



VILLAGE OF HARRISON HOT SPRINGS  
BYLAW NO. 980

**A bylaw for the regulation of sewer services**

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**WHEREAS** the Village of Harrison Hot Springs has deemed it advisable to establish a bylaw to regulate the connections to the *Community Sewers*;

**NOW THEREFORE** in open meeting assembled, the Mayor and Council of the Village of Harrison Hot Springs enacts as follows:

**1. CITATION**

This Bylaw may be cited for all purposes as the Village of Harrison Hot Springs "Sewer Regulation Bylaw No. 980, 2011".

**2. INTERPRETATION/DEFINITION**

In this Bylaw unless the context otherwise requires:

**"Biosolids"** means a primarily organic solid left over from a wastewater treatment process that can be beneficially recycled.

**"BOD"** (Biochemical Oxygen Demand) means the quantity of oxygen expressed in milligrams per liter utilized in the biochemical oxidation of organic matter under standard laboratory procedure according to standard methods.

**"Building Sewer"** shall mean the sewer pipe extending from the property line of the property concerned or the *Community Sewer* where this is located in an easement through the property, to the building situated thereon, and joining the plumbing system of the building.

**"Community Sewer"** shall mean any sewer, sewer system or portion thereof used or intended to be used for public use and under the control of the *Village*. It does not include any portion of a sewer system on private lands.

**"Construction Dewatering"** means the act of pumping groundwater or storm water away from an active construction site.

**"Council"** shall mean the Council of the Village.

**“Engineer”** means a Professional Engineer registered in the Province of British Columbia, appointed by *Council* to act as the *Village’s Engineer* or his designate and is appointed by the Chief Administrative Officer or such other person as the Village may from time to time appoint.

**“Hazardous Substance”** means:

- (a) any substance or mixture of substances other than a pesticide that exhibits characteristics of inflammability, corrosivity, reactivity or toxicity;
- (b) any substance that is designed as a hazardous substance within the meaning of the Federal and Provincial regulations.

**“Indirect Discharge”** means the act of introducing or depositing wastes from any non domestic source into a public sewer, private sewer, or side sewer tributary to the *Sewer System*.

**“Inspector”** shall mean the *Inspector* of the Village or such other person as the Chief Administrative Officer may from time to time appoint.

**“Inspection Chamber”** means a clean-out installed at the property line of a building which connects the *Building Sewer* to the *Sewer Connection*. The *Inspection Chamber* shall be installed in accordance to MMCD Drawing No. S9.

**“Operations Manager”** shall mean the *Operations Manager* of the *Village* or such other person as the CAO may from time to time appoint.

**“Owner”** shall mean the person or persons including a corporation or company, registered in the records of the Land Title Office as *Owner* in fee simple of real property, and includes authorized agents.

**“pH”** means the logarithm of the reciprocal of the weight of hydrogen ions in grams per liters of solution. Neutral water, for example, has a pH of 7 and hydrogen concentration of  $10^7$ .

**“Private Sewer Connection”** means that part of any pipe or system of pipes lying within the limits of the private lands and leading to the Village sewer connection whose responsibility for maintenance is the property *Owners*.

**“Sewage”** means water carried wastes from residences, buildings and business premises.

**“Sewer”** means a pipe including manholes and other appurtenances other than a *Sewer Connection* in the *Sewer System*.

**“Sewer Connection”** means the sewer pipe extending from the *Community Sewer* to the property line of the property being served. Where the sewer pipe is located in an easement across other property, the sewer connection shall be the sewer pipe extending from the *Community Sewer* to the first property line crossed. Where the sewer pipe is located in a statutory right-of-way, the sewer connection shall be the sewer pipe extending from the *Community Sewer* to the property line of the property being served.

**“Sewer Extension”** means any installation requiring the construction of a sanitary sewer on any highway or *Village* right-of-way from the most convenient existing sewer. “Extension” shall not include a *Sewer Connection*.

**“Sewer System”** means all sanitary sewer works and all appurtenances thereto, including Sewers, Sewer Connections, pumping stations, treatment plants, sewage lagoons and sewer outfalls laid within any highway, *Village* right-of-way or *Village* property.

