

THE DISTRICT OF HUDSON'S HOPE

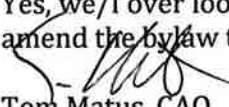
REPORT TO: Mayor and Council
SUBJECT: Sewer Service Regulations Bylaw No. 845, 2014
DATE: October 6, 2014
FROM: Laurel Grimm, Deputy Clerk

RECOMMENDATION:

That: *"Sewer Service Regulations Bylaw No. 845, 2014 be given first, second and third readings this 14th day of October, 2014."*

ADMINISTRATOR COMMENTS:

Yes, we/I over looked the bylaw # that we were repealing; I caught this the other day so we need to amend the bylaw to repeal the proper bylaw or it would still be in effect.


Tom Matus, CAO

BACKGROUND/ RATIONALE:

Staff reviewed the Sewer Services Bylaw No. 841, 2014 that was adopted on September 15, 2014 and found some inconsistencies including:

1. The incorrect repeal of Bylaw No 763, 2008. This bylaw is actually the "District of Hudson's Hope Board of Variance Bylaw". It should have read "Bylaw No. 757, 2008 Sanitary Sewer Regulation Bylaw".
2. The footings on each page read "Water Service Regulations"

In order to avoid confusion and to illuminate the need to consolidate the bylaw we are suggesting that Council repeal the Sewer Services Bylaw No. 841, 2014 and give first three readings to Bylaw 845, 2014 which has the corrected bylaw repeal and footing notes.

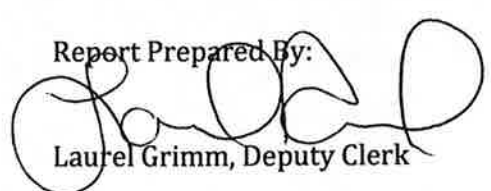
No other changes have been made to this bylaw.

OTHER CONSIDERATIONS:

Copies of the following are attached for reference:

- Sanitary Sewer Regulations Bylaw No. 757, 2008

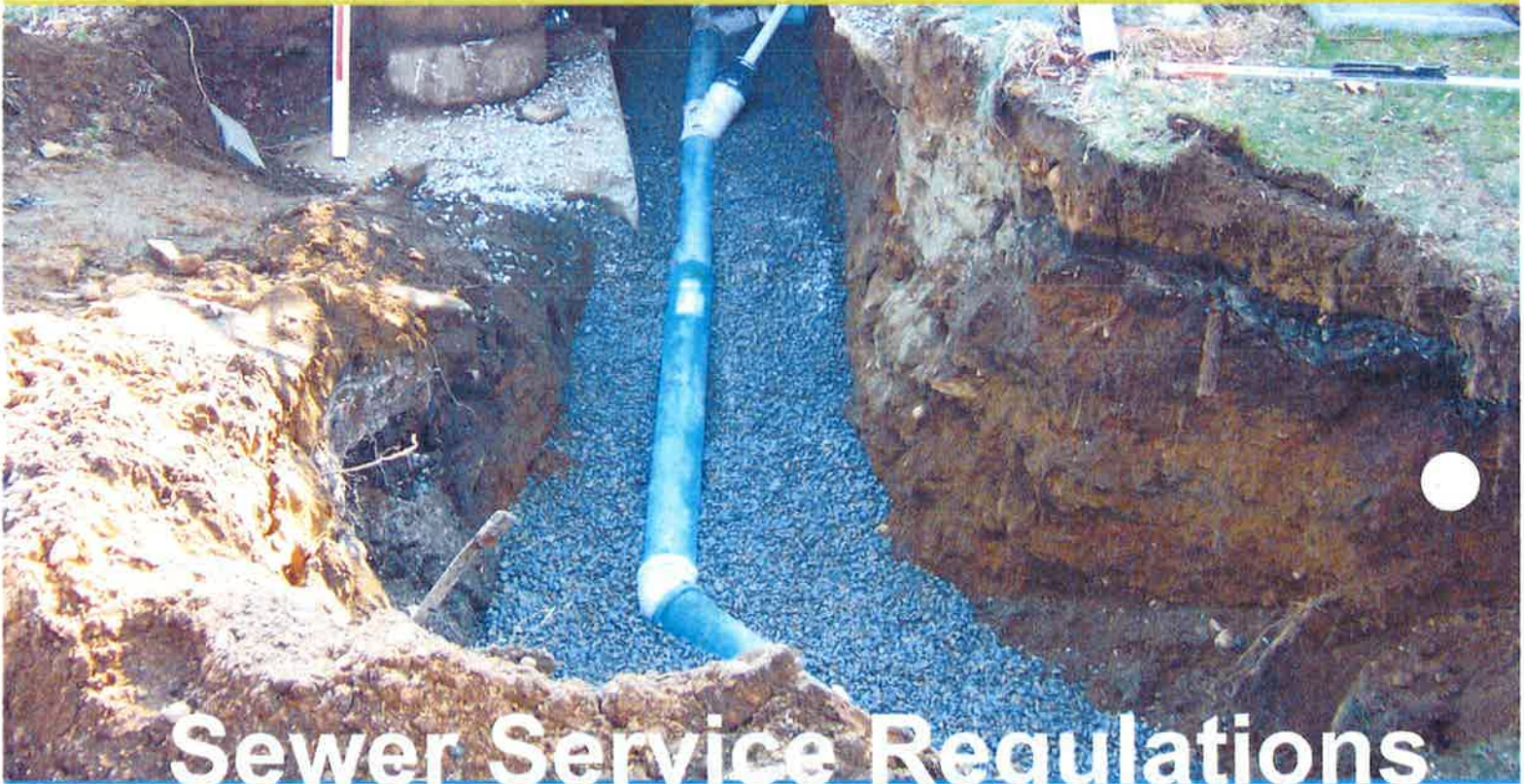
Report Prepared By:


Laurel Grimm, Deputy Clerk



HUDSON'S
HOPE

PLAYGROUND OF THE PEACE



Sewer Service Regulations

Bylaw No. 845, 2014

WHEREAS pursuant to the *Community Charter*, the *District* may operate and regulate a sewer system as a municipal service;

NOW THEREFORE the *Council* of the *District* of Hudson's Hope, in open meeting assembled hereby enacts as follows:

- .1 This bylaw shall be cited as the "Sewer Service Regulations Bylaw No. 845, 2014"
- .2 The following schedules attached hereto form part of this Bylaw:
 - .1 Schedule A (Sewer Service Regulations)
 - .2 Schedule B (Penalties)
 - .3 Schedule C (Municipal Ticket Information Offences)
 - .4 Schedule D (Designated Bylaw Enforcement Officers)
 - .5 Schedule E (Service Application Form)
 - .6 Schedule C (Prohibited Wastes)
 - .7 Schedule D (Restricted Wastes)
- .3 If any section, subsection, sentence, clause or phrase of this Bylaw is for any reason held to be invalid by the decision of any court of competent jurisdiction, the invalid portion shall be served and the decision that it is invalid shall not affect the validity of the remainder of this Bylaw.
- .4 Sewer Service Regulation Bylaw No. 841, 2014, is hereby repealed and replaced with this Bylaw.
- .5 Sewer Service Regulation Bylaw No. 757, 2008, and all amendments thereto are hereby repealed and replaced with this Bylaw.

