



# **SANITARY SEWER**

**Bylaw No. 7897**

**CITY OF PRINCE GEORGE**

**BYLAW NO. 7897**

**A Bylaw to regulate the extension of and connections to the sanitary sewer system of the Municipality, to impose sewer connection fees, user rates and rentals for use of said sewers and to establish fees, rules and regulations for the disposal of industrial waste into the municipal sewerage system.**

**WHEREAS** the City of Prince George has constructed and is operating and maintaining a Sewer System as a municipal service of sanitary sewers for the benefit of residents of the Municipality;

**AND WHEREAS** Council deems it expedient that all lands or real property within the Municipality which require the service and is capable of being served by sanitary sewers, should be so served and connected to the Sewer System as soon as possible;

**AND WHEREAS** it is necessary from time to time to extend the Sewer System to provide the service to the residents of the Municipality;

**AND WHEREAS** it is deemed just that the cost of making such extensions to the Sewer System should not place any undue burden on the revenue of the Sewer System;

**AND WHEREAS** it is expedient to provide for the connection of sewers from houses and other buildings with the Sewer System and to regulate same;

**AND WHEREAS** there are components of sewage in varying concentrations which are or may be detrimental or costly to the operation and maintenance of the Sewage System and should be prohibited;

**AND WHEREAS** it is necessary to protect the waters within and adjacent to the Municipality from pollution and secure the health, safety and welfare of the residents of the Prince George area;

**AND WHEREAS** the discharge of uncontrolled or untreated industrial and other wastes into the Sewage System, and the cumulative impacts of any such discharge by an industrial user or combination of users, have an adverse impact on water quality, endanger the public health, safety and welfare and present a hazard to the functioning of sewerage facilities because such waste cannot be specifically identified in effluent reaching the City's facilities;

**NOW THEREFORE**, in open meeting assembled, Council of the City of Prince George **ENACTS AS FOLLOWS:**

**SECTION 1 - DEFINITIONS**

In this Bylaw:

- Applicant** means an owner or his agent, being a person authorized in writing to act on behalf of the owner, making application for a permit.
- Authorized Person** means the Director of Development Services of the City of Prince George, or a person designated to act in his or her place by name of office or otherwise.
- Biosolids** means a primarily organic solid product produced by wastewater treatment processes that can be beneficially recycled.
- BOD - Denoting Biochemical Oxygen Demand** means the quantity of oxygen utilized in the biochemical oxidation of organic matter as described in Standard Methods for the Examination of Water and Wastewaters, Current Edition) as amended from time to time, in five (5) days at 20 degrees Celsius expressed in parts per million by weight.
- Building Inspector** means the Building Inspector of the City of Prince George, or a person designated to act in his or her place by Council, by name of office or otherwise.
- Building Sewer** means a pipe, including manholes and inspection chambers, laid on private real property, connecting a service connection with a building or structure.
- Capable of Connection** in respect of a parcel of land, means a parcel
- (a) that abuts a highway, public right-of-way or easement; or
  - (b) under which there is a sewer and the service connection has required soil cover at the parcel boundary while maintaining drainage toward the sewer,
- and the building on the real property may be connected to the service connection by either a gravity building sewer or pump and forcemain.
- COD - Denoting Chemical Oxygen Demand** means the measure of the oxygen consuming capacity of inorganic and organic matter present in domestic or industrial wastewater as described in the Standard Methods for the Examination of Water and Wastewater, Current Edition, as amended from time to time.

<b>Composite Sample</b>	means, unless otherwise specified by the Authorized Person, a sample which is composed of equal portions of a specified number of Grab Samples collected at the same sampling point at specified time intervals during a specified sampling period.
<b>Construction Dewatering</b>	means the act of pumping groundwater or storm water away from an active construction site.
<b>Contaminated Non Process Wastewater</b>	<p>means any water which, during manufacturing or processing, comes into incidental contact with any raw material, intermediate product, finished product, by-product or waste product by means of</p> <ul style="list-style-type: none"><li>(a) rainfall runoff;</li><li>(b) accidental spills;</li><li>(c) accidental leaks caused by the failure of process equipment; or</li><li>(d) discharges from safety showers and related personal safety equipment</li></ul> <p>if all reasonable measures have been taken to</p> <ul style="list-style-type: none"><li>(a) prevent, reduce and control such contact to the maximum extent feasible, and</li><li>(b) mitigate the effects of such contact once it has occurred.</li></ul>
<b>Cooling Waste</b>	means the waste discharged from any use, such as air conditioning, cooling or refrigeration, or to which the only pollutant added is heat.
<b>Dilution</b>	means the prohibited practice of adding process water, or in any other way attempting to dilute a discharge as a partial or complete substitution for treatment to achieve compliance with pre-treatment standard requirements.
<b>Domestic Source</b>	means a source of septage discharge from a dwelling unit.
<b>Dwelling Unit</b>	means one or more rooms constituting a unit of living