**“Sludge”** has the same meaning as *Biosolids*

**“Total Suspended Solids”** means solids that either float on the surface of or are in suspension in water, *Sewage* or other liquids and which are removable by laboratory filtering (as described by Standard Methods for the Examination of Water and Wastewater, current edition).

**“Village”** shall mean the Village of Harrison Hot Springs or the geographic area within its boundaries as the context requires.

**“Waste Discharge Permit”** means the permit to discharge *Sewage* to the Community Sewer System and is issued by the Engineer or the Operations Manager.

### 3. DECLARATION OF POLICY

The Village hereby establishes a system of sewage works for the collection, containment and disposal of *Sewage*, referred to as the *Sewer System* including the waste water treatment plant.

### 4. PURPOSE

- (a) To regulate the use of the *Sewer System* ;
- (b) To prevent pollutants from entering the sewage system that will interfere with normal operation, cause damage to collection or treatment systems, or contaminate the resulting *Biosolids*;
- (c) To prevent the introduction of pollutants into the *Sewer System* that will not be adequately treated and will pass through into the environment; and

- (d) To ensure protection of public and worker safety and health.

## 5. **SANITARY SEWER REQUIREMENTS**

No person shall release or permit the release of any waste water into the *Sewer System* except:

- (a) Domestic waste water;
- (b) Non domestic waste water that complies with the requirements of this Bylaw;
- (c) Trucked waste water including sewage that complies with the requirements of this Bylaw where a Waste Discharge Permit has been issued by the Engineer for clear water waste, subsurface water or other matter where the Waste Discharge Permit has been issued by the Engineer; or
- (d) Extra strength waste water where a Waste Discharge Permit has been issued by the Engineer.
- (e) No person shall release or permit the release of any prohibited substance listed in Schedule "B" of this Bylaw into the *Sewer System*.
- (f) No person shall release or permit to be released any restricted substance which exceeds the concentrations listed in Schedule "C" of this Bylaw into the *Sewer System*.

## 6. **APPLICATION AND ADMINISTRATION**

- (a) The *Engineer* shall administer, implement, and enforce the provisions of this Bylaw. Any powers granted to or duties imposed upon the *Engineer* may be delegated by the *Engineer* to other staff.
- (b) This Bylaw applies to the entire geographical area of the *Village*.
- (c) If a parcel of land, upon which is situated a building occupied by one or more persons, abuts a street or land or right-of-way upon or under which there is laid a *Community Sewer*, the Owner or occupier of such building shall connect or cause to be connected, the building with the *Community Sewer* in the manner provided by this Bylaw.
- (d) No permit for the connection of a parcel of land to the *Community Sewer* shall be issued where in the opinion of the *Engineer* the *Community Sewer* is incapable of adequately serving the parcel of land, and in such case the provision of Section 6 of the Bylaw shall be deemed to have been waived in respect to that parcel of land.

## 7. APPLICATION FOR SEWER CONNECTION

- (a) Before any Building Sewer is connected to a *Sewer Connection* or *Community Sewer*, the Owner of the lands requiring such connection or his agent shall make application to the *Village*, upon a prescribed form, for a permit to connect the Building Sewer to the *Sewer Connection* or *Community Sewer*, and pay to the *Village* a *Sewer Connection* fee as established in Schedule "A".
- (b) A connection shall not be permitted, if, in the opinion of the Engineer, the *Community Sewer* is incapable of carrying away the wastes emanating from the Owner's premises.
- (c) When a building within the *Village* is removed or demolished, it shall be the duty of the Owner or his agent to immediately apply to the *Village*, upon the prescribed form, for a permit to disconnect from the *Community Sewer* at the property line. The *Inspector* shall then cause such disconnection to be made and forthwith plug the said connection at the property line. The fee for such disconnection is contained in Schedule "A".
- (d) If the Owner or his agent, of any property where the sewer line has been disconnected, wishes to re-connect to the *Community Sewer*, he shall make application upon the prescribed forms for re-connection, and pay the fees as contained in Schedule "A".
- (e) All of the Building Sewer shall be left uncovered until it has been inspected by the *Inspector*.
- (e) The Owner or his agent shall test the house connection for water-tightness in the presence of the *Inspector*. The test shall be performed by sealing the building sewer at the *Inspection Chamber* on the property line, using an approved plug, and then filling the line with water so that a head of not less than 1.83 meters is placed on all sections of the Building Sewer. The rate at which the water escapes from the Building Sewer when calculated under this test, shall not exceed 0.45 liters per hour for each 3.05 meters of Building Sewer.
- (f) Any existing *Sewer Connection* without an *Inspection Chamber* at the property line shall have one installed at the Owner's cost.
- (g) If a *Sewer Connection* has been covered prior to inspection, the Owner shall when requested by the *Village*, uncover the work so that it may be inspected.
- (h) Where the *Inspector* finds that the materials or workmanship of a Building Sewer are defective, or otherwise not in accordance with the provisions of the 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.

