) the anticipated biochemical oxygen demand and chemical oxygen demand of wastewater to be discharged from the premises;
 - (d) the amount of total suspended solids or oil and grease in the wastewater;
 - (e) the type of waste to be processed or discharged on or from the premises including information as to whether or not any of the substances described in Schedule "A" are included in such waste;
 - (f) the proposed pre-treatment, flow equalization or mixing facilities to be utilized on the premises;
 - (g) the location of a test manholes for wastewater and storm drainage to be discharged from the premises;
 - (h) the monitoring equipment to be utilized on the premises, and
 - (i) such other information as the Director, Water Resources may request.
- (8) For the purposes of subsection (7) "alter or expand" means "the alteration or expansion of an industrial or commercial activity so that the quantity, biochemical oxygen demand, total suspended solids concentration or oil and grease

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concentration of wastewater from the premises is increased or contravenes any provision of this Bylaw" and "expanding or altering" has a similar meaning.

- (9) Notwithstanding subsection (7) the Director, Water Resources may by approval given in writing allow an industrial or commercial activity to be commenced, expanded or altered and a connection to be made without the provision of the report referred to in subsection (7) if the Director, Water Resources is satisfied on the basis of the information available that the proposed activity will not adversely impact the wastewater system.

(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 33M2005, 2005 May 16)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

STORM DRAINAGE

6. (1) Except as otherwise provided in this Bylaw, no person shall direct, allow or suffer any storm drainage to be placed in the wastewater system.
(B/L 56M2009, 2009 November 2)
- (2) Where storm drainage on any land is directed into or connected to the wastewater system, the owner of that land shall forthwith, upon being so directed by the Director, Water Resources disconnect the storm drainage from the wastewater system and connect it to the storm drainage collection system, if available, or shall dispose of the storm drainage in a manner satisfactory to the Director, Water Resources.
(B/L 56M2009, 2009 November 2)
- (3) Notwithstanding subsection (2), the Director, Water Resources may approve connection or direction of storm drainage to the wastewater system.
(B/L 56M2009, 2009 November 2)
- (4) REPEALED BY B/L 26M98, 1998 SEPTEMBER 15
- (5) REPEALED BY B/L 26M98, 1998 SEPTEMBER 15
- (6) REPEALED BY B/L 26M98, 1998 SEPTEMBER 15
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

TEST MANHOLES

7. (1) A person who carries on an industrial or commercial activity on a premise which is connected, or which is to be connected, to the wastewater system or the storm drainage collection system shall provide to the City, at no cost to the City, test manholes for the testing of wastewater and storm drainage from the premises at a locations satisfactory to the Director, Water Resources.
(B/L 56M2009, 2009 November 2)

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- (2) If a test manhole has not been provided for a premises on which an industrial or commercial activity is occurring or if the test manhole provided for such premises is for any reason not accessible to the Director, Water Resources, the Director, Water Resources by notice in writing may require the owner or occupier of the premises to pay to the City that amount of money which the Director, Water Resources deems necessary to cover the cost of constructing and installing a test manhole and upon receipt of such notice, the owner or occupier of the premises as the case may be, shall forthwith pay such amount to the City.
- (B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

PROHIBITED MATERIALS

8. (1) Except as otherwise provided in this Bylaw no person shall release or discharge, or permit the releasing or the discharge, of any waste described in Schedule "A" into the wastewater system.
- (B/L 56M2009, 2009 November 2)
- (2) Except as otherwise provided in subsections (3) and (4), no person shall cause or allow to be discharged into the wastewater system wastewater which:
- (B/L 56M2009, 2009 November 2)
- (a) has a biochemical oxygen demand greater than 1200 milligrams per litre;
- (b) has a chemical oxygen demand greater than 2400 milligrams per litre;
- (c) contains total suspended solids in excess of 1200 milligrams per litre; or
- (d) contains more than 450 milligrams per litre of oil and grease.
- (3) Subsection (2) does not apply to prevent the discharge of human excrement and urine.
- (4) Where the Director, Water Resources is satisfied that wastewater which does not meet the requirements of subsections (1) or (2) will not damage the wastewater system the Director, Water Resources may, notwithstanding subsections (1) or (2), by approval given in writing allow such wastewater to be deposited into the wastewater system upon such terms and conditions as the Director, Water Resources may specify including but not limited to periodic testing of the wastewater and the payment of surcharges in accordance with the requirements of this Bylaw.
- (B/L 56M2009, 2009 November 2)
- (5) No person shall, for the sole purpose of meeting any concentration limits set out in this Bylaw, dilute any wastewater intended to be deposited in the wastewater system.
- (B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

