

Consolidation of Bylaw No. 536-2003

SEWERS BYLAW

Adopted January 27, 2003

As Amended By:

Bylaw No. 590-2005 adopted January 24, 2005
Bylaw No. 641-2006 adopted May 23, 2006
Bylaw No. 666-2007 adopted January 22, 2007
Bylaw No. 695-2007 adopted December 10, 2007
Bylaw 712-2008 adopted December 8, 2008

This Consolidation is not an Official Bylaw. It is prepared by the City Clerk's Office for assistance only. Copies of the Official Bylaw(s) may be purchased from the City Clerk's Office.

This Consolidated Bylaw was authorized pursuant to Bylaw No. 389-97.

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A BYLAW OF THE CITY OF LEDUC IN THE PROVINCE OF ALBERTA, TO REGULATE THE CITY OF LEDUC'S WASTEWATER SYSTEM AND STORMWATER SYSTEM.

WHEREAS: The *Municipal Government Act*, R.S.A. 2000, Chapter M-26, as amended, grants a Municipality the authority to establish terms, costs, or charges to provide a Municipal Utility Service;

AND WHEREAS: in accordance with the Act, Council deems it necessary to regulate the Municipal Wastewater and Storm Water Utilities;

THEREFORE: the Council of the City of Leduc in the Province of Alberta duly assembled, hereby enacts as follows:

PART I: BYLAW TITLE

That this Bylaw shall be known as the "SEWERS" Bylaw.

PART II: DEFINITIONS

1. DEFINITIONS

1.1 **Aliquot:** means a known portion of a sample.

1.2 **Biochemical Oxygen Demand [B.O.D.]:**

means the quantity of oxygen required for the biochemical degradation of organic material [carbonaceous demand] and the oxygen used to oxidize inorganic material such as sulfides and ferrous iron during a five day 20 degree celsius incubation period and may measure the oxygen used to oxidize reduced forms of nitrogen, as determined by standard methods, method # 5210 B.

1.3 **Biological Waste:**

means waste from a hospital, medical clinic, health care facility, mortuary or biological research laboratory, which contains or may contain:

(a) pathogenic agents that cannot be effectively mitigated by wastewater treatment; or

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(b) experimental biological matter that may be hazardous to human health or detrimental to the environment.

- 1.4 **Building Drain:**
means the lowest horizontal piping that conducts clear water waste, wastewater, stormwater or water to a building sewer.
- 1.5 **Building Sewer:**
means that part of a drainage system outside a building commencing at a point one meter from the outer face of the wall of the building and connecting the building drain to the main sewer and terminating at the property line or place of disposal of wastewater.
- 1.6 **Catch basin:**
means a receptacle for receiving stormwater and retaining sediment from an exterior area or surface.
- 1.7 **Chemical Oxygen Demand [C.O.D.]:**
means a measure of the oxygen equivalent of the organic matter content of a sample that is susceptible to oxidation by a strong chemical oxidant, as determined by standard methods, method # 5220.
- 1.8 **Council:** means the Council of the City of Leduc.
- 1.9 **City:** means the City of Leduc.
- 1.10 **Clear-water Waste:**
means water that does not contain wastewater or stormwater and to which no substance has been added.
- 1.11 **Composite Sample:**
means a sample composed of a number of grab samples, which have been collected over a specified period of time, usually 24 hours or the industry's operating day, and combined in proportion to the volume of wastewater discharge they represent.
- 1.12 **Director of Finance:**
means the Director of Finance for the City.
- 1.13 **Downspout:**
means a pipe that conveys water from the roof run-off collection system of a building to near the ground surface.

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- 1.14 **Drainage Extension:**
means a pipe or impermeable trough that conveys water from the lowest end of a downspout or sump pump discharge to the ground surface.
- 1.15 **Engineering Servicing Standards:**
means the City's Engineering Servicing Standards as approved by Council from time to time.
- 1.16 **Environmental Protection and Enhancement Act:**
means the *Environmental Protection and Enhancement Act*, R.S.A. 2000, C.E -12, as amended and its regulations.
- 1.17 **Fixture:** means a receptacle, appliance, apparatus or other device that discharges wastewater or clearwater waste and includes a floor drain.
- 1.18 **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 the American Society for Testing Materials (A.S.T.M.) method D93-48 for flash point by Pensky Martens closed cup tester.
- 1.19 **Foundation Drain:**
means that system of underground tile or pipe laid around the exterior of a building at the bottom of the foundation intended to intercept water in the soil.
- 1.20 **Grab Sample:**
means a sample collected at a particular time and place and may be collected either manually or by using an automatic sampling device.
- 1.21 **Hazardous Waste:**
means any hazardous substance disposed of or to be disposed of as waste as set out in the *Environmental and Protection Act*, R.S.A. 2000, C.E. - 12, and its regulations.
- 1.22 **Health Officer:**
means the Medical Officer of Health for the Regional Health Authority of the Province of Alberta.
- 1.23 **Industrial Wastewater:**
means wastewater released from institutional, commercial or industrial premises.