- (i) Where the *Community Sewer* adjoins a real property on which a building or other structure is constructed for human occupancy or use or is intended for human occupancy or use the Owner shall connect the Building Sewer to the *Village's Community Sewer* in accordance with the provisions of this Bylaw.
- (j) Where the property has no access to the *Community Sewer* other than a connection to the *Village's* force main and has met the conditions for such connection, as approved by the *Engineer*, the Owner shall connect to the building sewer of the building or structure to the force main in accordance with the provisions of this Bylaw.
- (k) Where the Building Sewer of the building or structure has been connected to the *Community Sewer* all *Sewage* from the building or structure shall be discharged through the Building Sewer and no person shall cause or permit any *Sewage* to be drained, discharged or disposed of in any other manner.
- (l) Where an Owner is required by this Bylaw to connect a building or structure to the *Community Sewer* and fails or neglects to connect the building or structure in time or manner specified in this Bylaw or by notice by the *Engineer*, the *Village* may perform the work at the expense of the Owner.
- (m) No person shall discharge, deposit or throw any of the following items to any part of the *Community Sewer*
  - (i) any *Sewage* or waste of any kind except as provided in this Bylaw;
  - (ii) any substance which in the opinion of the *Engineer* may interfere with the *Community Sewer* or Waste Water Treatment Plant;
  - (iii) any prohibited waste or restricted waste as set out in Schedule "B" and "C" of this Bylaw or any contaminated wastewater as determined by the *Village Engineer*.
  - (iv) the *Community Sewer* will not be permitted beyond the boundaries of the *Village* unless specifically authorized by resolution of Council.

## **8. PERMIT REQUIREMENTS**

- (a) Every holder of a Building Permit shall:
  - (i) be responsible for the cost of construction and maintenance of the Building Sewer to ensure that correct elevation of Building Sewer for connection to the *Community Sewer* and where the elevation does not

permit gravity flow shall install, operate and maintain the *Sewage* pumping system as approved by the *Engineer*.

- (ii) Notify the *Village* Office when the work authorized by the Building Sewer Permit is ready for inspection and no work shall be covered until this has been inspected and approved.

(b) Refusal to issue a Building Sewer Permit:

- (i) The *Engineer* may refuse to issue a Building Sewer Permit where, in the opinion of the *Engineer*.
  - a. The *Sewer System* would be incapable of handling the additional load or the load would cause danger of *Sewer* overflow and plugging of the real property;
  - b. The *Sewage* proposed to be discharged may be injurious to or may impair the efficiency of the *Sewer System* or the waste water treatment plant; and
  - c. The *Sewage* does not comply with the terms and conditions set out in this Bylaw.

9. **INSTALLATION OF SEWER CONNECTION AND BUILDING SEWER**

Upon receipt of the application to connect to the *Community Sewer* and payment of the fee required in Schedule "A", the *Village* shall cause to be laid (unless already laid) a *Sewer Connection*. Thereupon the Owner shall connect his Building Sewer to the *Sewer Connection* provided, in accordance with this Bylaw.