UNLAWFUL, UNAUTHORIZED AND ACCIDENTAL RELEASES

9. (1) Any person who causes or allows any release or discharge of waste into the wastewater system or the storm drainage collection system in contravention of this Bylaw shall take all reasonable measures to immediately notify:
- (a) the 9-1-1 emergency telephone number if there is any damage or immediate danger to:
 - (i) human health or safety;
 - (ii) property;
 - (iii) the environment; or
 - (iv) the wastewater system, including treatment processes;
 - (b) the City, by calling the 24-hour 3-1-1 telephone number;
 - (c) the owner of the premises where the release occurred; and
 - (d) any other person that may be affected by the release.
- (2) The person reporting the release or discharge described in Subsection (1) shall supply the following information:
- (a) the name and contact information of the person reporting the release;
 - (b) the time and location of the release;
 - (c) the type of material released and any known associated hazards;
 - (d) the volume of material released; and
 - (e) any corrective action being taken, or proposed to be taken, to control the release.
- (3) Either the Director, Water Resources or the Director, Water Services may require the owner or any person responsible for the release or discharge described in Subsection (1) to:
- (a) compensate the City for any costs incurred by the City to mitigate the effects of the release or discharge; and
 - (b) submit to either the Director, Water Resources or the Director, Water Services a plan setting out how the risk of any future similar releases or discharges of waste will be prevented or eliminated.

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- (4) Any person who causes or allows any waste to be released or discharged into the wastewater system in contravention of this Bylaw must immediately take all reasonable measures to mitigate the release or discharge.
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

TESTING OF WASTEWATER

10. (1) Should testing of the wastewater being discharged into the wastewater system be required for the purpose of determining the sewer service surcharge, such testing shall be conducted by the Director, Water Resources using automated sampling devices or in accordance with the following manual sampling protocol:
(B/L 56M2009, 2009 November 2)
- (a) samples from the effluent produced at a location will be collected each day for a minimum of two days;
- (b) a minimum of four grab samples of equal volume shall be taken each day, such samples to be taken at least one hour apart;
- (c) the analysis shall be conducted on a composite sample made of each day's grab samples;
- (d) the respective results of these tests shall be averaged to determine the characteristics and concentration of the effluent being discharged into the City wastewater system.
(B/L 56M2009, 2009 November 2)
- (2) Where a common sewer service pipe connects different industrial and commercial premises served by separate water meters to the wastewater system and only one test manhole is maintained pursuant to this Bylaw, the results of tests performed on samples collected from such test manholes shall be used to determine a sewer service surcharge which shall be used for all premises connected to the common sewer service.
(B/L 56M2009, 2009 November 2)
- (3) Any single grab sample may be used to determine compliance with any provision of this Bylaw.
- (4) The Director, Water Resources may from time to time conduct tests at the test manhole, or, where there is not a test manhole located at a place satisfactory to test the wastewater being discharged, the Director, Water Resources may enter upon the premises from which the wastewater originates and conduct the tests as he deems necessary.
- (5) For the purpose of determining compliance with Section 8, the Director, Water Resources may test discrete wastewater streams within a premises.

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- (6) Where there is more than one test manhole servicing a site, the Director, Water Resources may estimate proportions of samples collected from each test manhole for the purpose of determining a sewer service surcharge.
(B/L1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

MONITORING EQUIPMENT

11. (1) Where in the opinion of the Director, Water Resources any source of wastewater connected to the wastewater system may produce wastewater not in compliance with this Bylaw, the Director, Water Resources may order the testing of the characteristics and concentrations of the wastewater being discharged.
(B/L 56M2009, 2009 November 2)
- (2) Should any testing undertaken pursuant to subsection (1) disclose that the wastewater is not in compliance with this Bylaw, the Director, Water Resources may direct the owner of the premises from which the wastewater originates to comply with this Bylaw, and the owner shall forthwith take all action necessary to ensure that the wastewater complies with the requirements of this Bylaw.
- (3) In addition, the Director, Water Resources may direct the owner described in subsection (2) to install and utilize such monitoring equipment as the Director, Water Resources deems necessary and the owner shall, at the expense of such owner, forthwith install and utilize all such equipment. The results of such monitoring shall be supplied to the Director, Water Resources.
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

INTERCEPTORS

12. (1) An owner or occupier of any premises upon which an industrial or commercial activity is carried on and which discharges into the wastewater system wastewater containing oil, grit, grease, sand or inflammable material shall provide an interceptor on the premises in the location directed by the Director, Water Resources.
(B/L 56M2009, 2009 November 2)
- (2) The owner or occupier of the premises described in Subsection (1) shall:
- (a) keep the interceptor in good working condition at all times; and
 - (b) service the interceptor often enough so that it does not become overloaded.