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- 1.24 **Inspector:** is a person authorized by the Manager to make inspections and/or take samples where required and to otherwise enforce this Bylaw.
- 1.25 **Interceptor:** means a receptacle installed to prevent oil, grease, sand and other materials from passing into the sewage system.
- 1.26 **Manager:** means the General Manager of Operations of the City, and includes his designate.
- 1.27 **Matter:** means any solid, liquid or gas.
- 1.28 **Natural Outlet:** means any outlet from a natural watercourse into another watercourse, pond, ditch or lake or other body of surface or groundwater.
- 1.29 **Occupant:** means any person who is in lawful possession thereof or who is in lawful possession or occupancy of any buildings situated thereon.
- 1.30 **Oil and Grease:** means any solvent extractable material of animal, vegetable or mineral origin, as determined by standard methods, method #5520.
- 1.31 **Overstrength Surcharge:** means the rate per cubic meter of water consumed and charged to a user/consumer who releases wastewater to the sewer that exceeds one or more constituent concentrations set out in Schedule "D".
- 1.32 **Owner:** means any person who is registered under the *Land Titles Act* R.S.A., 2000, C.L - 4 as the owner of land.
- 1.33 **Permit to Release:** means a permit issued by the City that allows an owner of a premise to release wastewater, stormwater, subsurface water or clear-water waste.
- 1.34 **Person:** means any individual, firm, company, association, society, corporation or group and the heirs, executors, administrators or legal representatives of a person.

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- 1.35 **P.H.:** means the negative logarithm of the hydrogen ion activity in an aqueous solution, or the logarithm of the reciprocal of the hydrogen ion activity.
- 1.36 **Phenols:** means the hydroxyl derivatives of benzene and its condensed nuclei, as determined by standard methods, method #5530.
- 1.37 **Private Drainage System:**
means a privately owned assembly of pipes, fittings, fixtures, traps and appurtenances that is used to convey wastewater, clear-water waste, stormwater or foundation drainage to a sewer service or a private wastewater disposal system.
- 1.38 **Private Wastewater Disposal System:**
means a privately owned system for the treatment and disposal of wastewater, and may include a septic tank with an absorption field or other approved means of disposal.
- 1.39 **Prohibited Wastes:**
means matter set out in Schedule "A" attached to this Bylaw.
- 1.40 **Restricted Wastes:**
means matter set out in Schedule "B" attached to this Bylaw when applicable to the sanitary sewer system and in Schedule "C" attached to this Bylaw when applicable to the storm sewer service or a watercourse.
- 1.41 **Roof Run-off Collection System:**
means that system of drainage of building roofs, which directs stormwater or snow - meltwater to a downspout.
- 1.42 **Safety Codes Act:**
means the *Safety Codes Act*, R.S.A. 2000, C.S - 1, as amended and its regulations, or if the *Safety Codes Act* is repealed, the legislation which replaces the *Safety Codes Act*.
- 1.43 **Sanitary Sewer:**
means a sewer that carries wastewater and to which storm, surface and groundwaters are not intentionally admitted.
- 1.44 **Seasonal Sump Pump Sewer Service:**
means an approved temporary connection between the sump pump discharge line into the sanitary sewer service line.
- 1.45 **Sewer:** means a pipe or conduit for carrying stormwater, clear-water waste or wastewater.

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- 1.46 **Sewer Service:**
means the City owned pipe that connects the public sewer to a private drainage system.
- 1.47 **Sewage System:**
means a sewer or system of sewers or any plant, structures, equipment, pipes, appurtenance or any other things for or incidental to the sanitary or storm sewer collection, treatment or disposal of wastewater.
- 1.48 **Sharps:** means hypodermic needles, hypodermic syringes, blades, broken glass and any devices, instruments or other objects, which have acute rigid corners, edges or protuberances.
- 1.49 **Standard Methods:**
means the latest edition of "Standard Methods of the Examination of Water and Wastewater" prepared and published jointly by the American Public Health Association, Washington, DC, and the Water Pollution Federation, as amended from time to time.
- 1.50 **Storm Sewer:**
means a sewer that is installed for the collection and transmission of stormwater and sub-surface water and clear-water wastes.
- 1.51 **Storm Sewer Service:**
means that part of a storm sewer extending from the storm sewer to the outer line of any public right-of-way.
- 1.52 **Stormwater:**
means surface run-off water that is the result of natural precipitation.
- 1.53 **Sump Pump Discharge:**
means a system, including sump, sump pump and related piping used to convey water collected by a foundation drain.
- 1.54 **Suspended Solids:**
means the portion of total solids retained by a filter as determined by standard methods, method #2540 D.
- 1.55 **True Colour Units:**
means the measure of the colour of the water from which turbidity has been removed.