Read a first time this	_____ day of __, 2014
Read a second time this	_____ day of __, 2014
Read a third time this	_____ day of __, 2014
Adopted this	_____ day of __, 2014

X

Mayor

X

CAO

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Schedule B – Penalties

Schedule C – Municipal Ticket Information Offences

Schedule D – Designated Bylaw Enforcement Officers

Schedule E – Service Application Form

Schedule F – Prohibited Wastes

Schedule G – Restricted Wastes

SCHEDULE A

Sewer Service Regulations

1.0 DEFINITIONS

In this bylaw, all words or phrases shall have their normal or common meaning except where this is changed, modified or expanded by the definitions set forth below:

BIOCHEMICAL OXYGEN DEMAND or “**BOD**” means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures in 5 days at 20 degrees Centigrade, expressed in milligrams per litre, as determined by the appropriate procedure in standard methods.

COMMUNITY SEWER SYSTEM means all sanitary sewer works and all appurtenances thereto, including sewer mains, Sewage lagoons, sewer outfalls, service connections, Sewage lift stations, force mains, siphons and treatment facilities owned, controlled, maintained and operated by the *District* that gather, treat, transport, store, utilize or discharge wastes. The Community Sewer Systems does not include storm drains.

CONSUMER means any person who discharges *Waste* into the *Community Sewer System* under this Bylaw.

CONTAMINANT means any substance, whether gaseous, liquid or solid, whether dissolved or suspended, that:

- (a) injures or is capable of injuring the health or safety of a person;
- (b) injures or is capable of injuring property or any life form;
- (c) interferes or is capable of interfering with the proper operation of a sewer or Sewage facilities;
- (d) causes or is capable of causing material physical discomfort to a person; or
- (e) damages or is capable of damaging the environment.

COUNCIL means the *Council* of the *District* of Hudson's Hope.

DISTRICT means the *District* of Hudson's Hope.

INSPECTION CHAMBER means a below-ground structure built in the line of a sewer or sanitary drain for inspecting or testing the sewer or drain and for clearing obstructions from the surface.

LOW PRESSURE SYSTEM means a sanitary sewer system consisting of on-site, privately owned, operated and maintained Sewage pumps with discharge pipes connected to a *District* owned and operated low pressure Sewage forcemain or gravity sewer. The entire length of the *Service Connection* is private, even that portion within the public right-of-way.

OIL AND GREASE means an organic substance recoverable by procedures set out in *Standard Methods* and includes but is not limited to grease, hydrocarbons, esters, fats, oils, waxes and high-molecular-weight carboxylic acids.

OPERATIONS MANAGER means the person appointed by *Council* to manage and oversee the day-to-day operation of the *Community Water System*, the Approving Officer and/or the Chief Administrative Officer (CAO).

PRIVATE SEWER SERVICE means a pipe, including manhole and *Inspection Chamber* laid on a property connecting a *Service Connection* with a house, building, or structure on the property. A *Private Sewer Service* is used to convey *Waste* to the *Community Sewer System* and is not owned by the *District*.

SANI-STATION means an approved facility to which *Sewage* is transported for temporary storage.

SERVICE CONNECTION means a service pipe from the *Sewer Main* to the property line. A *Service Connection* includes an *Inspection Chamber* and is part of the *Community Sewer System*.

SEWER (MAIN) means a pipe, or conduit and other equipment and facilities, owned, operated and maintained or otherwise under the control or jurisdiction of the *District*, for collecting and transporting waste.

STANDARD METHODS means the latest edition of "Standard Methods for the Examination of Water and Wastewater" jointly prepared and published from time to time by the American Water Works Association, American Public Health Association and the Water Environment Federation or any successor published standards.

STORM DRAINS means all pipes, conduits, drains and other equipment intended or necessary to carry storm water.

STORM WATER means water originating from rainwater, snow melt, and/or ground water *Storm Water* includes but is not limited to, water from roof drains and building foundation drains.

SYSTEM EXTENSION means any installation requiring the construction of a *Sewer Main* on a highway, *District* right-of-way or easement, from an existing *Sewer Main*, but does not include a *Service Connection* or a *Private Sewer Service*.

UNCONTAMINATED WASTEWATER means water after use for any purpose that is not substantially changed from its natural state in terms of chemical or biochemical qualities and/or temperature. *Uncontaminated Wastewater* includes but is not limited to, cooling water, dechlorinated water discharged from a swimming pool and water used in street cleaning.

URBAN SERVICE BOUNDARY means the maximum extent to which the *District* will extend the *Community Sewer System* as shown and defined in the *District's Official Community Plan*.

WASTE means any substance whether gaseous, liquid or solid, that is or is intended to be discharged or discarded, directly or indirectly, to its respective sewer, drain, and treatment plant or collection station.

WASTE (DOMESTIC) means *Waste* produced on real property or in a premises which is solely used for residential purposes.

WASTE (NON-DOMESTIC) means all *Waste* except domestic *Waste*, sanitary *Waste*, trucked *Waste*, *Storm Water* and cooling *Waste*.

WASTE (SPECIAL) means a substance that is defined as "Special Waste" as interpreted by the *Environmental Management Act*.

WASTE (SANITARY) means *Waste* from sanitary conveniences on residential and on-residential property.

SEWAGE means the water-borne *Wastes* of the municipality derived from human or industrial sources including domestic wastewater and industrial wastewater, but does not include rain water, ground water, or drainage of uncontaminated water.