		accommodation used or intended to be used for living and sleeping purposes and containing a sink and one cooking facility.
<b>Food Waste</b>		means solid wastes from the preparation, cooking and dispensing of food or from the handling, storage and sale of produce.
<b>Grab Sample</b>		means a single sample collected without consideration to the flow in the waste stream or without consideration of time.
<b>Highway</b>		has the meaning given by the <i>Community Charter</i> , as amended from time to time.
<b>Industrial Discharge</b>		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 City Sewerage System.
<b>Industrial User</b>		means a source of industrial, commercial or institutional discharge other than from a domestic source.
<b>Metered Accounts</b>		means those water accounts in respect of which the consumption is measured through a device commonly known as a water meter.
<b>Ministry</b>		that Ministry of the Provincial Government charged with environmental protection.
<b>Owner</b>		has the meaning given by the <i>Community Charter</i> , as amended from time to time.
<b>Parcel</b>		has the meaning given by the <i>Community Charter</i> , as amended from time to time.
<b>Person</b>		means and includes not only a natural person but also a firm, corporation or partnership, municipality, institution, association, society or other similar organization, agency or group.
<b>Pretreatment Treatment</b>	<b>or</b>	means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to or in lieu of discharging or otherwise introducing the pollutants into a publicly owned treatment plant.
<b>pH</b>		means the logarithm of the reciprocal of the weight of hydrogen ions in grams per litre of solution.

- Service Connection** means a pipe and any other material necessary to connect from a property parcel boundary to the sewer main.
- Sewage** means water carried wastes from residences, buildings, business premises, institutions and industrial establishments, and includes:
- (a) **Industrial Waste**, meaning the wastes from industrial, commercial and institutional processes; and
  - (b) **Sanitary Sewage**, meaning that portion of sewage that does not include **Industrial Waste**.
- Sewer** means a pipe including manholes and other appurtenances other than a service connection in the Sewer System.
- Sewer Extension** means any installation other than a service connection requiring the construction of a sanitary sewer on any highway, Municipal right-of-way or easement, from the most convenient existing sewer.
- Sewer System** means all sanitary sewerage works and appurtenances, including sewers, service connections, pumping stations, treatment plants, sewage lagoons and sewer outfalls laid in any highway, municipal right-of-way easement, or other City interest in real property.
- 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.
- Waste Discharge Permit** means a permit issued under Part 9 of this bylaw for the discharge of waste into a public sewer or private sewer discharging into a public sewer.

## SECTION 2 – DECLARATION OF POLICY

### 2.1 APPLICABILITY

This Bylaw applies to all users of the City's Sewer System.

### 2.2 AUTHORIZATION

The Bylaw authorizes the issuance of waste discharge permits, authorizes monitoring activities, requires user reporting and provides for the setting of fees for the equitable distribution of costs resulting from the Sewer System program.

**SECTION 3 – USE OF SEWER SYSTEM****3.1 ILLEGAL CONNECTIONS**

No person may connect, attempt to connect, allow to be connected, or allow to remain connected to the Sewer System any real property or building or structure except than in accordance with this Bylaw.

**3.2 BUILDING SEWER REQUIRED**

Despite Section 3.7, the owner of every parcel to which a service connection can or has been made, and on which a building or structure is situated, must connect the building or structure to the Sewer System by December 31st of the second calendar year following the year of installation of the service main. In the event of any such owner failing to make the necessary connection within thirty (30) days after being notified in writing by the Authorized Person, the Authorized Person may have the work done by City workers or others at the expense of the owner, and the City may recover the expense pursuant to S. 13.2 of this Bylaw. Despite the foregoing, an owner failing to connect a building or structure to the Sewer System within the period of thirty (30) days is also liable to the penalties provided by this Bylaw.