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- 1.56 **Total Kjeldahl Nitrogen (TKN):**
means organically bound nitrogen plus ammonia nitrogen as determined by using a standard procedure.
- 1.57 **Utility Bill:**
means a City Utility service bill which sets out the fees, rates and charges levied by the City on a monthly basis for use of the sewer service by a consumer.
- 1.58 **Wastewater:**
means the composite of water and water carried wastes from residential, commercial, industrial or institutional premises or any other source.
- 1.59 **Wastewater Treatment Facility:**
means any structure or thing used for the physical, chemical, biological or radiological treatment of wastewater, and includes sludge treatment, storage and disposal sites.
- 1.60 **Watercourse:**
means: (a) the bed and shore of a river, stream, lake, creek, lagoon, swamp, marsh or other natural body of water; or

(b) a canal, ditch, reservoir or other man-made surface feature whether it contains or conveys water continuously or intermittently.

PART III: APPLICATION

2.0 AUTHORITY

- 2.1 Except as otherwise provided in this Bylaw and subject to the *Environmental Protection and Enhancement Act*, no person shall discharge wastewater into any watercourse.
- 2.2 The provisions of this Bylaw shall apply to all persons using the City's sewage system, regardless of whether any person using this system has a contract for sewer service in the City.
- 2.3 The Manager is hereby authorized to administer and enforce the provisions of this Bylaw. Notwithstanding the foregoing, the Director of Finance may make

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- binding contracts with customers for sewer service and may levy charges and fines in accordance with this Bylaw.
- 2.4 The Manager shall have the discretion to discontinue access to sanitary sewer or storm sewer from a property:
- 2.4.1 where the property is or appears to be abandoned;
 - 2.4.2 where there is a non-compliance of this Bylaw at the property; or
 - 2.4.3 in emergency situations or where necessary to protect the integrity of the sanitary sewer or storm sewer.
- 2.5 Any owner of property connected or required to be connected to the sewage system shall, upon request of the Manager, provide such information as to the type, quantity and chemical composition of restricted and prohibited wastes which are or may be handled, stored or used on that property, or discharged into the sewage system.
- 2.6 An Inspector shall be permitted immediate access upon all property in the City for the purpose of inspection, measurement, sampling and testing in accordance with this Bylaw.
- 2.6.1 If such inspection discloses any act or omission contrary to the provisions of this Bylaw or the inspection discloses any defect or insufficiency in the location, construction, design or maintenance of any equipment in connection with the wastewater discharge, an Inspector may direct the owner of the premises to correct the act or omission or any defect or insufficiency.
 - 2.6.2 No person shall obstruct or interfere with an Inspector in the discharge of his duties under this Bylaw.

3.0 SEWER SERVICE

- 3.1 No person shall uncover, make any connections with or opening into, use, alter or disturb any public sewer or appurtenances thereof without prior written authorization from the Manager.
- 3.2 No person shall connect private sewer lines to sanitary or storm sewers without written approval from Manager.
- 3.3 In the event that any sewer service or private sewer system is abandoned, the owner, at his expense, shall effectively cap the sewer at a suitable location within his property in order to prevent wastewater and stormwater

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- from backing up into the soil and to prevent soil or dirt from being washed into the sewer.
- 3.4 Where required by the Manager, the owner of property serviced by a sewer, shall install a suitable sampling manhole in the sewer service for determining the wastewater quality, temperature, rate of flow and other measurements. Such manhole shall be:
- 3.4.1 Located and constructed in accordance with the plans approved by an Inspector in accordance with the Engineering Servicing Standards; and
- 3.4.2 Installed and maintained at all times by the owner at his own expense.

4.0 WASTEWATER FACILITIES ON PRIVATE PROPERTY

- 4.1 The owner of property used for residential, commercial, or industrial purposes, where the property is abutting a street, lane, or right of way in which there is a Municipal sanitary sewer available, all sewage shall be discharged to the Municipal system. All costs to connect to the Municipal system shall be the responsibility of the property owner, whether on Municipal or private property.
- 4.1.1 Where a public sanitary sewer is not available, the owner of the property described in section 4.1 shall connect the building sewer to a private wastewater disposal system which shall comply with the provisions of this Bylaw, the *Safety Codes Act*, and all relevant Federal, Provincial and Municipal legislation.
- 4.1.2 The owner of any existing building, erection or structure situated within the City and abutting on any street, lane or right-of-way in which a storm sewer service is constructed and for which a storm sewer service is provided shall discharge to the foundation drain of the building, erection or structure to the storm sewer service within sixty (60) days of the Manager notifying the owner to do so. Where a storm sewer service is provided prior to construction of a building, erection or structure the owner shall discharge to the foundation drain of the building, erection or structure to the storm sewer service at the time of construction.
- 4.2 At such time as a public sewer becomes available to the property served by a private wastewater disposal system, the provisions of Section 4.1 shall then apply to the property and a direct connection shall be made to the public sewer and any septic tanks, cesspools or similar private wastewater