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- (3) No person shall deposit, or cause or allow, any interceptor residue to be deposited into the wastewater system.
- (B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

PROVISION OF WASTEWATER PRE-TREATMENT

13. (1) Where wastewater discharged into the wastewater system is deleterious to the wastewater system, the Director, Water Resources may by notice in writing require the owner or occupier of the premises to construct and maintain such wastewater pre-treatment facilities so as to ensure compliance with this Bylaw, and the owner or occupier shall forthwith comply with such requirements.
- (B/L 56M2009, 2009 November 2)
- (2) Where wastewater is discharged into the wastewater system in volumes which in the opinion of the Director, Water Resources are highly variable or unusual, the owner or occupier thereof shall take such steps as are required by the Director, Water Resources to equalize the discharge into the wastewater system.
- (B/L 56M2009, 2009 November 2)
- (3) Such pre-treatment or flow equalization equipment shall be maintained continuously by the owner or occupier of such premises in a manner satisfactory to the Director, Water Resources.
- (B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

SEWER SERVICE CHARGE

14. (1) Except as otherwise provided in Subsection (3), the owner or occupier of premises connected to the wastewater system shall pay to the City a monthly sewer service charge to be calculated as follows:
- (B/L 56M2009, 2009 November 2)
- (a) Monthly rates or charges described in this Section are based on a thirty (30) day period. The amount billed shall be established by dividing the applicable monthly rate of charges by thirty (30) to derive a daily rate and multiplying the daily rate by the actual number of days in the billing period,
- (b) In the case of premises obtaining water solely from the City water supply, a charge as described in Section 1-3, inclusive of Schedule "B", as the case may be,
- (c) In the case of premises served in part with water from any source other than the City water supply, in addition to any charge that may be due under Subsection (b), a charge as described in Section 4 of Schedule "B".
- (2) Should premises served in part from water other than the City water supply not contain a water meter to measure the supply of water from either or both of such

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water supplied in a manner satisfactory to the Director, Water Resources, the Director, Water Resources may make an estimate of the quantity of water consumed for the purposes of the charges imposed pursuant to this Bylaw.

- (3) Where a premise is served with water from a source other than the City water supply, a City water meter shall be installed prior to such water being deposited to the wastewater system to determine the quantity of water consumed for the purposes of the charges imposed pursuant to this Bylaw.
(B/L 56M2009, 2009 November 2)
- (4) The owner or occupier of premises connected to the wastewater system of the City, but located outside the city limits, shall pay to the City the rates approved by Council for such consumer or if no such rates are approved a monthly sewer service charge calculated as follows:
(B/L 56M2009, 2009 November 2)
- (a) in the case of property obtaining water solely from the City water supply, a charge in accordance with Schedule "C",
- (b) in the case of property serviced in whole or in part with water from any source other than the City water supply, the owner will be required to have a meter installed to measure the volume of wastewater discharged and pay a monthly charge in accordance with Schedule "C'.
- (5) In addition to the charges set out elsewhere in this Bylaw, the owner or occupier of premises located within the boundaries of the City and connected to the wastewater system shall pay to the City a monthly flat rate Drainage Service Charge in accordance with Schedule "H".
(B/L 56M2009, 2009 November 2)
- (6) REPEALED BY B/L 45M2005, 2005 NOVEMBER 7
- (7) Should the information upon which any sewer utility charges prove to be in error, the Director, Water Resources may estimate sewer utility charges for the affected period and make appropriate billing.
(B/L 42M92, 1992 September 8)
(B/L 47M99, 1999 September 27)
(B/L 1M2000, 2000 January 24)
(B/L 45M2000, 2000 November 23)
(B/L 50M2000, 2000 November 23)
(B/L 38M2003, 2003 October 6)
(B/L 50M2003, 2003 November 25)
(B/L 48M2004, 2004 December 14)
(B/L 45M2005, 2005 November 7)
(B/L 15M2006, 2006 January 24)

SEWER SERVICE SURCHARGE

15. (1) When tests carried out pursuant to this Bylaw show that the wastewater from any industrial or commercial premises discharged to the wastewater system has a biochemical oxygen demand greater than three hundred milligrams per litre (300 mg/L) or chemical oxygen demand greater than 600 milligrams per litre (600 mg/L) or total suspended solids in excess of three hundred milligrams per litre

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(300 mg/L) or an oil and grease content greater than one hundred milligrams per litre (100 mg/L) then the owner or occupier shall be subject to a surcharge in addition to the sewer service charge set out in Section 14.