**3.3 NOTICE PROVIDED**

Notice in writing required to be given by the Authorized Person under this Section is sufficiently given if sent by express post to the owner at the address shown on the last revised Assessment Roll of the City.

**3.4 CONNECTION APPLICATION**

Each application for service connection must be made by the Applicant using the form prescribed for this purpose by the Authorized Person. The Applicant must, on making application, pay the City the applicable fees as prescribed by Schedule “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

**3.5 INDIVIDUAL CONNECTIONS**

Each property must have its own service connection which must be installed by the City. If two or more buildings or structures exist on one parcel and if the parcel can be subdivided, each building or structure must have a separate service connection.

**3.6 CONNECTION LOCATION**

New connections must be located at the center of the parcel. Exceptions to center of parcel servicing requirements will only apply to an industrial area, or a parcel located at the end of a highway where future extension is unlikely.

**3.7 COMPULSORY SERVICE CONNECTIONS**

If highway surface improvements by way of paving are scheduled for installation by the City, prior to the work being commenced, the Authorized Person may order that

a service connection be installed to any parcel abutting the highway and served by a sewer whether or not any improvement is constructed on the parcel, and a connection fee as provided in Schedule "A-9" of "City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004" will be then levied against the property and recovered pursuant to Section 7 of this Bylaw.

**3.8 TAMPERING WITH SEWER SYSTEM**

No person may make any connection to the Sewer System without first obtaining written permission from the Authorized Person.

**3.9 EMERGENCY ENTRY**

The Authorized Person may, in the event of an emergency or apprehended emergency as reasonably determined, enter onto lands or into buildings or structures authorized to be connected, in order to take such steps necessary to prevent, reduce or mitigate any risk to the Sewer System.

**3.10 DISCONNECTING ILLEGAL CONNECTIONS**

Any building or sewer connected to a service connection without a permit required under this Bylaw or any service connection connected to the Sewer System and discharging any sewage, substance or matter prohibited by this Bylaw, may be disconnected, stopped up and closed by the City or its agents at the direction of the Authorized Person and at the owner's sole cost.

**3.11 RATE OF DISCHARGE**

The rate or rates of discharge for various times of a twenty-four (24) hour period for any industry connected to the Sewer System, or any corporation, municipality or improvement district located outside the city limits and connected to the City's sewer system, must not exceed the extra capacity of the Sewer System after all the other regular users have been accommodated. Such industries, corporations, municipalities or improvement districts must install and maintain, on their own real property, such holding facilities, pumps, valves, flow regulating and measuring devices as may be required pursuant to reasonable engineering practices and standards to ensure the specified flow rates are not exceeded.

**3.12 INTERCEPTORS**

An interceptor is required for every Industrial User for the handling of liquid waste containment grease in excessive amounts, or any flammable wastes, sand, grit, or other harmful ingredients, except the interceptor is not be required for dwelling units. An interceptor must be so located as to be readily and easily accessible for cleaning and inspection. An interceptor must be maintained by the owner of the industrial parcel at his or her expense in continuously efficient operation at all times.

**3.13 SAMPLING CHAMBERS**



The owner of each industrial enterprise or premises required under Section 9 of this bylaw to obtain a permit to connect to the Sewer System must provide for a sample chamber or similar means of inspection to facilitate operation, sampling and measurement of the wastes or sewage emanating therefrom. A sampling chamber must be located on a highway unless required otherwise by the Authorized Person and must be installed so that flow measuring and sampling equipment and a shutoff gate or a screen can be conveniently installed by the City. An Industrial User must obtain, install, operate and maintain, at its own expense, an automatic sampler or analyzer or flow measurement device in order to monitor Industrial Waste discharges.

#### 3.14 MEASUREMENT AND TESTING

All measurements, tests and analysis of the characteristics of industrial waste, sewage or water to which reference is made in this Bylaw will be determined in accordance with the current edition of the "Standard Method of the Examination of Water and Sewage", as amended, of the American Public Health Association, and shall be determined at the sampling chamber provided for in Section 3.13 of this Bylaw, or on suitable samples taken at the sampling point. In the event that no special sampling chamber has been required, the control manhole will be considered to be the nearest downstream manhole in the sewer from the service connection point.