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- disposal system shall be abandoned and filled with material approved by the Manager.
- 4.3 All building downspouts and sump pump discharges shall have a drainage extension securely fastened or placed to direct drainage from a roof run-off collection system or foundation drain toward a street, lane or right-of-way. The sump pump discharge shall be installed by the owner in such a manner as to comply with all City Bylaws and Policies and other applicable regulatory authorities and without causing excessive ponding or icing on public or private property. The owner shall be solely responsible for ensuring the sump pump discharge is properly designed, installed and operated. Exceptions may be granted as deemed necessary by the Manager.
- 4.4 Any sewer service on private property shall be constructed by the owner at his expense in conformity with this Bylaw and the *Safety Codes Act*.
- 4.5 Permits for building sewers on private property shall be obtained from the City's Planning & Development Department and applications for such permits shall be made on approved forms furnished by the City. Permit applications shall be supplemented by any plans, specifications or other information considered necessary by the City's Planning & Development Department.
- 4.6 The owner shall, at his own expense, maintain the building sewer from his property line to the building.
- 4.7 The owner shall, at his own expense, operate and maintain his private wastewater disposal system in a sanitary condition as determined by the Health Officer.
- 4.8 Grease, oil and sand Interceptors shall be provided on private property by the owner for all garages, gasoline service stations and vehicle and equipment washing establishments.
- 4.8.1 Interceptors will be required for other types of business if the Manager determines they are necessary for the proper handling of liquid waste.
- 4.8.2 All interceptors shall meet the requirements of the *Safety Codes Act* and be:
- (a) of a type and capacity approved by the Manager;
 - (b) located to be readily and easily accessible for cleaning and inspection; and

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(c) maintained by the owner at his expense.

- 4.9 Catchbasins on private property shall be maintained by the owner at his sole cost and expense.
- 4.10 Notwithstanding the fact that other City Bylaws and Policies prohibit the discharge of weeping tile water into the sanitary sewer, the Manager may approve a seasonal sump pump sewer service for the period of November 1 through to April 30 in each year.
- 4.11 The costs relating to the construction of a seasonal sump pump sewer service will be borne by the owner.

5.0 WASTEWATER STRENGTH LIMITS

- 5.1 No Person shall discharge or cause or permit to be discharged into the storm sewer system or to a natural watercourse any matter:
 - 5.1.1 which, if discharged, would contravene or result in the contravention of Federal, Provincial or Municipal legislation;
 - 5.1.2 which, if discharged, would result in the sewage system contravening Federal, Provincial or Municipal legislation; or
 - 5.1.3 the discharge of which may interfere with the proper operation of the sewage system, may impair or interfere with any treatment process or may become a hazard to persons, property, animals, or the environment;
 - 5.1.4 which contains a prohibited waste set out in Schedule "A" attached to and forming part of this Bylaw;
 - 5.1.5 which contains a restricted waste set out in Schedule "C" attached to and forming part of this Bylaw;
 - 5.1.6 listed as a priority pollutant in the *Canada Environment Contaminants Act*.
- 5.2 No person shall discharge or cause to be discharged or have a connection that would allow the discharge of any sub-surface drainage, surface water, or unpolluted clear-water waste to any sanitary sewer. The Manager may, at his discretion, on application authorize such discharge where under terms and conditions he deems appropriate.

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- 5.3 No person shall discharge or cause or permit to be discharged into any sanitary sewage system any matter:
- 5.3.1 which, if discharged, would contravene or result in the contravention of Federal, Provincial or Municipal legislation;
 - 5.3.2 the discharge of which may interfere with the proper operation of the sewage system, may impair or interfere with any treatment process or may become a hazard to persons, property, animals or the environment;
 - 5.3.3 containing one or more prohibited wastes set out in Schedule "A" attached to and forming part of this Bylaw;
 - 5.3.4 containing one or more restricted wastes as set out in Schedule "B" attached to and forming part of this Bylaw;
 - 5.3.5 which may restrict the beneficial use of sludge from a wastewater treatment facility.
- 5.4 A person may discharge or allow to be discharged clear-water waste or wastewater into a sewer within or entering the City and that contains matter exceeding any of the concentrations as set out on Schedule "D" of this Bylaw only if the person receives prior approval by the City and pays an overstrength surcharge as set out in the Fees & Charges Bylaw. **Amended – Bylaw 712-2008 adopted December 8, 2008.**
- 5.5 If, in the Manager's opinion, there is evidence that oversized solids are entering the City's sewer system from any sewer connection, then the City may install a screen between the connection and the City's sewer system at the owner's expense.
- 5.5.1 The screen will have a minimum size of 20mm square openings and shall be removable, but locked in place with a key in the possession of the Manager.
 - 5.5.2 It shall be the responsibility of the person contributing waste through that connection to remove any solids collected on the screen and dispose of these solids in an approved manner. The City will not be responsible in any way for any disruption of service that may occur due to blockage of the screen by solids.
- 5.6 No person shall place or deposit or permit to be deposited in any manner that is unsanitary in the opinion of the Health Officer upon public or private property within the City or in any area under the jurisdiction of the City, any

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human or animal excrement, or from the preparation, cooking and dispensing of food.