2.0 GENERAL REGULATIONS

2.1 Conditions of Sewage Collection

- .1 It is a condition of the collection of Sewage that:
 - (a) the *District* shall not be liable for damage by reason of the failure of collection of sewer to any *Consumer*; and,
 - (b) the *District* shall not be liable for any injury or damage to any person or property arising or occurring from the use of the *Sewer System*.

2.2 User Fees

- .1 All *Consumers* must pay the applicable sewer rate(s) that are set out in the *District's Fees and Charges Bylaw*.

2.3 Enforcement

- .2 Subject to the provisions of the Community Charter the Operations Manager, and any other designated District bylaw enforcement officer, is authorized to enter, at all reasonable times, any day of the week, on any property in order to inspect and determine whether the regulations and requirements of this Bylaw are being met.

3.0 COMMUNITY SEWER SYSTEM

3.1 Requirement to Connect

- .1 Within the Urban Service Boundary, every owner of a premise fronting or abutting a *Water Main* must connect to the *Community Sewer System*.
- .2 In addition to any other penalty that may be imposed by this Bylaw, or penalties levied by other government agencies, where the owner of a premise fails, neglects, refuses to or does not connect the to the *Community Sewer System*, the *District* may have the work done at the expense of the owner, and the *District* may recover the cost in the same manner as *District* taxes.
- .3 Each parcel is limited to a maximum of one *Service Connection* except when:
 - (a) there is more than one permanent building on the parcel; or,
 - (b) there is a duplex on the parcel.

3.2 Application to Connect

- .1 An application to connect, or reconnect, to the *Community Sewer System* must be made by the owner of a premise using the "Connection / Abandonment Application Form" (Schedule E).
- .2 Each application to connect, or reconnect, to the *Community Sewer System* must be accompanied by a sewer *Service Connection* fee, as outlined in the *District's Fees and Charges Bylaw*.
- .3 Prior to connecting to the *Community Sewer System*, the owner of the premise must obtain the approval from the *Operations Manager* in writing.
- .4 Despite Section 3.2.1 of this Bylaw, the *District* may decline to install a *Service Connection* if:
 - (a) any part of the *Community Water System* has inadequate capacity to meet the proposed additional service requirements; or,
 - (b) the proposed *Service Connection* exceeds twenty metres (20.0 m) in length.

3.3 Installation of Service Connection

- .1 All *Service Connections* must be installed in accordance with all relevant *District* bylaws and regulations.

- .2 Only the *District*, or approved *District* contractors, shall install *Service Connections*, unless otherwise permitted in writing by the *Operations Manager*.
- .3 *Service Connection(s)* will be located as per owner requests, wherever possible. In the event that the owner's preferred location is not practical, the *Operations Manager* will designate an appropriate location for each *Service Connection* to the parcel or building(s), as the case may be.
- .4 The following conditions apply when an application for a *Service Connection* accompanies a building permit with a construction value greater than \$100,000, or where a parcel is being redeveloped:
 - (a) If the *Service Connection* and *Private Sewer Service* are less than thirty (30) years old, the owner of the parcel must provide a video inspection for the *District* to review. The owner of the parcel must repair the *Service Connection* if it has excessive damage.
 - (b) If the *Service Connection* and *Private Sewer Service* are thirty (30) years old or older they must be replaced.
 - (c) All no-corrode, asbestos cement or clay service pipes of any age or condition must be replaced.
 - (d) All shared *Service Connections* and *Private Sewer Services* must be replaced.
- .5 Every owner of a parcel that connects to the *Community Sewer System* must:
 - (a) discontinue use of any septic tanks, lagoons or mounds; and
 - (b) decommission any septic tanks, lagoons or mounds; or,
 - (c) remove and dispose of any septic tank.
- .6 No person shall excavate any roadway within the *District* for the purposes of installing or repairing sewer, or any other utilities, without first submitting the following:
 - (a) a satisfactory Certificate of Insurance naming the *District* as an additional insured;
 - (b) a satisfactory Street Opening Bond in the amount of ten thousand dollars (\$10,000.00) executed to the benefit of the *District*; and,
 - (c) a sketch of the location and nature of the work to be done.

3.4 Shut-Off and Disconnection

- .1 In the event that a building or structure is removed from its site, or is destroyed or is damaged to the extent that it can no longer be put to any legally permitted use, the owner of the premise must, at his or her expense, effectively cap the downstream side of the *Private Sewer Service*, a minimum of 2 meters or the depth of the inspection chamber,

from the property line, for the interim period during which the *Service Connection* is not in use.

- .2 If the intention is to not ever use the *Service Connection*, the owner of the premise must, at his or her expense, effectively have the *Service Connection* capped and sealed.
- .3 When an owner of a premise permanently ceases use of a *Service Connection*, the owner must immediately notify the *District* (see Schedule E) and pay the abandonment fee set out in the *District's Fees and Charges Bylaw*.

3.5 System Extensions

- .1 The *Community Sewer System* will not be extended beyond the *Urban Service Boundary*.
- .2 The *District* will not permit *System Extension* within the *Urban Service Boundary* if:
 - (a) any downstream part of the *Community Sewer System* has inadequate capacity, based on the *District's* flow volume calculations, to meet the proposed additional service requirements; or
 - (b) the proposed *System Extension* would cause the *District* to expend an inordinate amount of time, effort or money, as determined by the *Operations Manager* or his/her designate, to operate and maintain the *System Extension*, in comparison to the revenue that it would generate.
- .3 *System Extensions* for which the *District* pays either wholly or partially, will only proceed provided costs to the *District* are:
 - (a) Recoverable in whole, or in part, from existing and future parcels of land that will be served by the *System Extension*;
 - (b) Not excessive as determined by *Council*.
- .4 Any person seeking the installation of an *System Extension* by the *District* must:
 - (a) enter into a servicing agreement with the *District*; and,
 - (b) submit to the *District* any technical drawings necessary, in the opinion of the *Operations Manager*, to complete the extension.
- .5 Any person wishing to construct a *System Extension* at their own expense must:
 - (a) enter into a servicing agreement with the *District*;
 - (b) supply the engineering designs and cost estimates (both documents under seal of a professional engineer registered in the Province of British Columbia) to the *District* along with any other information required by the *Operations Manager*; and,
 - (c) permit the *District*, or the *District's* contractors, to inspect the extension prior to backfill, perform or witness all standard testing procedures and if required by the

Operations Manager, modify the extension to meet *District* standards or requirements for similar extensions.