### SECTION 4 – DISCHARGE STANDARDS AND LIMITATIONS

#### 4.1 DILUTION

No Industrial User may increase the use of process water, or in any way attempt to dilute a discharge, as a partial or complete substitute for adequate treatment to achieve compliance with an applicable pretreatment standard or requirement.

#### 4.2 PROHIBITED DISCHARGES

No person may discharge or permit to be discharged into any pipe, main, conduit, manhole, street inlet, gutter or aperture draining into the sanitary sewer system:

- (a) **Flammable or Explosive Materials:** flammable liquids, solids or gaseous substances capable of causing, contributing to explosion or supporting combustion in any sewerage facilities, including but not limited to gasoline, benzene, naphtha, alcohol, fuel oil, solvents or acetone;
- (b) **Substances that can cause Obstruction:** any solid or viscous substance or particulates in quantities, either by itself or in combination with other wastes, that are capable of obstruction of flow or of interfering with the operation or performance of sewer works or treatment facilities;

- (c) **Gaseous producing substances:** any gas or substance that either by itself or by interaction with other wastes is capable of creating a public nuisance or hazard to life or of preventing entry by authorized personnel to the Sewer System;
- (d) **Corrosive substances:** any gas or substance that either by itself or by interaction with other waste may cause corrosive structural damage to the Sewer System;
- (e) **Toxic waste:** any sewage, waters, or wastes containing toxic or poisonous substances in sufficient quantity to injure or interfere with any sewage treatment process, or constitute a hazard to humans or animals, or create any hazard in the receiving waters of the effluent from sewage works or sewage treatment plant;
- (f) **High Temperature:** heat in amounts that result in an interference in the treatment process or of preventing entry by authorized personnel to pump stations or sewerage facilities, and this prohibition includes but is not limited to heat in such quantities that the temperature of the treatment works influent exceeds 40°C (104°F) or the temperature exceeds 65°C (150°F) at the point of discharge from the industrial source to the Sewage System;
- (g) **High Strength Wastes:** any water or wastes containing higher than ordinary concentrations or quantities of conventional 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 the release of such a waste in an uncontrolled manner could adversely affect proper handling and treatment in the Sewer System;
- (h) **Unpolluted water:** any storm waters, surface water, ground water, roof runoff or surface drainage; any industrial cooling water; any water from air conditioning, cooling or condensing systems;
- (i) **Construction Dewatering Waste:** any waters or wastes generated during construction activities which may include but not be 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 Authorized Person;
- (j) **Excessive Foaming Waste:** detergents, surface-active agents, or other substances that may cause excessive foaming in the Sewer System;
- (k) **Special Waste:** any waste, liquid or material classified as a "Special Waste"

pursuant to the provisions and regulations of the Provincial *Waste Management Act*, as amended :

- (l) **Septic Tank Waste:** sludge or deposit contained in septic tanks that have been or are to be decommissioned upon connection being made from the premises where a septic tank exists to a sewer connection;
- (m) **Odorous Wastes:** any noxious or malodorous substance in any quantity capable of creating a nuisance;
- (n) **Food Waste:** any food waste containing particles larger than 0.5 centimetres in any direction;
- (o) **Radioactive Waste:** any radioactive waste or sewage that, at the point of discharge into a sewer, exceeds the recent radioactivity limitations established by the Atomic Energy Control Board of Canada;
- (p) **pH Waste:** any non-domestic waste, which, at the point of discharge into a sewer, has a pH lower than 5.0 or higher than 9.5 as determined by a grab sample of the discharge;
- (q) **Specified Waste:** any non-domestic waste which, at the point of discharge into a sewer, contains any substance, in a combined or uncombined form, with a concentration in excess of the levels set out in Schedule "A"; all concentrations are expressed as total concentrations, which include both the dissolved and undissolved substances.

## SECTION 5 – SEWER SYSTEM EXTENSIONS

### 5.1 EXTENSION REQUIREMENT

A sewer main extension is required when a proposed service terminus is more than 20 meters away from its point of connection to the sewer main.