5.7 Subject to other provincial and federal laws, no person shall discharge to any natural outlet within the City or any area under the jurisdiction of the City, any sanitary wastewater, industrial wastewater or other polluted water except where pretreatment has been approved in accordance with the provisions of this Bylaw and the concentrations of pollutants has been reduced to or below the levels indicated in Schedule "C" of this Bylaw.

5.8 Any person who releases or permits the release of any matter not allowed in this section, immediately after becoming aware of the release shall notify:

5.8.1 the Manager by calling the Operations Department of the City and providing the following information:

- (a) name of the company where the release occurred;
- (b) location of the release;
- (c) name of person reporting the release and telephone number where that person can be reached;
- (d) time of the release;
- (e) type of material released and any known associated hazards;
- (f) volume of the material released; and
- (g) corrective action being taken, or anticipated to be taken, to control the release.

5.8.2 the owner or occupant of the premises, and

5.8.3 any other person whom the person reporting knows or ought to know may be directly affected by the release.

5.9 A permit to release may be issued by the Manager upon receipt of a written application made in accordance with the requirements of other Federal, Provincial or Regulating bodies.

6.0 SAMPLING AND PRETREATMENT

6.1 Where the person using the sewer system must provide pretreatment of wastewater, clear-water waste or stormwater to bring it within the limits established in this Bylaw, the pretreatment facility:

6.1.1 shall be provided at their sole cost and expense; and

6.1.2 shall be maintained continuously in satisfactory and effective operation by the owner or occupant at his expense.

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6.2 All measurements, tests and analysis of the characteristics of industrial waste, wastewater or water to which reference is made in this Bylaw shall be determined in accordance with:

6.2.1 Standard Methods;

6.2.2 Methods Manual for Chemical Analysis of Water and Wastes, Alberta Environment Environmental Protection Services, Pollution Control Division, Pollution Control Laboratory;

6.2.3 Annual book of A.S.T.M. Standards - American Society for Testing and Materials; and

6.2.4 Other methods consistent with, or promulgated in, the professional literature.

The measurements, tests and analysis shall be determined from Aliquots of samples collected from the sampling manhole or other sampling points approved by the Manager.

6.3 No statement in this Bylaw shall be construed as preventing any special agreement or arrangement between the City and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment subject to payment thereof by the industrial concern.

6.4 Sampling shall be conducted and decisions regarding sampling will be made by the Inspector. The procedure for taking individual and composite samples for the purpose of determining overstrength surcharges and conducting tests is outlined below:

6.4.1 Monitoring to determine overstrength concentrations may be performed on one or more grab samples obtained at anytime from an approved sampling point.

6.4.2 Monitoring to determine wastewater overstrength surcharge assessment shall be performed on daily composite samples obtained from approved sampling points and combined using a method identified below.

The following is the standard procedure for this sampling:

(a) Grab samples of approximately equal volumes will be taken at random time intervals during the customer's operating day or over a 24 hour period.

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- (b) The City's water meter or the industry's effluent flow meter will be read when they are readily accessible and the reading recorded each time a grab sample is collected.
- (c) Where the meter is not readily accessible, the sampler may observe the flow in the sewer being sampled and estimate the rate of flow.
- (d) The series of grab samples collected will be combined into a composite sample for analysis. The grab samples may be combined in proportion to the volume of water used or discharged during the sampling period, in proportion to the estimated flow, or where neither the actual nor the estimated flow is available, the grab samples may be combined on an equal volume basis. Any combination of the above may be used in the appropriate circumstances.