- .6 No provision of this bylaw limits or restricts in any way *Council* from exercising full jurisdiction and control over the operation of the *Community Sewer System*, and the fact that any extension may have been installed and constructed without cost to the *District* will not in any way exempt the person receiving service from any regulations, rates, order or bylaw of the *District*. The payment of part or all of the installation and construction costs by any applicant for a *Service Connection* shall not be construed as a guarantee by the *District* with respect to continuity or adequacy of service.

3.6 System Failures

- .1 All persons must immediately notify the *District* of any suspected defects, breaks or breakdowns in the *Community Sewer System*, and any suspected defects, breaks or breakdowns in *Private Sewer Services* that may threaten the integrity of the *Community Sewer System*.
- .2 Where any *Service Connection*, becomes stopped or otherwise fails to function, the owner or occupier of the premise must notify the *Operations Manager*. The *District* shall, as soon as is reasonably practicable, arrange to have the *Service Connection* unstopped or otherwise restored to serviceable condition.
- .3 Where there is no *Inspection Chamber* installed on the *Service Connection* at the property line, or the *Inspection Chamber* has been buried, covered, or obstructed and cannot be located by the *District*, the *District* will take reasonable efforts to locate the connection through means of surveying, sounding, probing, and shallow hand digging. If other methods are required, the cost of these methods shall be the responsibility of the owner. The cost to remove and replace material, structures, and improvements covering or obstructing the *Inspection Chamber* and the reinstatement of the area to its previous state shall be the responsibility of the owner of the premise.
- .4 The following conditions apply where a *Service Connection* is unstopped or otherwise restored to serviceable condition as a result of a blockage:
 - (a) If the blockage is found in a *Private Sewer Service* on the owner's property side of the connection, then the owner shall be responsible for all costs to remove the blockage, repair the *Service Connection* and reinstate the area to its previous state.
 - (b) If the blockage is found to be located in the *Community Sewer System* due to a structural fault, the *District* will, at its costs, remove the blockage, repair the *Service Connection*, reinstate the area to its previous state, and pay reasonable direct costs necessary to initially expose the *Service Connection*.
 - (c) If it is determined that a blockage within *Community Sewer System* is as a result of an introduced foreign object or substance, the *District* will remove the blockage,

repair the *Service Connection* and reinstate the area to its previous state, with the owner or occupier of the premises responsible for all costs incurred by the District.

- .5 All costs for *District* works which are deemed to be the responsibility of the owner of a premise shall be paid upon demand and if unpaid on the thirty-first (31) day of December of the year in which the work is done shall be deemed to be taxes in arrears and the *District* may recover the cost in the same manner as *District* taxes in accordance with the applicable provisions of the *Local Government Act* and *Community Charter*.

3.7 Prohibited Activities

- .1 No person shall connect to, add to, tamper with, operate, remove or alter the *Community Sewer System* or any part thereof except in accordance with this Bylaw.
- .2 No person shall without lawful excuse break, damage, destroy, uncover, deface or mar the *Community Sewer System* or any part thereof.
- .3 No person shall obstruct, at any time, or in any manner, the access to any manhole, inspection chamber, or other fixture connected with the *Community Sewer System*, by placing thereon or in the vicinity thereof, any fencing or other impediments, landscaping, lumber, timber, wood, brick, stone, gravel, sand or other materials or things and the *Operations Manager* or any other employee or agent of the *District* may order the removal of the obstruction and the expense of the removal will be charged to and paid by the person so offending in addition to any other penalty imposed by this bylaw.
- .4 No owner or occupier of a premise serviced by the *Community Sewer System* may accept, admit or discharge any *Waste* or other material or substances, unless the *Waste* or other materials or substances was generated on property to which the service is provided.

4.0 PRIVATE SEWER SERVICE

4.1 Establishment

- .1 The owner of a premise is solely responsible for the installation of *Private Sewer Services*, at his or her own cost.
- .2 Every owner of a premise shall construct *Private Sewer Service(s)* in strict compliance with the *BC Building Code* and the *District's Building Bylaw* and must operate and maintain the *Private Sewer Service(s)*, including clearing any blockages directly attributed to discharge from the premise.
- .3 If, after receiving 7 days written notice from the *District* that the owner of a premise is not in compliance with section 4.0.1, and had an opportunity to be heard before *Council*, then *District* staff may enter the parcel to undertake necessary repairs and/or replacements. All associated costs shall be paid by the owner of the premise, and are recoverable in the same manner as taxes pursuant to the *Community Charter*.

4.2 Interceptors

- .1 Grease and oil and sand interceptors must be provided on all *Private Sewer Services* for:
 - (a) All food establishments, other than vehicles, as defined in the *Food Safety Act*, R.S.B.C. 2002, c.28 as amended;
 - (b) All industrial used permitted uses in the District's Zoning Bylaw under Section 20 (M1 – Light Industrial) and Section 21 (M2 – Heavy Industrial);
 - (c) The following commercial used permitted in the District's Zoning Bylaw:
 - i. Gas bar;
 - ii. Automobile, truck and recreation vehicle sales and repairs where trucks and recreational vehicles do not exceed 4,700 kg (10,364 lbs.) gross vehicle weight;
 - iii. Public transportation depot;
 - iv. Service Station;
 - v. Automobile, recreation vehicle, boat, trailer, tire, truck sales, rental, repair and cleaning;
 - vi. Car and truck wash establishment;
 - vii. Heavy equipment repair;
 - viii. Instruments, small equipment sales and service;

- ix. Oilfield supplies and service; and,
 - x. Tire sales.
- .2 All interceptors must be of a type and capacity approved by the *Operations Manager* and must be installed in readily and easily accessible locations for cleaning and inspection. Once installed, all interceptors shall be maintained by the owner of the premise, at his or her expense, in an operable and functional state at all times. The *Operations Manager* may prescribe the manner and the frequency of maintenance and may require that the owner periodically provide acceptable proof of maintenance.

4.3 Low Pressure Systems

- .1 At no time shall the owner or occupier of a premise change the pumping characteristics of the pumping system within a premise, unless otherwise approved by the *Operations Manager*.
- .2 The owner of the premise is fully responsible for the operation, maintenance, repair and replacement of any pumping system including pump unit(s), controls, entire force main and all auxiliary components, and annual pump outs of solids tanks, from the building to the connection to a low pressure *Sewer Main*.
- .3 If a pumping system does not provide adequate pressure the owner must replace the pumps, forcemain and controls including installing a balancing tank to meet changing operating conditions of the *Low Pressure System* in the area. The replacement work shall be designed by a professional engineer and the owner shall submit the record of replacement to the *District*. All work is to be completed at the owner's cost.