10. **CONNECTION TO SEWER CONNECTIONS**

- (a) Unless otherwise directed by the *Engineer*, the Owner shall install the Building Sewer to the Sewer Connection. It is the responsibility of the Owner to ensure the Building Sewer is at the proper elevation to connect to the *Village's Sewer Connection's Inspection Chamber*. If the Building Sewer is not at the correct elevation, the *Village* may refuse to allow the Building Sewer to connect to the *Sewer Connection*.
- (b) The *Sewer Connection* fee does not include works within the property of the applicant, except as to the first inspection of the applicant's building sewer.
- (c) No person other than the *Village*, their employees or their contractors shall install or cause to be installed, any part of the *Sewer Connection*

provided for in this Bylaw, or in any way to break, interfere, or tamper with the *Community Sewer*.

- (d) Where possible the *Sewer Connection* will be located at the location requested by the applicant. In the event the applicants preferred location is not practicable due to the existence of installed surface improvements or is in conflict with installed underground utilities, the *Engineer* shall designate the location of each *Sewer Connection* to each parcel of land or premises.

## 11. DISCONNECTION

- (a) No person shall disconnect or, in any manner, discontinue the service of any building or structure connected to the *Sewage System* without the written approval of the *Engineer*;
- (b) no building or structure which is connected *Sewer System* is to be demolished until the building or structure is disconnected;
- (c) the Owner may first make application to the *Village* for a Demolition Permit, if required, and pay the disconnection fees set out in Schedule "A";
- (d) No Owner shall discharge or permit to be discharged into the *Sewer System*:
- (i) hazardous wastes which can create immediate danger to any person;
  - (ii) endangers or interferes with the operation of the *Community Sewer* ; or
  - (iii) causes or is capable of causing adverse affect.

For this type of discharge into the *Sewer System*, the *Engineer* may, in addition to remedies available, disconnect, plug or seal off the sewer line discharging the unacceptable waste water into the *Sewer System* or take any other action as is necessary to prevent such waste from entering the *Sewer System*.

The reconnection will only be approved by the *Engineer* when satisfied and assured that no further discharge of hazardous waste will be made to the *Sewer System*.

The costs incurred in taking such action, shall be the responsibility of the Owner, and the Owner will immediately reimburse the *Village* for all costs which have been incurred.

## 12. EXTENSION LIMITS

Where a *Sewer* is extended by other than Council resolution, the minimum inside diameter shall be two-hundred millimeters (200mm) and shall extend from the most

convenient existing *Sewer* having sufficient surplus capacity and grade to carry the additional *Sewage* resulting from the said extension, to a point opposite the furthest boundary of the last parcel of land to be served by the said *Sewer Extension*.

### **13. SPECIFICATIONS FOR BUILDING SEWERS**

Each lot or potential lot must be separately and independently connected with the *Community Sewer*. Where two or more buildings exist on one parcel of land and where such parcel of land can be subdivided, each building shall have a separate *Sewer Connection*.

The minimum diameter of every Building Sewer shall be 100 millimeters (100 mm).

All Building Sewers shall be installed by and at the cost of the Owner, and shall be constructed of one of the following materials:

- (a) non-reinforced concrete sewer pipe (Latest Edition of A.S.T.M. Specification C14 Class 3) with gasket joint conforming to ASTM C443.
- (b) Polyvinyl chloride (PVC) Pipe DR 28 for *Building Sewers* up to and including one hundred and fifty millimeters (150 mm) when tested in accordance with C.S.A. Standard B182.1m and B182.2m (A.S.T.M. Specification D3034), integral bell and spigot ends with stiffened wall sections and a formed groove with factory installed gasket conforming to ASTM F477.
- (c) such other materials as the Village on the advice of its *Engineer* may from time to time approve.

The *Building Sewer* shall be laid to an even slope of not less than twenty-one millimeters (21mm) to the meters in the direction of the flow in the case of one hundred millimeters (100 mm) lines, and not less than eleven millimeters (11 mm) to the meter in the case of one hundred and fifty millimeters (150 mm) lines, provided that in exceptional circumstances a slope of eleven millimeters (11 mm) to the meter may be approved if installed under the direction of the *Inspector*.

The pipe shall be laid not less than one point five (1.5 m) below the finished surface of the ground as measured to the top of the pipe.