7.0 SEWER RATES, OPENING AND CLOSING OF ACCOUNTS

- 7.1 Those persons desiring sewer service must apply to the City Finance Department and an account must be opened before sewer service is provided.
 - 7.1.1 Applications for domestic accounts will be received in person, by telephone or in writing.
 - 7.1.2 Applications for commercial and/or industrial consumers will be received in person or by letter.
- 7.2 All sewer consumers shall be obliged to pay the fees, rates and charges levied on all lands served by or connected to the sewage system of the City (hereinafter referred as the "Sewer Service Charges"), which are set out in the Fees & Charges Bylaw. **Amended – Bylaw 712-2008 adopted December 8, 2008.**
- 7.3 All Sewer Service Charges are due and payable when rendered by the City and payments will be made at the address indicated on the Utility Bill.
- 7.4 In the event a utility bill remains unpaid after a date fixed for payment, there shall be added by way of penalty an amount set out in the Fees & Charges Bylaw. **Amended – Bylaw 712-2008 adopted December 8, 2008.**
- 7.5 In the event that the utility bill remains unpaid for a period of sixty (60) days after the date of mailing of the account, the City may cause a written notice to be served by way of prepaid registered mail on the consumer at his last known address advising that unless the account is paid in full within

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- ten (10) days from the date of mailing the said notice, the City will proceed with collection measures as provided in Section 7.6.2 of this Bylaw.
- 7.6 Utility bills remaining unpaid under this Bylaw will constitute a debt owing to the City and is recoverable by any or all of the following methods, namely:
- 7.6.1 by action in any Court of competent jurisdiction;
- 7.6.2 by adding unpaid charges for utility services to the tax roll when the occupant is the owner or purchaser of the parcel of land, or when the agreement to provide a utility service is entered into with a non-occupant owner.
- 7.7 Where the concentration of the wastewater discharged into a City sewer is determined from a common sampling manhole and where the wastewater is a combination of that discharged from several commercial and industrial premises served by separate water meters, then the overstrength surcharge rate so determined shall be applied to the utility bill of each separate premises.
- 7.8 To determine or adjust the rate and amount to be charged to industries every month for overstrength wastewater, the City shall charge a rate based on the average strength of wastewater. The sampling shall be done at the City's discretion.
- 7.9 Closing of Account:
- 7.9.1 Consumers wishing to close their accounts must request a turn off order at least two working days before the order is to become effective.
- 7.9.2 The City may continue to levy charges in accordance with the rates and charges established by Council until an account is closed.

PART IV: PENALTIES

8.0 PENALTIES

- 8.1 If the Owner of a building, for which a sewer connection has been required pursuant to Section 4.1 of this Bylaw, neglects or refuses to comply with the notice within sixty (60) days of receipt thereof, the City may make or repair or cause to be made or repaired the said connection at the expense of the said owner.

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- 8.2 Unless otherwise specifically provided:
- 8.2.1 any person who contravenes any provision of this Bylaw is guilty of an offence and is liable under the *Provincial Offences Procedures Act* R.S.A, 2000, C.P - 34 to a fine not exceeding \$2,500.00 exclusive of costs.
 - 8.2.2 any person charged with an offence under this Bylaw may, in lieu of prosecution pay a voluntary fine identified in Schedule "F" within 30 days of date of issue of the offence ticket.
- 8.3 All persons who by themselves, their servants or agents, by act, default, neglect or omission, occasion any loss, damage or injury to the sewage system are liable to the City for or in respect thereof.
- 8.4 The expense incidental to the laying, connecting, disconnecting or repairing as herein provided of service pipes or sewers when the work is done by the City on private property, is payable by the owner on demand by the City.
- 8.5 Any person not complying with this Bylaw shall be responsible for all fines, penalties, and costs resulting from that act. The costs imposed on the owner referred to in this section also include fines imposed upon the City by the Federal or Provincial Government as a result of the said owner's non-compliance with this Bylaw.
- 8.6 Where the owner of land with a sewer connected to the sewage system allowed more than one person, either by lease or by other arrangement, to use the land or a portion thereof, and there is discharge to the sewer system of substances prohibited by this Bylaw, the owner, whether or not one or more of the persons occupying the land is prosecuted in respect thereof, is guilty of an offence and is liable to be prosecuted thereof.
- 8.7 Nothing in this Bylaw relieves any persons from complying with any provision of Federal or Provincial Legislation or any other Bylaw of the City.

9.0 ENFORCEMENT

- 9.1 The City is not required to enforce this Bylaw. In deciding whether to enforce this Bylaw the City may take into account any practical concerns regarding enforcement including the funds available under the Municipal budget and available personnel resources.

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10.0 SEVERABILITY

- 10.1 If at any time any provision of this Bylaw is declared or held to be illegal, invalid or ultra vires, in whole or in part, then that provision shall not apply and the remainder of this Bylaw shall continue in full force and effect and shall be construed as if it had been enacted without the illegal, invalid or ultra vires provision.

PART V: REPEAL

11.0 REPEAL

- 11.1 Bylaw#1237-77 and all subsequent amendments thereof are hereby repealed.

PART VI: ENACTMENT

This Bylaw shall come into force and effect when it receives Third Reading and is duly signed.