5.0 INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL WASTE

- .1 The design flow rates of the sanitary sewer system for industrial, commercial or institutional *Waste* are:
 - (a) gravity sewers – 30,000 litres/gross hectare/day with the peak flow rate not exceeding 1.3 litres/gross hectare/second; and,
 - (b) low pressure systems – flow rate to be designed in accordance with the specific design of the downstream system and in consultation with the *Operations Manager*.
- .2 Where *Waste* is discharged into the sanitary sewer system at a rate which is in excess of the design flow rate as identified in Section 5.0.1 above, the *Operations Manager* may prescribe a rate of discharge that is acceptable within the system or may direct that the *Waste* be conveyed to a sewer inlet at another location adequate to receive the flow. When a request is received to discharge an excess amount of waste, it will be considered a special circumstance and will be scheduled during low volume times such as between midnight and 6:00 a.m.
- .3 Where no appropriate sewer is available or where the discharge is considered to be injurious to or exceed the design flow rate of the *Community Sewer System*, the *Waste* may be disposed of in into an outlet in a manner prescribed by the *Operations Manager*, subject to regulations, standards of quality, quantity, rate of discharge and other stipulations and conditions as may be prescribed or are in effect by legislation or this bylaw.
- .4 Every owner of a premise is responsible for providing, installing, operating and maintaining equipment to limit the discharge within the prescribed rate or convey *Waste* to another outlet as directed by the *Operations Manager*.
- .5 Except where expressly authorized to do so by an applicable pre-treatment standard or requirement in accordance with the *Ministry of Environment's* specification, no industrial user shall ever increase the use of process water, or in any other way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a pre-treatment standard or requirement, or in any other pollutant-specific limitation developed by the District. The *Operations Manager* may impose mass limitations on industrial users who are using dilution to meet applicable pre-treatment standards or requirements or in other cases where the imposition of mass limitations is appropriate.

6.0 PROHIBITED AND RESTRICTED WASTE

6.1 Prohibited Waste and Special Waste

- .1 No person may permit sludge, material or deposit contained in a septic tank to enter the Community Sewer System, other than at a specific *District* designated facility.
- .2 No person may discharge or allow or cause to be discharged, into the *Community Sewer System* any:
 - (a) Prohibited Waste (Schedule F), other than truck Waste that is permitted to be disposed at a specific *District* designated facility;
 - (b) Special waste;
 - (c) Water or any other substance for the purpose of diluting any non-domestic Waste discharged into a sewer to meet acceptable tolerance standards within this bylaw; or
 - (d) Anything in a concentration or quantity which may be or may become a health or safety hazard to personnel operating or maintaining the sewers or the sanitary sewer system or which may cause damage or interfere with the proper operation of a sewer or the sanitary sewer system or which may injure or is capable of injuring any property, or health of any person or any life form.
- .3 No person may discharge or continue to allow to be discharged any *Storm Water* directly into a *Private Sewer Service* or the *Community Sewer System*.

6.2 Restricted Waste and Storm Water

- .1 Unless the owner has received prior authorization in writing from the *Operations Manager*, no person shall discharge or allow or cause to be discharged into a *Private Sewer Service* or the *Community Sewer System* any:
 - (a) restricted Waste (Schedule G);
 - (b) uncontaminated wastewater; and,
 - (c) processed water from groundwater remediation.
- .2 Sanitary Waste from recreational vehicles must be discharged into approved sani-stations.
- .3 Nothing in this bylaw absolves a person discharging Waste from complying with any regional, provincial or federal enactment.

6.3 Accidental Discharge / Spill Reporting

- .1 All persons must notify the *District* and appropriate government agencies immediately of any sludge loading, accidental discharges or any other discharges or highway spills of wastes in violation of this Bylaw to enable countermeasure to be taken by the *District* to minimize damage to the *Community Sewer System* and/or the receiving waters.
- .2 The owner of the premise must identify the type of chemical, volume of spill, location, time and date of occurrence and the countermeasure taken to control the spill.
- .3 Within five (5) calendar days of the date of occurrence, by a detailed written statement from the owner of the premise describing the causes of the discharge and the measure being taken to prevent its future occurrence must be submitted to the *District* in writing.
- .4 Notification will not relieve the owner of the premise of liability for any consequential expense, loss or damage to the *Community Sewer System* or for any fines and/or penalties imposed by the *Ministry of Environment* which result from the violating discharge.

7.0 INSPECTION AND MONITORING

- .1 The *Operations Manager* may require a property located within an industrial or service commercial zone whose owner or tenant is deemed to be discharging non-domestic *Waste* into the *Community Sewer System* to install and maintain a control manhole at the property line suitable for the inspection, measuring and sampling of the non-domestic *Waste* or if the *Operations Manager* determines that one or more existing manholes are suitable for the purpose of inspecting, measuring and sampling, the *Operations Manager* may designate one or more of such manholes as control manholes.
- .2 The owner of property where a control manhole has been installed must ensure that the manhole is accessible and is maintained in good condition at all times.
- .3 The *Operations Manager* may require that a person who is discharging any material or substance into the *Community Sewer System* undertake measuring, sampling and analysis of the material or substance discharged at his or her expense.
- .4 All measuring, sampling and analysis required by the *Operations Manager* must be in accordance with methods and procedure specified in *Standard Methods*, unless otherwise authorized by the *Approving Officer*.
- .5 Samples which have been collected as a result of a requirement of the *Operations Manager* pursuant to Section 7.0.3 herein, must be analyzed by a qualified, independent agency, unless other prior arrangements have been authorized in writing by the *Operations Manager*.
- .6 If there is no control manhole on a parcel, the point of discharge into the *Community Sewer System* for the purposes of enforcing this Bylaw will be designated by the *Operations Manager* as that location where access to the discharge for the purpose of measuring, observing or sampling is possible.