The pipe shall be laid concentric to each adjacent pipe and the joints shall be flush, even and free of any internal obstruction.

Where couplings are provided by the manufacturer as in the case of plastic pipes, the couplings shall be installed in accordance with the manufacturer's specifications.

In no case will cement mortar and oakum joints be permitted.

Bell and spigot pipe shall be laid with the spigot end facing the direction of the flow.

Where the *Building Sewer* is laid over filled ground or in ground which may be subject to settling, the *Inspector* may require that cast-iron soil pipe, or other materials other than those stated in Section 13 of the Bylaw, be used.

At the point where the *Building Sewer* is joined to the *Sewer Connection* the Owner shall install a Inspection Chamber, with a stopper inserted in the branch. The stopper shall be inserted in such a way as to positively prevent the entrance of groundwater into the sewer connection. The *Engineer* may require a check-valve Inspection Chamber.

The pipe shall not bear any plant, timber, or other unyielding object, nor shall any such object be placed against the pipe in backfilling.

Where the *Building Sewer* is laid near any shrub or tree whose roots may penetrate the pipe joints, the *Inspector* may require that special joint material be used.

#### **14. BLOCKAGES**

The *Building Sewer* shall be maintained by the property Owner at his sole expense. Where any sewer becomes stopped or otherwise fails to function, the Owner or occupier of the premises shall first determine that the blockage is not located in his *Building Sewer* and then notify the *Engineer* forthwith and the *Engineer* shall, as soon as practicable, arrange to have said *Sewer* or *Sewer Connection* unstopped or otherwise restored to serviceable condition.

Where any stoppage or failure is found to exist in the *Sewer Connection* or *Community Sewer* and where such stoppage or other failure is found to have been caused by the act or neglect of the Owner or occupier of the premises, all costs incurred by the Village in restoring service and unstopping the *Community Sewer* or *Sewer Connection* shall be paid by such Owner or occupier upon demand and if unpaid on the thirty-first day of December of the year in which such work is done, shall be deemed to be taxes in arrears on the property concerned and shall be dealt with in the same manner as ordinary municipal taxes upon land in accordance with the applicable provisions of the *Local Government Act*.

#### **15. ABANDONMENT**

When any *Building Sewer* is abandoned, the Owner or his agent shall notify the *Engineer* and the Owner shall effectively block up the *Building Sewer* at a suitable location at or near the connection point of the *Building Sewer* connection with an approved water tight seal.

**16. COMPULSORY CONNECTION**

- (a) Where the Owner or Owners of any parcel of land in the *Village*, which is required to be connected to the *Community Sewer* by this Bylaw neglects, omits or refuses to comply with the provisions of this Bylaw within a period of thirty (30) days after the *Sewer System* becomes operational, the Council may by resolution cause the Owner to be served with a written notice requiring him to comply with this Bylaw within sixty (60) days of receipt of such notice. If the said Owner or Owners neglects, omits or refuses to comply with this Bylaw within sixty (60) days of receipt of such notice, then and in that event the Owner or Owners shall be guilty of an infraction of this Bylaw.
- (b) If the Owner of the parcel of land in the *Village* neglects, omits or refuses to comply within sixty (60) days of receipt of a written notice given under Section 16, the Council may by resolution cause the *Building Sewer* of that parcel to be connected to the *Community Sewer* and cause entry to be made upon the said parcel to do so. The total cost and expense of making the connection, including the cost of connecting the *Building Sewer* to the *Sewer Connection*, shall be charged against the Owner of the parcel of land.

**17. INTERCEPTORS**

Grease, oil, and sand interceptors shall be provided on private property for all new garages, gasoline service stations and vehicle and equipment washing establishments and parking lots. Interceptors may also be required for other types of industries or commercial establishments when deemed necessary by the *Engineer* for the proper handling of liquid waste containing grease in excessive amounts or any flammable wastes, sand, grit, or other harmful ingredients except that such interceptors shall not be required for private living quarters or dwelling units. Such interceptors shall be so located as to be readily and easily accessible for cleaning and inspection. All interceptors shall be maintained by the *Owner* at his expense in continuously efficient operation at all times.