(B/L 56M2009, 2009 November 2)

- (2) The surcharge for sewer service shall be determined in cents per one thousand imperial gallons or cents per cubic meter and shall be calculated by the formula set out in Schedule "D".
- (3) For the purpose of establishing the surcharge on a monthly basis the rate established pursuant to Schedule "D" shall be multiplied by the number of gallons or cubic metres of the water consumed per month on the industrial or commercial premises determined on the same basis as that used for setting the sewer service charge.

(B/L 1M2000, 2000 January 24)

BILLING FOR AND PAYMENT OF SEWER SERVICE SURCHARGE

16. (1) Where a surcharge rate has been established pursuant to Section 15, it shall remain in effect for a minimum period of three months.
- (2) Where as provided in section 10 (2), the concentration of the wastewater discharged into the wastewater system is determined from a common test manhole where the wastewater is a combination of that discharged from more than one premises served by separate water meters then the surcharge rate so determined shall be applied to the utility bill of each separate premises.
(B/L 56M2009, 2009 November 2)
- (3) Where the sewer surcharge is levied the City shall show the surcharge as a separate item on the utility bill and the surcharge shall form part of and be payable to the City at the same time as the utility bill.
- (4) Notwithstanding subsection (1), when a customer experiences an abnormally high surcharge rate, the Director, Water Resources may adjust the sewer service surcharges billed conditional on the customer correcting the cause for the abnormally high surcharge rate to the satisfaction of the Director, Water Resources.
- (5) Notwithstanding subsection (1), when the Director, Water Resources has been provided with information satisfactory to the Director, Water Resources indicating a significant permanent change in effluent strength has occurred, the Director, Water Resources may order testing and the subsequent establishment of a new surcharge rate prior to the expiration of the minimum three month period referred to in subsection (1).

(B/L 1M2000, 2000 January 24)

(B/L 38M2003, 2003 October 6)

(B/L 15M2006, 2006 January 24)

SEWER SERVICE CHARGE AND SEWER SERVICE SURCHARGE EXEMPTIONS

17. Water Used Solely for Irrigation

- (1) Where a water line that is metered in a manner which is satisfactory to the Director, Water Resources is used exclusively for irrigation purposes the water supplied through such line shall be exempted from all sewer service charges and sewer surcharges.

Exemptions for Sewer Surcharge and Sewer Service Charges on Water Consumed but not Reported in the Drainage collection system

- (2) Where metered water is supplied to premises and all of such water is not deposited in the wastewater system, the water not deposited shall be exempt from sewer service charges and sewer surcharges, if the amount not deposited can be measured in a manner satisfactory to the Director, Water Resources.
(B/L 56M2009, 2009 November 2)
- (3) If the amount of metered water exempted is determined through the use of a wastewater meter the amount of wastewater flow shall be determined by dividing the metered wastewater flow by the appropriate return factor as described in Schedule "G".
- (4) REPEALED BY B/L 56M2009, 2009 NOVEMBER 2
- (5) REPEALED BY B/L 56M2009, 2009 NOVEMBER 2
- (6) Only metering equipment and methods of calculation approved by the Director, Water Resources shall be used in determining an exemption to be granted pursuant to this Section.
(B/L 1M2000, 2000 January 24)
(B/L 38M2003, 2003 October 6)
(B/L 45M2005, 2005 November 7)
(B/L 15M2006, 2006 January 24)

SEPTAGE AND HAULED WASTEWATER

18. (1) No person shall discharge hauled wastewater or septage into the wastewater system without first obtaining a Hauled Wastewater and Septage Disposal Permit from the Director, Water Resources and paying the fee and charges as set out in Schedule "E".
(B/L 56M2009, 2009 November 2)
- (2) No person shall discharge hauled wastewater or septage into the wastewater system in contravention of the permit obtained for such discharge.
(B/L 56M2009, 2009 November 2)
- (3) A permit issued pursuant to this section shall be maintained in the vehicle for which the permit was issued and shall be surrendered to any employee of the City upon request.
- (4) In addition to the permit required by subsection (1), each and every discharge to the wastewater system by a permit holder shall be accompanied by a waste

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manifest duly completed and signed by the permit holder or his representative.
Such manifest shall be in a form approved by the Director, Water Resources.