### 5.2 EXTENSION APPLICATION

Every application for Sewer System extension must be made in writing to the Authorized Person by the Applicant in respect of the real property to be served by the system extension.

### 5.3 UN-DESIGNATED EXTENSIONS

If an Applicant wishes to proceed with a Sewer System extension which has not been designated by Council the Applicant must pay the City in advance, the total cost of construction costs and applicable administration fees as estimated by the Authorized Person. The final cost to the Applicant of the Sewer System extension will be the actual construction costs of the City plus applicable administration fees

as set out in Schedule “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

**5.4 CONNECTION COSTS TO BE ADDED**

The service connection costs for each parcel owned by the Applicant to be served by the extension will be as set out in Schedule “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”, and added to construction costs.

**5.5 SURPLUS OVER COST**

As soon as any surplus is achieved over cost, the said surplus shall be used to pay the regular user rates for sewer of all real property connected to the sewer extension. The following conditions shall apply to all extensions made in this manner:

- (a) There will be no cash refunds.
- (b) Rebate charges area will be deemed to be continuous regardless of any vacancy.
- (c) The sewer so extended shall at all times be the property of the City.
- (d) The City may further extend any such sewer without reference or rebate to any persons.
- (e) The sewer extension may be constructed by the City or its agent.

**5.6 EXTENSION SPECIFICATIONS**

If a sewer is extended, the minimum inside diameter must be two-hundred millimeters (200 mm) and must 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 center of the parcel to permit parcel servicing or an alternate location on the parcel pursuant to Section 3.6 of this Bylaw.

**5.7 COSTS SHARABLE FOR OVERSIZE EXTENSIONS**

Subject to the excess or extended services provisions of the *Local Government Act*, if any sewer is extended and if the City wishes to install a sewer of greater capacity than is required to provide service to the lands for which application for an extension has been made, and if such excess capacity will be available to permit further extension beyond the boundaries of the land to be immediately served thereby, the City will pay the difference in cost of installation between the actual cost of sewer installation with the excess capacity and the estimated cost of a two-hundred fifty millimeter (250 mm) sewer and the depth that would otherwise be required to service the property. Costs of the foregoing will be determined in

accordance with Section “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

## **SECTION 6 – BUILDING SEWERS**

### **6.1 CONNECTION APPROVAL**

The Authorized Person may, after reviewing the proposed development and site services layout, approve the installation of a Service Connection.

### **6.2 BUILDING BYLAW COMPLIANCE**

Sewer Services must be installed in accordance with the City’s Building Bylaw and this bylaw, and must be constructed at the sole expense of the owner. Any fittings required to join the City’s pipe to the applicant’s building are also the owner’s responsibility.

### **6.3 CONNECTION TO SERVICE CONNECTION**

Every service connection must be installed by the City prior to installation of the Building Sewer and connection of the Building Sewer to the service connection by the owner. The City is not responsible to meet the elevation or connect to an existing Building Sewer installed by the owner prior to installation of the service connection.

### **6.4 MAINTENANCE AT OWNER’S EXPENSE**

The Building Sewer must be maintained at the sole expense of the owner of the real property on which the Building Sewer is located.

### **6.5 BLOCKAGES**

If any sewer or service connection becomes stopped or otherwise fails to function, the owner or occupier of the real property affected must first determine whether the blockage is located in the Building Sewer and then notify the Authorized Person forthwith and the Authorized Person may, as soon as practicable, arrange to have said sewer or service connection unstopped or otherwise restored to serviceable condition.

### **6.6 COSTS PAYABLE ON DEMAND**

If any stoppage or failure is found to exist in the service connection or sewer and where the stoppage or other failure is found to have been caused by the act or neglect of the owner or occupier of the real property affected, all costs incurred by the City in restoring service and unstopping the sewer or service connection must be paid by the owner or occupier on demand. If said costs remain unpaid on the thirty-first day of December of the year in which such work is done, the City shall be able to recover these costs in accordance with Section 13 of this Bylaw.

### **6.7 ABANDONMENT**

If any building sewer is abandoned, the owner or agent must notify the Authorized Person and the owner must effectively block up the building sewer at a location at or near the connection point of the building sewer and service connection with an approved watertight seal. The owner must provide the Authorized Person 48 hours written notice of abandonment.