**18. GREASE TRAPS**

- (a) Unless an exemption is granted under section 17, the operator and *Owner* of a food service establishment must ensure that every kitchen sink and dishwasher waste pipe in a food service establishment is connected to a grease interceptor that complies with this Bylaw and is acceptable to the *Engineer*.
- (b) The *Engineer* may grant a written exemption to the requirements of section 17 if the food service establishment does not discharge grease or cooking oil to the wastewater system.

- (c) The operator and *Owner* of a food service establishment must ensure that the grease interceptor required by subsection (a) is:
- i) accessible for maintenance and cleaning;
  - ii) the right size for the flow capacity of the connected pipe; and
  - iii) installed at the required slope to provide a minimum retention time as required by *Canadian Standards Association Standard B 481* or successor standard.
- (d) The operator and *Owner* of a food service establishment must ensure that chemical or biological additives are not added to wastewater discharged to a grease interceptor or placed into a grease interceptor, if this increases the quantity of grease discharged to a *Sewer*.

## **19. PROHIBITIONS**

- (a) Nothing in this Bylaw shall be construed to permit the connection of surface water to the *Community Sewer*. The connection, either directly or indirectly, of roof leaders, foundation drains, field drains, sumps or any other collectors of surface or groundwater is not permitted. The *Owner* of any property who connects, permits, or causes to be connected, any such storm surface or groundwater from his premises or property to the *Community Sewer* shall be guilty of an infraction of this Bylaw.
- (b) If any existing connections of surface water to the *Community Sewer* are identified, the *Owner* of that connection shall disconnect all roof leaders from the *Sewer Connection*. If alternative connections for surface water are available for foundation drains, the foundation drains shall be disconnected from the *Community Sewer* and connected to the alternative drainage system.
- (c) In the case of any commercial or industrial premises where there exists a possibility that wastes, as described in Schedule "B" and "C" of this Bylaw may be discharged into the *Community Sewer*, a permit to connect to the sewer shall not be issued until the *Engineer* has examined fully and approved the layout and design of the protective devices to prevent or neutralize the discharge of the said noxious wastes into the *Community Sewer*.
- (d) No person shall make any connection whatsoever to the sewer or in any way tamper with the *Sewer System* without first obtaining written permission from the *Engineer*. No person shall discharge, deposit or throw or cause, allow or permit to be discharged, deposited, or thrown into any sewer, plumbing fixtures connected thereto, drain, manhole, inspection chamber or any other part of the *Sewer System*, any substance of any kind whatsoever tending to

obstruct or injure the sewer works or to cause any nuisance, or which will interfere with the proper functioning, maintenance, or repair of the said *Sewer System*. No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, mar or tamper with any sewer or any of the appurtenances thereto or thereunto belonging.

- (e) No person shall discharge into any ditch, drain, creek, stream, or water course, any Sewage, other wastes, industrial wastes, petroleum products, coal, tar, or any refuse or substance arising from the manufacture or processing of material and products without first obtaining written permission to do so from the *Engineer* and the Medical Health Officer.
- (f) No person shall discharge into the *Sewer System* any water or wastes containing higher than ordinary concentrations or quantities of compatible pollutants, including but not limited to, biochemical oxygen demanding pollutants, suspended solids, pH and fecal material, may be required to discharge at a specific release rate or at a specified strength if, in the opinion of the *Engineer*, the release of such a waste in an uncontrolled manner could adversely affect proper handling and treatment in the *Sewer System*.
- (g) No person shall discharge into the *Sewer System* any storm waters, surface water, ground water, roof runoff or surface drainage or any water from air conditioning, cooling or condensing system into the *Sewage System*.
- (h) No person shall discharge into the *Sewer System* any waters or wastes generated during construction activities which may include but not limited to contaminated storm water, surface water, or groundwater and wells constructed for the purpose of lowering the groundwater table unless specifically authorized by the *Engineer*.
- (i) No person shall discharge into the Village Sanitary Sewage System detergents, surface-active agents, or other substances that may cause excessive foaming in the Village's sanitary sewerage system.
- (j) No person shall discharge into the Village Sanitary Sewer System grease, oils or other similar agents.
- (k) No person shall discharge any trucked waste or waste water into the *Sewer System* or Waste Water Treatment Plant.