(B/L 56M2009, 2009 November 2)

- (5) The Director, Water Resources may suspend or revoke a Hauled Wastewater and Septage Disposal Permit in the event that this Bylaw is not complied with.
- (B/L 42M2001, 2001 November 22)
(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)

ACCEPTANCE OF OVERSTRENGTH WASTEWATER

19. Notwithstanding the provisions of this Bylaw, the Director, Water Resources may allow an owner or occupier of premises to discharge into the wastewater system overstrength wastewater that does not comply with this Bylaw provided that such wastewater will not damage the wastewater system and provided that the owner or occupier undertakes to pay to the City such charges as the Director, Water Resources deems necessary to cover the additional cost of treatment or such additional costs as may result from such discharge.

(B/L 38M2003, 2003 October 6)

(B/L 15M2006, 2006 January 24)

(B/L 56M2009, 2009 November 2)

AUTHORITY OF DIRECTOR

- 19.1 (1) The Director, Water Resources may delegate any or all of the powers granted to the Director, Water Resources pursuant to this Bylaw.
- (2) The Director, Water Services may delegate any or all of the powers granted to the Director, Water Services pursuant to this Bylaw.
- (B/L 56M2009, 2009 November 2)

INSPECTION

20. A designated officer of the City may inspect, observe, measure, sample and test the wastewater and stormwater on any premises in order to determine whether or not this Bylaw is being complied with.

(B/L1M2000, 2000 January 24)

DISCONNECTION OF SEWER

21. (1) Where wastewater which:
- (a) is hazardous or creates an immediate danger to any person;
- (b) endangers or interferes with the operation of the wastewater system; or
- (B/L 56M2009, 2009 November 2)
- (c) causes or is capable of causing an adverse effect;

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is discharged to the wastewater system, the Director, Water Services may, in addition to any other remedy available, disconnect, plug or seal off the sewer line discharging the unacceptable wastewater into the wastewater system or take such other action as is necessary to prevent such wastewater from entering the wastewater system.

(B/L 56M2009, 2009 November 2)

- (2) The wastewater may be prevented from being discharged into the wastewater system until evidence satisfactory to the Director, Water Services has been produced to assure that no further discharge of hazardous wastewater will be made to the wastewater system.

(B/L 56M2009, 2009 November 2)

- (3) Where the Director, Water Services takes action pursuant to subsection (1), the Director, Water Services may by notice in writing advise the owner or occupier of the premises from which the wastewater was being discharged, of the cost of taking such action and the owner or occupier, as the case may be, shall forthwith reimburse the City for all such costs which were incurred.

(B/L 1M2000, 2000 January 24)

(B/L 38M2003, 2003 October 6)

(B/L 15M2006, 2006 January 24)

SUMMARY CONVICTION

22. (1) Any person who contravenes any provision of this Bylaw is guilty of an offence and is liable on summary conviction to a fine of not less than Three Hundred Dollars (\$300.00) and not more than Ten Thousand Dollars (\$10,000.00) and in default of payment is liable to imprisonment for a term not exceeding one (1) year.
- (2) The levying and payment of any fine or the imprisonment for any period provided in this Bylaw shall not relieve a person from the necessity of paying any fees, charges or costs for which such person is liable under the provisions of this Bylaw.

PENALTIES

23. (1) Where a Bylaw Enforcement Officer or a Constable of the City believes that a person has contravened any provision of this Bylaw, he or she may commence proceedings by issuing a summons by means of a violation ticket in accordance with Part 2 of the *Provincial Offences Procedure Act*.
- (2) The specified penalty payable in respect of a contravention of a provision of this Bylaw is the amount shown in Schedule "F" of this Bylaw in respect of that provision.
- (3) Notwithstanding subsection (2):
- (a) where any person contravenes the same provisions of this Bylaw twice within one twelve month period, the specified penalty payable in respect of the second contravention is double the amount shown in Schedule "F" of this Bylaw in respect of that provision, and

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- (b) where any person contravenes the same provision of this Bylaw three or more times within one twelve month period, the specified penalty payable in respect of the third or subsequent contravention is triple the amount shown in Schedule "F" of this Bylaw in respect of that provision.