8.0 OFFENCES AND PENALTIES

- .1 Any person who contravenes any provision of this Bylaw is liable to the *District* for and must indemnify the *District* from all costs, expenses, damages and injuries resulting from the contravention. This does not in any way limit any other provision or any other remedy the *District* may have under this Bylaw or otherwise at law.
- .2 Every person who violates any of the provisions of this Bylaw, or who suffers or permits any act or thing to be done in contravention of this Bylaw, or who refuses, omits, or neglects to fulfill, observe, carry out, or perform any duty or obligation imposed by this Bylaw is liable to a minimum fine of One Thousand Dollars (\$1,000) and a maximum fine and or penalty of Ten Thousand Dollars (\$10,000).
- .3 The minimum and maximum fines for breach of this Bylaw pursuant to the *Offence Act* and section 263 of the *Community Charter* are those listed in Schedule B.
- .4 Where there is an offence that continues for more than one day, separate fines may be issued for each day or part thereof in respect of which the offence occurs or continues.
- .5 The *District* may enforce compliance with the stipulations within this bylaw or non-payment of fines by preventing access to sewer services being supplied to the user or discontinuing the service thereof provided that the *District* has provided 7 days' written notice and has also provided the owner of the parcel affected with an opportunity to make representations to *Council*.
- .6 Nothing in this Bylaw limits the *District* from utilizing any other remedy that is otherwise available to the *District* at law.
- .7 The *District* designates this Bylaw as a bylaw that may be enforced by means of a ticket in the form prescribed for that purpose by the *Community Charter* and the *Community Charter* Bylaw Enforcement Ticket Regulation.
- .8 The persons appointed to the job positions or titles listed in Schedule D of this Bylaw are designated as Bylaw Enforcement Officers for the purposes of issuing tickets under this Bylaw.
- .9 The words or expressions set forth in Column 1 of Schedule C of this Bylaw designate the offence committed under the Bylaw section number appearing in Column 2 opposite the respective words or expressions for the purposes of issuing tickets under the *Community Charter*. The amounts appearing in Column 3 of Schedule C of this Bylaw are the fines for the corresponding offences designated in Column 1 for the purposes of issuing tickets under the *Community Charter*.

SCHEDULE B

Penalties

DESCRIPTION OF OFFENCE	PENALTY
Construction of sewer service without and/or in contravention of servicing agreement	\$10,000
Enter and/or work on public sewer without written authorization	\$5,000
Connecting private sewers without a permit	\$5,000
Extension of private system from one lot to another	\$5,000
Fail to provide required sewer service to separately titled lots	\$ 5,000
Roof leaders or <i>Storm Drains</i> connected to sanitary sewer	\$ 2,500
Flow monitoring point not installed as required	\$ 1,500
Wilfully damage with Sanitary Sewer	\$10,000
Wilfully tamper with device in the Sewer System or Sewage Facility	\$10,000
Release of wastes other than permitted matter, such as prohibited, restricted or special waste, to a Sanitary Sewer. An additional charge will be applied for the testing of the wastewater in truck.	\$10,000
Non reporting of accidental discharge/spill	\$5,000
Reasonable effort to repair/remedy/confine release not taken	\$2,500
High inflow and infiltration from the Building Sanitary Sewer	\$2,500
Failure to replace or repair deficient Building Sanitary Sewer	\$2,500
Discharge of restricted <i>Waste</i> without approval	\$10,000
Septic tank, lagoon or mound not discontinued and decommissioned	\$2,500

SCHEDULE C

Municipal Ticket Information Offences

COLUMN 1 DESCRIPTION OF OFFENCE	COLUMN 2 SECTION	COLUMN 3 FINE
Flow monitoring point not constructed and/or maintained	5.0.4	\$1,000
No access to flow monitoring point	3.7.3	\$1,000
Grease/oil interceptor not installed	4.2.1	\$500
Grease/oil interceptor insufficient capacity or design	4.2.2	\$500
Grease/oil interceptor inaccessible	4.2.2	\$500
Grease/oil interceptor not maintained	4.2.2	\$500
<i>District</i> work crew hindered from performing work	--	\$150

SCHEDULE D

Designated Bylaw Enforcement Officers

Chief Administrative Officer

Director of Public Works

Director of Protective & Inspection Services & Fire Chief

Bylaw Enforcement Officers

Approving Officer

Other District Authorized Personnel

SCHEDULE E

Service Application Form (Connection & Abandonment)

***** Request 72 hours in advance for inspections Monday to Friday 8:00 am – 5:00 pm *****

Today's Date: _____
Work to Begin Date: _____

Owner Information

Owner(s)		Address			
First and Last Name		Street Address	City	Province	Postal Code
Home Phone	Cell	Fax	Email		

Property Information

Civic Address of Subject Property	Legal Description of Subject Property		
Street Address	Lot:	Block:	Plan:
	Roll Number:		

Services Requested

Property Type	Mark "X"
Residential	
Commercial	
Industrial	
Institutional	

Service Type	Size
Water	
Sewer	
Storm	
Hydrant	

Abandonment Required
Yes
No

Contractor Information

Contractor Name		Contractor Address			
Full Company Name		Street Address	City	Province	Postal Code
Contact Name	Contact Title	Business Licence #	Contact Phone	Contact Cell	Contact Email

Declaration

I/We _____, the registered owner(s) of the above mentioned property, do hereby apply for _____ Service Connection from the street main to my/our property and authorize the District of Hudson's Hope to inspect the service(s) provided by the Contractor mentioned above and to abide by all conditions of the Districts Bylaws.

I/We hereby declare that the above statements and the information contained in this application are to the best of my/our belief true and correct in all aspects. I/We hereby agree to indemnify and keep harmless the District of Hudson's Hope and its employees against all claims, liabilities, judgments, costs and expenses of whatsoever kind which may in any way occur against the said District and its employees in consequence of and incidental to, the granting of this permit, if issued, and I further agree to conform to all requirements of the applicable regulations, statutes and bylaws in force in the District of Hudson's Hope.

Signature of Owner(s): _____ Date: _____

SCHEDULE F

Prohibited Wastes

The following are prohibited wastes:

.1 Flammable or Explosive Waste

Any waste, which is capable of causing or contributing to an explosion or supporting combustion in any portion of the sanitary sewer system. Flammable and explosive wastes include but are not limited to, gasoline, benzene, naphtha, propane, diesel or other fuel oil, crankcase oil and sludge resulting from the manufacture of acetylene.