## **20. ENFORCEMENT AND PENALTIES**

Every person who violates any of the provisions of this Bylaw, or who does any act which constitutes a violation of 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 neglects or refrains from doing anything required to be done by any of the provisions of the Bylaw shall be subject to a fine under the Bylaw Notice Enforcement Bylaw (BNEB).

**21. RIGHT OF ENTRY**

The Owner of every parcel of land and the occupier of every premises shall at all reasonable times allow, and permit the *Engineer* to enter into or upon lands and premises for the purpose of inspecting the premises and sewer pipes, drains, fixtures and any other apparatus used in connection with such *Sewer Connection* or plumbing system and to observe, measure, sample and test the quantity and nature of *Sewage* being discharged into the *Sewer System* in order to ascertain whether or not the provisions of this Bylaw are being obeyed.

**22. SCHEDULES**

- (a) Schedule A – Sanitary Sewer Commencement and Termination Fees
  - (b) Schedule A – Prohibited Waste, Restricted Waste and Specified Waste
  - (c) Schedule B – Restricted Wastes – Sanitary Sewer Discharges
- attached hereto and forming part of this bylaw.

**23. REPEAL**

- (a) The Corporation of the Village of Harrison Hot Springs Bylaw No. 612, Bylaw No. 971 and any reference to a sewer connection fee in Bylaw No. 940 are hereby repealed in their entirety.


**24. READINGS AND ADOPTION**

READ A FIRST TIME THIS 20<sup>th</sup> DAY OF JUNE, 2011


READ A SECOND TIME THIS 20<sup>th</sup> DAY OF JUNE, 2011

READ A THIRD TIME THIS 20<sup>th</sup> DAY OF JUNE, 2011

ADOPTED THIS 11 DAY OF JULY, 2011

  
\_\_\_\_\_

Mayor

  
\_\_\_\_\_

Corporate Officer

## Schedule "A"

## SANITARY SEWER COMMENCEMENT AND TERMINATION FEES

**SERVICE CONNECTION FEE:**

(1)Single Family Residential	\$ 800.00
(2)Multi-Family Residential	*Actual cost
(3)Commercial	*Actual cost
	(*shall be paid for each Service Connection with a minimum \$800.00 deposit)
<b>DISCONNECTION FEE:</b>	\$ 150.00

**SANITARY USER RATES****STANDARD USER RATES:****Annual**

Dwelling (per dwelling unit)	\$ 150.00
Hotel (per room)	\$ 86.00
Motel (per room)	\$ 86.00
Campground	
Per sewerred campsite (each)	\$ 59.70
Sewered sani-dumps (each)	\$ 59.70
Washroom Fixtures (each)	\$ 59.70
Church	\$ 140.00
Barbershop, Beauty Salon	\$ 354.30
Laundry	\$5,369.00

Coin Laundry (per machine)	\$ 37.60
Commercial Pool	\$2,193.80
Spa	\$ 880.50
Licensed Establishment (per seat)	\$ 14.40
Restaurant, Cafe (per seat)	\$ 14.40
School (per classroom)	\$ 172.00
Retail Establishment	\$ 140.00
Service Station	\$ 280.80
Office	\$ 140.00
Repair Shop	\$ 140.00
Storage/Maintenance Shop	\$ 100.00
Swimming Pools and/or Spa Pools that discharge water on a constant basis and are metered	\$ .41/m <sup>3</sup>