24. Schedules "A", "B", "C", "D", "E" AND "F" attached hereto shall form part of this Bylaw.
25. Bylaw Number 56M84 of the City is hereby repealed.
26. This Bylaw comes into force on the date it is passed.

READ A FIRST TIME THIS 30th DAY OF JULY, 1996.

READ A SECOND TIME, AS AMENDED, THIS 30th DAY OF JULY, 1996.

READ A THIRD TIME, AS AMENDED, THIS 30th DAY OF JULY, 1996.

(Sgd.) D. Hodges
ACTING MAYOR

(Sgd.) D. Garner
CITY CLERK

SCHEDULE "A"

The Sewer Service Bylaw

Section 8(1)

(Amended by Bylaw 38M2003, 15M2006, 56M2009)

The following shall not be discharged into the wastewater system:

(B/L 56M2009, 2009 November 2)

- (a) Waste which causes or will cause an adverse effect;
- (b) Any flammable liquid or explosive material;
- (c) A solvent or petroleum derivative including but not limited to gasoline, naphtha or fuel oil;
- (d) Any matter, other than domestic wastewater, which by itself or in combination with another substance is capable of creating odours related to but not limited to hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia outside or in and around the wastewater system.
(B/L 56M2009, 2009 November 2)
- (e) Any pesticides or herbicides;
- (f) Wastewater containing materials which by themselves or in combination with other materials become highly coloured and pass through the wastewater system discolouring the effluent;
(B/L 56M2009, 2009 November 2)
- (g) Wastewater containing the following materials in excess of the following concentrations:

Aluminium	50 milligrams per litre
Antimony	5.0 milligrams per litre
Arsenic	1.0 milligrams per litre
Benzene	0.5 milligrams per litre
Beryllium	1.0 milligrams per litre
Bismuth	5.0 milligrams per litre
Boron	5.0 milligrams per litre
BTEX	1.0 milligrams per litre
Cadmium	1.0 milligram per litre
Chromium	3.0 milligrams per litre

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Cobalt	5.0 milligrams per litre
Copper	3.0 milligrams per litre
Cyanide	3.0 milligrams per litre
Ethylbenzene	0.5 milligrams per litre
Fluoride	10.0 milligrams per litre
Hydrocarbons	50 milligrams per litre
Iron	50 milligrams per litre
Lead	1.0 milligrams per litre
Manganese	5.0 milligrams per litre
Mercury	0.01 milligrams per litre
Molybdenum	5.0 milligrams per litre
Nickel	3.0 milligrams per litre
Phenol Compounds	1.0 milligrams per litre
Selenium	1.0 milligrams per litre
Silver	5.0 milligrams per litre
Sulphate	1500 milligrams per litre
Sulphides	3.0 milligrams per litre
Tetrachloroethylene	0.7 milligrams per litre
Thallium	0.5 milligrams per litre
Tin	5.0 milligrams per litre
Titanium	5.0 milligrams per litre
Toluene	0.5 milligrams per litre
Vanadium	5.0 milligrams per litre
Xylenes (total)	0.5 milligrams per litre
Zinc	3.0 milligrams per litre

(h) Wastewater having a pH of less than 5.5 or greater than 10.0;

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- (i) Solid or viscous substances in quantities or of such size as to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animal guts or tissues, paunch manure, and whole blood;
- (j) Radioactive materials in excess of concentrations greater than that specified under the Atomic Energy Control Act and the Atomic Energy Control Regulations or amended versions thereof;
- (k) Wastewater having a temperature in excess of seventy-five degrees Celsius;
- (l) Grit removed from commercial or industrial premises including but not limited to grit removed from car washing establishments, automobile garages and restaurant sumps or from interceptors;
- (m) Any corrosive or toxic wastewater or other wastes which could adversely affect the wastewater system;
(B/L 56M2009, 2009 November 2)
- (n) Wastewater which will create tastes or odours in drinking water supplies making such waters unpalatable after conventional water purification treatment;
- (o) Wastewater which will be discharged in layers or will form layers upon interaction with other wastewater;
- (p) Wastes which will interfere with the disposal of biosolids resulting from municipal wastewater treatment;
- (q) Wastes which will cause a violation or non-compliance event in the operating approval for the wastewater treatment plants;
- (r) Biological wastes;
- (s) Storm water drainage or sub-surface drainage except
 - (i) sub-surface or foundation drainage connected to the wastewater system before 1973;
(B/L 56M2009, 2009 November 2)
 - (ii) storm water drainage or sub-surface drainage unless authorized by the Director, Water Resources pursuant to Section 6 (3);
- (t) Hazardous waste or hazardous materials.