**6.8 DEPTH**

Where practicable as governed by the depth of the sewer, the minimum depth of the service connection at the property line must be two meters (2.0 m). The service connection will be installed with sufficient depth to provide natural drainage from the lowest floor of any building or structure.

**SECTION 7 – CHARGES FOR SERVICE**

**7.1 CONNECTION FEE**

The Applicant must, on making application for a service connection, pay to the City the applicable connection fee prescribed in Section “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

**7.2 FEES ADDED TO TAXES**

Connection fees not paid on or before the thirty-first day of December in any year will be deemed to be taxes in arrears in respect of the parcels of land served by the service connections and such sum recoverable as such, pursuant to Section 13 of this Bylaw.

**7.3 FEE WAIVED**

If service connections were provided and prepaid to any parcel existing at the date of this Bylaw, the connection fee payable by any Applicant of such parcel pursuant to this Bylaw will be waived. This section does not apply to any parcel of land created by subdivision where such connection fee was not prepaid, or to the additional costs payable by any Applicant for additional service connections or for a service connection exceeding one-hundred millimeters (100 mm) in diameter.

**7.4 USER RATE**

The owner or occupier of real property in the Specified Area established by City specified area bylaws as amended from time to time must pay, in addition to all other rates, charges and fees for the use of the sewer works, the amounts specified in Schedule “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”. The rates enumerated in Schedule “A-9” of Bylaw No. 7557 and all other fees and penalties are hereby imposed and levied by the City and all such monies are payable at the office of the City on or before the date specified in the Schedules and the Bylaw and form a charge on the real property

to or on which the service connection is made and if the rates, penalties and fees imposed during any one calendar year remain unpaid after the thirty-first day of December, they must be entered on the tax roll as taxes in arrears and collected in the same manner as municipal taxes, pursuant to Section 13 of this Bylaw. The user rates as specified will be applied on the date the water turn on or turn off is made and in the case of unmetered accounts the rate charged for the first and final billing period will be prorated to the nearest full month of service.

#### 7.5 **EXTRA TREATMENT CHARGES**

If discharge of any water, sewage or wastes exceeds the limits for the B.O.D. and total suspended solids as set out in Schedule "A" of this Bylaw, an extra treatment charge must be paid as set out in Section "A-9" of "City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004" for that portion of the discharge in excess of the prescribed limit.

### **SECTION 8 – INSPECTION/SAMPLING**

#### 8.1 **RIGHT OF ENTRY**

Subject to the *Community Charter* as amended and Section 3.9 of this Bylaw, the Owner of every parcel and the occupier of every building or structure must at all reasonable times allow, suffer and permit the Authorized Person to enter into or on 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.

#### 8.2 **INSPECTION**

Building sewers and their connection to the City sewer must pass inspection by the Building Inspector prior to any discharge to the City Sewer.

### **SECTION 9 – RESPONSIBILITIES OF INDUSTRIAL USERS**

#### 9.1 **WASTE DISCHARGE PERMITS**

Each person discharging or proposing to an industrial discharge into a public sewer, private sewer, or side sewer tributary to the City Sewerage System will be required to secure a written discharge permit unless the Authorized Person has determined that a permit is not required.

#### 9.2 **NEW DISCHARGES**

Every person proposing an industrial discharge but not holding a valid waste discharge permit must apply to secure a waste discharge permit unless the Authorized Person has determined that a permit is not required. Application to the City must be made for permits at least sixty (60) days prior to beginning of

discharge.

**9.3 CHANGE IN EXISTING DISCHARGE**

Every person with an existing permit or written discharge authorization proposing to make a change in an existing industrial waste discharge which will substantially change the volume of flow or the characteristics of the waste or establish a new point of discharge, must apply for a new waste discharge permit thirty (30) days prior to making the change.

**9.4 WASTE DISCHARGE PERMIT**

Waste discharge permits and written discharge authorizations shall remain in effect for the period specified in the permit. Discharge permits are issued for a period of three (3) years unless indicated otherwise by the Authorized Person. Existing Waste Discharge Permits may be canceled or revised by the Authorized Person on one year's written notice from the Authorized Person if required to comply with new Provincial or Federal Environmental enactments.