**SCHEDULE "B"****PROHIBITED WASTE, RESTRICTED WASTE AND SPECIFIED WASTE**

1. No person shall discharge directly or indirectly or deposit or cause or permit the discharge or deposit of wastewater into a sanitary sewer, Village of Harrison Hot Springs or private sewer connection to the sanitary sewer system in circumstances where:
  - (1) To do so may cause or result in:
    - (a) a health or safety hazard to a person authorized by the Village of Harrison Hot Springs to inspect, operate, maintain, repair or otherwise work on the Sanitary Sewer System;
    - (b) an offence under the *Provincial Environment Protection Act*, as amended from time to time, or any regulation made thereunder;
    - (c) wastewater sludge from the Wastewater Treatment Plant works to which either wastewater discharges, directly or indirectly, fail to meet the objectives and criteria as listed in the *Provincial Environment Protection Act*, as amended from time to time;
    - (d) interference with the operation or maintenance of the Sanitary Sewer System, or which may impair or interfere with any wastewater treatment process;
    - (e) a hazard to any person, animal, property or vegetation;
    - (f) an offensive odour to emanate from the Sanitary Sewer System, and without limiting the generality of the foregoing, wastewater containing hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia in such quantity as may cause an offensive odour;
    - (g) damage to the Sanitary Sewer System;
    - (h) an obstruction or restriction to the flow in the sanitary sewer system.
  - (2) The wastewater has 2 or more separate liquid layers.
  - (3) The wastewater contains:
    - (a) hazardous substances;
    - (b) combustible liquid;

(c) biomedical waste, including any of the following categories: human anatomical waste, animal waste, untreated microbiological waste, waste sharps and untreated human blood and body fluids known to contain viruses and agents listed in "Risk Group" as defined in "Laboratory Biosafety Guidelines" published by Health Canada, dated, 2004.

(d) specified risk material for bovine spongiform encephalopathy as defined in the federal Fertilizers Regulations (C.R.C., c. 666), as amended from time to time, including material from the skull, brain, trigeminal ganglia, eyes, tonsils, spinal cord and dorsal root ganglia of cattle aged 30 months or older, or material from the distal ileum of cattle of all ages.

(e) dyes or coloring materials which may or could pass through the Sanitary Sewer System and discolor the Wastewater Treatment Plant effluent;

(f) fuel;

(g) ignitable waste.

(h) pathological waste.

(i) PCBs.

(j) pesticides which are not otherwise regulated in this Bylaw.

(k) reactive waste.

(l) toxic substances which are not otherwise regulated in this Bylaw

(m) waste radioactive substances in excess of concentrations greater than those specified for release to the environment under the *Nuclear Safety and Control Act* and Regulations as amended from time to time.

(n) solid or viscous substances in quantities or of such size to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, cinders, sand, mud, soil, straw, shaving, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animal parts or tissues, and paunch manure.

**SCHEDULE "C"****RESTRICTED WASTES – SANITARY SEWER DISCHARGES****Table A - CONVENTIONAL CONTAMINANTS & PHYSICAL PARAMETERS**

<b>Substance</b>	<b>Concentration Limit - [mg/L, except as noted]</b>
Biochemical Oxygen Demand	500
Oil and grease - animal and vegetable	150
Oil and grease - mineral and synthetic/hydrocarbon	15
Total Suspended Solids	300
pH	5.5 – 9.5
Temperature	60 Degrees Celcius

**Table B – ORGANIC CONTAMINANTS**

<b>Substance</b>	<b>Concentration Limit – [mg/L, except as noted]</b>
Benzene	0.01
Chloroform	0.04
Dichlorobenzene (1,2-)	0.05
Dichlorobenzene (1,4)	0.08
Ethylbenzene	0.16
Hexachlorobenzene	0.0001
Methylene chloride (dichloromethane)	0.2
PCBs (chlorobiphenyls)	0.004
Phenols, Total (or Phenolic compounds)	0.1
Tetrachloroethane (1,1,2,2-)	1.4
Tetrachloroethane	1.0
Toluene	1.0
Trichloroethylene	0.02
Xylenes, total	0.04

**Table C - INORGANIC CONTAMINANTS**

<b>Substance</b>	<b>Concentration Limit – [mg/L, except as noted]</b>
Arsenic, total	1.0
Cadmium, total	0.2
Chromium, total	4.0
Cobalt, total	5.0
Copper, total	2.0
Cyanide, total	1.0
Lead, total	1.0
Mercury	0.05
Molybdenum, total	1.0
Nickel, total	2.0
Nitrogen, Total Kjeldahl	100
Phosphorus, total	10
Selenium, total	0.8
Silver, total	1.0
Sulphide (as H <sub>2</sub> S)	1.0
Zinc, total	3.0