(B/L 38M2003, 2003 October 6)
(B/L 15M2006, 2006 January 24)
(B/L 56M2009, 2009 November 2)

SCHEDULE "B"

The Sewer Service Bylaw

Sections 14 (1)(b) and (c)

(Amended by 68M2008, 60M2009)

The rates or charges described in this Schedule are shown for the years 2009, 2010, and 2011, and shall apply in the calendar year indicated (from January 1 to December 31, inclusive).

Monthly rates or charges described in this Schedule are based on a thirty (30) day period. The amount billed shall be established by dividing the applicable monthly rate or charge by thirty (30) to derive a daily rate and multiplying the daily rate by the actual number of days in the billing period.

MONTHLY SANITARY SEWER SERVICE CHARGE

- For residential flat rate customers being served with water from City water supply, the sanitary sewer service charge is calculated as a percentage of the water charge according to the following:

	2009	2010	2011
Percentage of water charge (%)	62.62	62.44	61.96

- For single or two family residential metered rate customers being served with water from City water supply, a charge equal to the service charge and the usage rate according to the following:

	2009	2010	2011
Service Charge (\$ per 30 days)	\$10.12	\$10.52	\$11.04
Usage Rate (\$ per cubic metre of water used)	\$0.6328	\$0.6575	\$0.6904

- For multi-family residential customers being served with water from City water supply, a charge equal to the service charge and the usage rate according to the following:

	2009	2010	2011
Service Charge (\$ per 30 days)	\$10.12	\$10.52	\$11.04
Usage Rate (\$ per cubic metre of water used)	\$0.6991	\$0.7264	\$0.7627

- For non-residential customers being served with water from City water supply, a charge equal to the service charge and the usage rate according to the following:

	2009	2010	2011
Service Charge (\$ per 30 days)	\$10.12	\$10.52	\$11.04
Usage Rate (\$ per cubic metre of water used)	\$0.6622	\$0.6881	\$0.7225

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5. For non-residential customers served in part with water from any other source than City: in addition to any charge under paragraph 4, a charge equal to the service charge and the usage rate according to the following table for the equivalent amount of water with which the property is served from other sources.

	2009	2010	2011
Service Charge (\$ per 30 days)	\$10.12	\$10.52	\$11.04
Usage Rate (\$ per cubic metre of water used)	\$0.6622	\$0.6881	\$0.7225

(B/L 68M2008, 2008 December 9)
(B/L 60M2009, 2009 November 23)

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SCHEDULE "C"

The Sewer Service Bylaw

Section 14(4)

(Amended by 68M2008, 60M2009)

The rates or charges described in this Schedule are shown for the years 2009, 2010, and 2011, and shall apply in the calendar year indicated (from January 1 to December 31, inclusive).

Monthly rates or charges described in this Schedule are based on a thirty (30) day period. The amount billed shall be established by dividing the applicable monthly rate or charge by thirty (30) to derive a daily rate and multiplying the daily rate by the actual number of days in the billing period.

**MONTHLY SANITARY SEWER SERVICE CHARGE
FOR CUSTOMERS OUTSIDE THE CITY LIMITS**

	2009	2010	2011
Service Charge (\$ per 30 days)	\$9.11	\$9.47	\$9.94
Usage Rate for Existing Customers – Except Cochrane (\$ per cubic metre of wastewater discharged)	\$0.6476	\$0.7155	\$0.7960
Usage Rate for Existing Customers – Cochrane (\$ per cubic metre of wastewater discharged)	\$0.6476	\$0.7390	\$0.8455

(B/L 68M2008, 2008 December 9)
(B/L/ 60M2009, 2009 November 23)

SCHEDULE "D"The Sewer Service BylawSection 15

(Amended by 68M2008, 60M2009)

The rates or charges described in this Schedule are shown for the years 2009, 2010, and 2011, and shall apply in the calendar year indicated (from January 1 to December 31, inclusive).

Monthly rates or charges described in this Schedule are based on a thirty (30) day period. The amount billed shall be established by dividing the applicable monthly rate or charge by thirty (30) to derive a daily rate and multiplying the daily rate by the actual number of days in the billing period.