First Reading date:	January 27, 2003
Second Reading date:	January 27, 2003
Third Reading date:	January 27, 2003
Date Signed:	January 29, 2003

"original signed"

George Rogers
MAYOR

"original signed"

Coral Callioux
CITY CLERK

January 29, 2003

Date Signed

**Consolidation
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SEWERS BYLAW**

Schedule A

PROHIBITED WASTES

The following are designated as prohibited wastes:

1. Any matter in a concentration that may cause a hazard to human health;
2. Any flammable liquid or explosive matter which, by itself or in combination with any other substances, is capable of causing or contributing to an explosion or supporting combustion;
3. Any matter which by itself or in combination with another substance is capable of obstructing the flow of or interfering with the operation or performance of the sewer system or wastewater treatment facility including, but not limited to:
 - (a) agricultural wastes;
 - (b) animals, including fish and fowl or portions thereof that will pass a 2 centimeter screen;
 - (c) ashes;
 - (d) asphalt;
 - (e) cement based products;
 - (f) gardening wastes;
 - (g) glass;
 - (h) gravel, into the sanitary sewer system;
 - (i) metal;
 - (j) paper and cardboard, into the storm sewer system;
 - (k) plastics;
 - (l) rags and cloth;
 - (m) rock;
 - (n) sand, into the sanitary sewer system;
 - (o) sharps;
 - (p) soil;
 - (q) straw;
 - (r) tar;
 - (s) wash water from washing equipment used in the mixing and delivery of cement based products;
 - (t) wood and sawdust or shavings from wood.
4. Any matter with corrosive properties which, by itself or in combination with another substance, may cause damage to any sewer system or wastewater treatment facility;

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5. Any matter, other than domestic wastewater, which by itself or in combination with another substance is capable of creating an air pollution problem outside a sewer system or in and around a wastewater treatment facility;
 6. Any matter which, by itself or in combination with another substance, is capable of preventing safe entry into a sewer system or wastewater treatment facility;
 7. Any matter:
 - (a) consisting of 2 or more separate liquid layers; and
 - (b) which when it comes in contact with storm water, clear-water waste or wastewater is capable of forming a separate liquid layer;
 8. Any matter which by itself or in combination with another substance is detrimental to the operation or performance of the sewer system, watercourse, wastewater treatment plant or to the environment, including, but not limited to:
 - (a) biological waste;
 - (b) elemental mercury;
 - (c) paint, stains and coatings, including oil and water based;
 - (d) prescription drugs; and
 - (e) used automotive and machine oils and lubricants.
 9. Radioactive material in solid form;
 10. Effluent from an industrial garbage grinder;
 11. Any matter which may:
 - (a) cause a hazard to human health and that cannot be effectively mitigated by wastewater treatment;
 - (b) cause a hazard to the environment;
 - (c) cause a hazard to City workers responsible for operating and maintaining the sewer system or a wastewater treatment facility;
 - (d) cause an adverse effect to the sewer system;
 - (e) cause an adverse effect to a wastewater treatment facility;
 - (f) restrict the beneficial use of biosolids from a wastewater treatment facility.
 12. Wastewater, stormwater, clear-water waste or matter:
 - (a) having a temperature greater than 75 degrees celsius; and/or
 - (b) having a pH less than 6.0 or greater than 10.5;

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13. Wastewater, stormwater, clear-water waste or subsurface water or other matter resulting from site remedial activities unless a permit to release has been issued;
 14. Water from a swimming pool having a volume of 100 cubic meters or more, without first having received approval from the Manager.

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SCHEDULE "B"

RESTRICTED WASTES APPLICABLE TO SANITARY SEWERS

The following are designated as restricted wastes when present in wastewater, storm water, subsurface water or clear-water waste being released to the sanitary sewer system at a concentration in excess of the levels set out below, with concentrations being expressed as total concentrations unless specified otherwise:

1. (a) **CONTAMINANTS**

(i)	Biochemical Oxygen Demand (B.O.D.)	10,000 mg/L
(ii)	Chemical Oxygen Demand (C.O.D.)	20,000 mg/L
(iii)	Oil and Grease	800 mg/L
(iv)	Phosphorus (P)	200mg/L
(v)	Suspended Solids	5,000 mg/L
(vi)	Total Kjeldahl Nitrogen (T.K.N.)	500 mg/L

(b) **INORGANIC CONSTITUENTS**

(i)	pH (Hydrogen ion) less than 6.0 or greater than 11.5	
(ii)	Arsenic (As)	1.0 mg/L
(iii)	Cadmium (Cd)	0.10 mg/L
(iv)	Chlorine (free) (Cl ₂)	5.0 mg/L
(v)	Chromium (Hexavalent) (Cr ⁺⁶)	2.0 mg/L
(vi)	Chromium (total) (Cr)	4.0 mg/L
(vii)	Cobalt (Co)	5.0 mg/L
(viii)	Copper (Cu)	1.0 mg/L
(ix)	Cyanide (Cn)	2.0 mg/L
(x)	Lead (Pb)	1.0 mg/L
(xi)	Mercury (Hg)	0.10 mg/L
(xii)	Molybdenum (Mo)	5.0 mg/L
(xiii)	Nickel (N)	4.0 mg/L
(xiv)	Silver (Ag)	5.0 mg/L
(xv)	Sulphide (S ⁼)	3.0 mg/L
(xvi)	Thallium (Tl)	1.0 mg/L
(xvii)	Zinc (Zn)	2.0 mg/L