.2 Waste Causing Obstruction or Interference

Any *Waste* which is capable of obstructing the flow of or interfering with the operation or performance of any portion of the sanitary sewer system including, but not limited to earth, concrete and cement based products, sand, gardening or agricultural wastes, ash, chemicals, metal, glass, tar, asphalt, plastic, wood, *Waste* portions of animals, fish or fowl, solidified fat, paper and brewery waste.

.3 Odorous Waste

Any waste, other than sanitary *Waste* which is capable of creating an odour, or other air *contaminant*, causing air pollution outside any sewer or *Sewage* facility or creating within any sewer or *Sewage* facility an odour or other *contaminant* which would prevent safe entry by authorized personnel.

.4 High Temperature Creating Waste

- (a) Any *Waste* which may create heat in amounts which will interfere with the operation and maintenance of the sewer and *Sewage* facility or with the treatment of *Waste* in a *Sewage* facility;
- (b) Any *Waste* which will raise the temperature of *Waste* entering any *Sewage* facility to 40 degrees Centigrade or more; and
- (c) Any non-domestic *Waste* with a temperature of 65 degrees Centigrade or more.

.5 Corrosive Waste

Any *Waste* with corrosive properties which may cause damage to any sewer or *Sewage* facility.

6 Pathogenic Waste

Any *Waste* containing infectious material which may create a *contaminant* in the sanitary sewer or *Sewage* facility.

7 Trucked Waste

Any *Waste* that is collected and transported off site by means other than discharge to a sewer, including but not limited to *Oil and Grease* from interceptors, and other sludge of organic origin.

SCHEDULE G

Restricted Wastes

The following are restricted wastes:

.1 Food Waste

Any non-domestic *Waste* from cooking and handling of food that, at the point of discharge into a sewer, contains particles larger than 0.5 centimetres in any dimension.

.2 Radioactive Waste

Any *Waste* that, at the point of discharge into a sewer, exceeds radioactivity limitations established by the Atomic Energy Board of Canada from time to time.

.3 pH Waste

Any non-domestic *Waste* which, at the point of discharge into a sewer, has a pH lower than 5.5 or higher than 11.0 as determined by a grab sample.

.4 Specified Waste

Any *Waste* which, at the point of discharge into a sewer, contains any substance at a concentration in excess of the levels set out in Tables A, B or C below. All concentrations are expressed as total concentrations which include all forms of the *contaminant*, combined or uncombined, whether dissolved or undissolved. The concentration criteria apply to both grab samples and composite samples. Definitions and methods of analysis for these substances are outlined in standard methods.

Any non-domestic *Waste* containing any of the substances listed below in Tables A, B, C at dissolved concentrations in excess of the Special *Waste* Regulation Leachate Quality Criteria (as amended from time to time), regardless of the sampling method used, shall qualify as a special waste.

TABLE A – CONVENTIONAL CONTAMINANTS

CONTAMINANT	MAXIMUM CONCENTRATION (MG/L)
Biochemical Oxygen Demand (BOD)	500
Chemical Oxygen Demand	20,000
Phosphorus	200
Dissolved Solids	5,000
Total Kjeldahl Nitrogen	500
Total Oil and Grease ¹ (O&G – Total)	150
Total Suspended Solids (TSS)	600

Note: ¹ Total Oil and Grease includes Oil and Grease (Hydrocarbons)

TABLE B – ORGANIC CONTAMINANTS

CONTAMINANT	MAXIMUM CONCENTRATION (MG/L)
Oil and Grease (Hydrocarbon) (O&G – Hydrocarbon)	15
Phenols	1
Chlorophenols ¹	0.05
Polycyclic Aromatic Hydrocarbons ² (PAHs)	0.05
Benzene	0.1
Total BETX ³	1

Notes:

- ¹ Chlorophenols include:
Tetrachlorophenol (2,3,4,5-, 2,3,4,6-, 2,3,5,6-)
Pentachlorophenol
- ² Polycyclic Aromatic Hydrocarbons (PAHs) include:
acenaphthylene
anthracene
benzo(a)anthracene
benzo(b)fluoranthene

- benzo(k)fluoranthene
 - benzo(g,h,i)perylene
 - benzo(a)pyrene
 - chrysene
 - dibenzo(a,h)anthracene
 - fluoranthene
 - fluorine
 - naphthalene
 - phenanthrene
 - pyrene
 - indeno(1,2,3-c,d)pyrene
- 3 BETX includes:
- benzene
 - ethylbenzene
 - toluene
 - xylene

TABLE C – INORGANIC CONTAMINANTS

CONTAMINANT	MAXIMUM CONCENTRATION (MG/L)
Aluminum (Al)	50
Arsenic (As)	1.0
Boron (B)	50
Cadmium (Cd)	0.2
Chlorine (free) (Cl ₂)	5.0
Chromium (total) (Cr)	4.0
Cobalt (Co)	5.0
Copper (Cu)	2.0
Cyanide (CN ⁻)	2.0
Iron (Fe)	10.0
Lead (Pb)	1.0
Manganese (Mn)	5.0
Mercury (Hg)	0.05
Molybdenum (Mo)	1.0
Nickel (Ni)	2.0
Selenium	1.0
Silver (Ag)	1.0
Sulphide (S ²⁻)	3.0
Zinc (Zn)	3.0

DISTRICT OF HUDSON'S HOPE

Bylaw No. 757

A bylaw to impose user rates and charges for use of said sewers.

1. This Bylaw shall be cited as the "Sanitary Sewer Regulation Bylaw No. 757, 2008".

2. Definitions:

- 2.1. "Council" shall mean the Council of the District of Hudson's Hope.
- 2.2. "District" shall mean the District of Hudson's Hope.
- 2.3. "Inspector" shall mean the Director of Works and Protective Service or other designated person.
- 2.4. "Owner's Sewer Line" shall mean the sewer pipe extending from the property line of the property concerned or the public sewer line where this is located in an easement through said property, to the building situated thereon, and joining the sewer connection to the plumbing system at that building.
- 2.5. "Public Sewer Line" shall mean any sewer line, sewer system, or portion thereof used or intended to be used for public use under the control of the District.

3. General Provisions

- 3.1. The owners of the premises, whether occupied or vacant, to which a service connection has been made, shall be responsible for the payment of all sewer user rates, whether the service is actually used or not.
- 3.2. The District shall not be liable for any interruption or discontinuance of service provided by sewer facilities installed and maintained by the District.
- 3.3. The District shall not be liable for the cost of any work done in connection with any service on private property.
- 3.4. The employees of the District shall have free access to the property at a reasonable time for the purpose of servicing or repairing the public sewer.