MONTHLY SANITARY SEWER SERVICE SURCHARGE

The formula for determining the surcharge to be levied for **2009** is:

$R = 0.4163 B + 0.3308 S + 0.5621 G$ where "R" means rate in cents per thousand gallons, or

$R = 0.0916 B + 0.0728 S + 0.1236 G$ where "R" means rate in cents per cubic metre.

The formula for determining the surcharge to be levied for **2010** is:

$R = 0.4326 B + 0.3436 S + 0.5840 G$ where "R" means rate in cents per thousand gallons, or

$R = 0.0951 B + 0.0756 S + 0.1284 G$ where "R" means rate in cents per cubic metre.

The formula for determining the surcharge to be levied for **2011** is:

$R = 0.4542 B + 0.3608 S + 0.6132 G$ where "R" means rate in cents per thousand gallons, or

$R = 0.0999 B + 0.0794 S + 0.1348 G$ where "R" means rate in cents per cubic metre.

B means the amount in milligrams per litre by which the biochemical oxygen demand of the sewage tested exceeds three hundred milligrams per litre; S means the amount in milligrams per litre by which the suspended solids of the sewage exceeds three hundred milligrams per litre; and G means the amount expressed in milligrams per litre by which the grease content of the sewage tested exceeds one hundred milligrams per litre.

(B/L 68M2008, 2008 December 9)

(B/L 60M2009, 2009 November 23)

SCHEDULE "E"

The Sewer Service Bylaw

Section 18

(Amended by 68M2008, 56M2009, 60M2009)

The rates or charges described in this Schedule are shown for the years 2009, 2010, and 2011, and shall apply in the calendar year indicated (from January 1 to December 31, inclusive).

CHARGES FOR ACCEPTANCE OF HAULED WASTEWATER AND SEPTAGE IN THE CITY

1. Customers that have a permit to dispose of Hauled Wastewater and Septage into Public Disposal stations located at Bonnybrook Treatment Plant and Shepard Sludge Lagoon shall apply for an account allowing them to dispose hauled wastewater and septage to those depots. The customer will pay a fee of \$25 for each access card (fee refundable on return of card), in addition to a service charge and volume charge described below.

	2009	2010	2011
Service Charge (\$ per 30 days)	\$12.90	\$13.41	\$14.08
Volume Charge (\$ per cubic metre)	\$9.4288	\$9.7965	\$10.2863

2. A hauled wastewater and septage manifest shall be completed for each delivery or discharge to a City disposal site. The manifest must include:
 - 1) the permit holder's name;
 - 2) the permit number;
 - 3) the source(s) of the waste;
 - 4) the volume or quantity of waste from each source;
 - 5) the type of the waste from each source; and
 - 6) the persons consigning, hauling and releasing the waste to the wastewater collection system.

(B/L 68M2008, 2008 December 9)
 (B/L 56M2009, 2009 November 2)
 (B/L 60M2009, 2009 November 23)

SCHEDULE "F"

The Sewer Service Bylaw

Section 23
Specified Penalties

<u>OFFENCE UNDER</u>	<u>AMOUNT</u>
Section 5(1)	\$400.00
Section 5(5)	\$400.00
Section 6(1)	\$350.00
Section 6(4)	\$400.00
Section 6(5)	\$400.00
Section 8(1)	\$600.00
Section 8(2)	\$350.00
Section 12(2)(a)	\$300.00
Section 12(2)(b)	\$400.00
Section 12(3)	\$400.00
Section 18(1)	\$350.00
Section 18(2)	\$350.00
Section 18(3)	\$300.00
Section 18(4)	\$300.00

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SCHEDULE "G"

The Sewer Service Bylaw

Section 17(3)

RETURN FACTORS

Customer Class	Return Factor
Single Family Residential Metered	0.86
Multi Family Residential Metered	0.95
General Service Metered	0.90

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SCHEDULE "H"

The Sewer Service Bylaw

Section 14 (5)

(Amended by 68M2008, 60M2009)

The rates or charges described in this Schedule are shown for the years 2009, 2010, and 2011, and shall apply in the calendar year indicated (from January 1 to December 31, inclusive).

DRAINAGE SERVICE CHARGE

	2009	2010	2011
Drainage Service Charge (\$ per 30 days)	\$7.30	\$7.59	\$7.97

(B/L 68M2008, 2008 December 9)
(B/L 60M2009, 2009 November 23)

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