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ORGANIC COMPOUNDS

- (i) B.E.X.T. (benzene, ethyl benzene, toluene, xylene).....1.0 mg/L
 - (ii) Carbon tetrachloride0.20 mg/L
 - (iii) Chloroform.....0.20 mg/L
 - (iv) Hydrocarbons.....50 mg/L
 - (v) Pentachlorophenols0.20 mg/L
 - (vi) Phenols1.0 mg/L
2. Dyes or colouring material which produce a colour value greater than or equal to 500 true colour units, except where the dye is used by the County as a tracer;
3. Radioactive materials in concentrations greater than allowed under the *Atomic Energy Control Act* and the *Atomic Energy Control Regulation* as amended from time to time;
4. Wastewater, stormwater, clear-water waste or matter:
- (a) having a temperature greater than 75 degrees celsius;
 - (b) having a pH less than 6.0 or greater than 10.5.

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Schedule "C"

**RESTRICTED WASTES APPLICABLE TO
STORM SEWERS AND WATERCOURSES**

The following are designated as restricted wastes when present in storm water, subsurface water or clear-water waste being released to the storm sewer system or a watercourse at a concentration in excess of the levels set out below, with concentrations being expressed as total concentrations unless specified otherwise:

1. (a) **CONTAMINANTS**

(i)	Biochemical Oxygen Demand (B.O.D.)	20 mg/L
(ii)	Chemical Oxygen Demand (C.O.D.)	60 mg/L
(iii)	Oil and Grease	15 mg/L
(iv)	Suspended Solids	20 mg/L
(v)	Fecal coliforms	100 C.F.U./100 ml

(b) **INORGANIC CONSTITUENTS**

(i)	Arsenic	0.50 mg/L
(ii)	Cadmium	0.013mg/L
(iii)	Chlorine (free chlorine)	0.20 mg/L
(iv)	Chromium	0.020 mg/L
(v)	Copper	0.030 mg/L
(vi)	Cyanide	0.050 mg/L
(vii)	Fluoride	1.5 mg/L
(viii)	Lead	0.040 mg/L
(ix)	Mercury	0.001 mg/L
(x)	Phosphorous	0.50 mg/L
(xi)	Selenium	0.010 mg/L
(xii)	Silver	0.001 mg/L
(xiii)	Thallium	0.010 mg/L
(xiv)	Zinc	0.30 mg/L

(c) **ORGANIC COMPOUNDS**

(i)	B.E.T.X. (benzene, ethyl benzene, toluene, xylene)	0.020mg/L
(ii)	Carbon tetrachloride	0.020 mg/L
(iii)	Chloroform	0.020 mg/L
(iv)	Phenols	0.010 mg/L

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2. Dye or colouring material which produces a colour value greater than or equal to 50 true colour units, or that causes discolouration of the dye containing water so that the colour cannot be determined by the visual comparison method, except where the dye is used by the County as a tracer.
3. Radioactive material in concentrations greater than allowed under the *Atomic Energy Control Act* and the Atomic Energy Control Regulations as amended from time to time.
4. Foam or any matter which, by itself or in combination with another substance, is capable of producing foam that will persist for five minutes or more.
5. Wastewater, stormwater, clear-water waste or matter:
 - (a) having a temperature greater than 75 degrees celsius; and/or
 - (b) having a pH less than 6.0 or greater than 10.5.

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Schedule "D"

OVERSTRENGTH SURCHARGEABLE MATTER

<u>MATTER</u>	<u>SURCHARGEABLE ABOVE</u>
B.O.D.	300 mg/l
C.O.D.	600 mg/l
Suspended Solids	300 mg/l
Oils and Grease	100 mg/l
Total Kjeldahl Nitrogen	50 mg/l
Phosphorous	10 mg/l

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Schedule "E"

Repealed – Bylaw 712-2008 adopted December 8, 2008.

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Schedule "F"

VOLUNTARY FINES

Description of Offence	Bylaw Section	Voluntary Payment in Lieu of Prosecution
Connection of foundation drain to the storm sewer system	4.1.2	\$500.00
Install and maintain building sump pump and downspouts	4.3	\$100.00
Discharge matter into storm sewer or natural water course	5.1	\$2,000.00
Discharge sub service drainage surface water, or unpolluted clear water waste into any sanitary sewer	5.2	\$500.00
Discharge matter into the sanitary sewage system	5.3	\$2,000.00
Not notifying the Manager of a release	5.8	\$1,000.00