4. Charges:

- 4.1. The sewer rates shall be payable as set forth in Schedule "A" of this bylaw.

5. Inspection of Sewer Constructed on Private Land:

- 5.1. The Inspector shall inspect the owner's sewer when advised by the owner that the said sewer has been laid and is ready for inspection.
- 5.2. All of the owner's sewer shall be left uncovered and convenient for examination until the Inspector has inspected it.
- 5.3. The sewer service connection shall be tested in accordance to Master Municipal Specifications for Sanitary Sewers using the Water Exfiltration Test.
- 5.4. The owner's sewer shall not be covered or backfilled until the Inspector has given written approval of the installation.

- 5.5. After final inspection has been made it shall be incumbent upon the property owner to see that the sewer connection does not become obstructed from rocks, gravel, sand, sticks, garbage, or any other foreign material, grease build-up, and the freezing of lines. Property owners shall see that they or other authorized persons do not remove cleanout caps except for inspection. In instances where an act of nature, such as landslide, shifting of earth, washouts, contractors digging and breaking sewer, water, construction of streets or any other work, or act of nature that would cause damage or break sewer service lines on a District street, right of way, or easement, the District's Inspector shall determine the cause of such damage, and repair or cause to have repaired, the said line, and further, determine who will be liable for payment.
- 5.6. Where the Inspector finds that the materials or workmanship of an owner's sewer are defective or otherwise not in accordance with the provisions of this bylaw, he shall so notify the owner, who shall forthwith replace the defective material or correct the faulty workmanship, and notify the Inspector when the installation is again ready for inspection.

6. Prohibitions

- 6.1. Nothing in this bylaw shall be construed to permit the connection of surface water to the public sewer. The connection either directly or indirectly of roof leaders, foundation drains, swimming pools, sumps or any other collector of surface or ground water is not permitted. The owner of a property who connects, permits or causes to be connected, any such storm or surface or ground water from his premises or property to the public sewer shall be guilty of an infraction of this bylaw.
- 6.2. To discharge into the sanitary sewer of any manner of surface or other waters or of special or hazardous wastes as defined by the *Waste Management Act*.
- 6.3. To cause an upset or malfunction of the sewage treatment plant through deposits forming in the same or directly relating to the attacking and weakening of the public sewer system.
- 6.4. In the case of any commercial or industrial premises where there exists a possibility that such noxious wastes as are described in Section 8.2 and 8.3 of this bylaw may be discharged into the public sewer, a permit to connect to the sewer shall not be issued until the Director of Works and Protective Services or other designated employee has examined fully and approved the layout and design of the protective devices by means of which the applicant proposes to prevent or neutralize the discharge of the said noxious wastes into the sanitary sewer.
- 6.5. To obstruct, destroy, injure, or tamper with any portion of the sanitary sewer system or make any additions or alterations to it, or perform any work on or under any street, lane, right of way or easement without approval of the Inspector.

7. Other Regulations:

- 7.1. In case any owner shall fail to take the necessary steps to repair a service line or other which has or may cause disruption in disposal of sewage from any property, or where the owner requests the District to make the repairs, the Clerk may take such action as is deemed advisable to restore service and the cost of said work shall be deemed to be a charge on the property and if not paid by the owner within sixty (60) days shall be added to the Property Tax Roll and be treated in all respects as ordinary taxes due upon the said property.
- 7.2. The District shall not be liable for the failure of the sanitary sewer in consequence of any damage or accident to the works, or any temporary stoppage thereof on account of alterations or repairs, whether such failure arises from the negligence of any person in the employ of the District or other person whomsoever, or through natural deterioration or obsolescence of the system or otherwise.
- 7.3. Nothing contained in the bylaw shall be construed to impose any liability on the District to provide, or continue to provide service to any owner or property.

8. Infractions and Penalties:

- 8.1. Every person who violates any of the provisions of this bylaw, or suffers or permits any act or thing to be done in contravention of this bylaw, or who neglects or refrains from doing anything required to be done by any of the provisions of this bylaw, shall be deemed to be guilty of an infraction hereof and shall be liable to the penalties imposed.
- 8.2. Failure to comply with any section or subsection of this bylaw will be considered as an infraction, and further, failure to comply within seven (7) days of receipt of written notice from the District shall be considered an infraction.
- 8.3. Every person who violates this bylaw shall, in addition to any other penalties herein provided, be liable on summary conviction to a fine of no less than One Hundred Dollars (\$100.00), but not exceeding Five Hundred Dollars (\$500.00) for each offence.

9. Related Provisions:

- 9.1. The District of Hudson's Hope Sanitary Sewer Regulation and Connection Bylaw No. 713, 2006" and all amendments thereto are repealed.
- 9.2. This Bylaw shall take effect on January 01, 2009.

Read for a First Time on the 24th day of November, 2008.

Read for a Second Time on the 8th day of December, 2008.

Read for a Third Time on the 8th day of December, 2008.

Adopted on the 8th day of December, 2008.

MAYOR

CLERK

Certified a true copy of Bylaw No. 757
this ____ day of _____ 200__.

Clerk

SCHEDULE "A"
SEWER RATES

Residential:

1. The owner of each dwelling unit as defined in the Zoning Bylaw, which is connected to the municipal sewage collection and disposal system, shall pay an annual fee of \$201.00 per year.
2. The annual fee set out in section 1 is payable to the municipality on or before the 31st day in December in the year the invoices are mailed.
3. Notwithstanding section 2, an owner may elect to pay the annual fee in two instalments and a 4% discount will be given if the first instalment is paid prior to February 15th and a 4% discount will be given if the second instalment is paid prior to August 15th.
4. A prorated refund of the annual fee will be allowed, providing a disconnection has been requested by the owners. The cost of disconnection shall be the actual cost of disconnection as determined by the District.

Commercial and Other:

5. The owner of each commercial or other non-residential premises, which is connected to the municipal sewage collection and disposal system, shall pay an annual fee of \$221.50 per year.
6. Notwithstanding section 5, where a water meter is installed on any premises to measure the quantity of water used on that premises, the owner of the premises shall be charged in each month a sum equal to 45% of the invoice for water as established under Bylaw No. 712, subject to a minimum monthly charge of \$18.00.
7. The owner of a premise that is metered will be invoiced monthly in accordance with the water consumed.