**9.5 DISCHARGE LIMITS AND SPECIAL CONDITIONS**

Waste discharge permits are issued with conditions to demonstrate compliance, comply with applicable federal, provincial and local enactments and prevent violations of this Bylaw. Such conditions may include but shall not be limited to sampling chamber installation requirements, discharge limitations and standards, sampling program requirements, spill control measures, accidental spill prevention plans, sludge control plans, monitoring requirements, maintenance requirements, installation of monitoring equipment, record-keeping requirements, reporting requirements, federal and provincial requirements, installation of sampling sites, flow restrictions, engineering reports, solvent management plans and special studies to evaluate discharge limits or compliance status.

**9.6 CONTROL OF DISCHARGE**

It is the responsibility of every Industrial User to control the discharge of Industrial Waste into a public sewer, private sewer or side sewer tributary to the Sewer System in compliance with this bylaw and the requirements of a waste discharge permit or written discharge authorization issued under the provisions of this Bylaw.

**9.7 NOTIFICATION OF DISCHARGE**

Every person becoming aware of the discharge of regulated substances, spills or sludge discharges directly or indirectly into a public sewer, private sewer, or side sewer tributary to the Sewer System must report the discharge immediately to the City. This notification must include the location of discharge, type of waste, concentration and volume, if known, and any corrective actions taken.



### 9.8 **RECORDKEEPING**

Industrial Users with permits must maintain records relating to discharges to the Sewer System. The records must include, but are not limited to, routine maintenance, waste disposal dates, manifests and disposal records for accumulated wastes, self-monitoring reports, analytical lab results, dates and times of sample collection and batch discharges, pH and equipment calibration log books, pH monitoring records, and flow records and must be retained for a minimum of five (5) years and be subject to review by the Authorized Person.

## **SECTION 10 – PERMIT FEES**

### 10.1 **ADMINISTRATION FEES**

The charges for permit administration are as set out in Section “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

### 10.2 **HIGH STRENGTH SURCHARGE**

The surcharge for high strength industrial wastes is based on:

- (a) treatment or removal costs of those constituents which contribute to the costs of operation and maintenance of the City's treatment system. The constituents presently in this category are biochemical oxygen demand (BOD) and total suspended solids; and
- (b) the average strength and volume of discharge by the industrial user.

The applicable fees are set out in Section “A-9” of “City of Prince George Comprehensive Fees and Charges Bylaw No. 7557, 2004”.

## **SECTION 11 - VIOLATIONS**

### 11.1 **DISCHARGE VIOLATIONS**

A violation occurs if those limitations established under Part 4 of this Bylaw, or specific requirements of waste discharge permit, written discharge authorization of any other pretreatment standards are exceeded, regardless of intent or accident.

### 11.2 **REPORTING VIOLATIONS**

A violation occurs if special reporting requirements established by permit, or by written request of the Authorized Person, are not complied with.

## **SECTION 12 – PENALTIES AND ENFORCEMENT**

### 12.1 **MONETARY PENALTIES**

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 or in violation of any of the provisions of this bylaw or who neglects to do or refrains from doing anything required to be done pursuant to any of the provisions of this bylaw, or who does

any act which violates any of the provisions of this bylaw, is guilty of an offence and each day during which such violation occurs or is allowed to continue constitutes a separate offence.

Every person guilty of an offence under this bylaw is liable under summary conviction to a penalty of up to \$10,000.00 for each offence, but not less than \$1000.00 per violation. Issuance of a monetary penalty does not preclude the City from taking any other action against the user including recovery of costs.

#### 12.2 **POST-VIOLATION INSPECTIONS AND SAMPLING**

Upon determination that a violation has taken place, the Authorized Person may require post-violation inspection and sampling of an industrial user. Costs for post-violation inspection and monitoring are in addition to other fees, penalties and costs for damages, and will be the sole responsibility of the Owner.

#### 12.3 **SPECIFIED AREAS**

This Bylaw shall be in effect only in those areas of the City which may, from time to time, by bylaw, pursuant to *Community Charter*, as amended, be specified for the provision of sanitary sewer service.

### **SECTION 13 – DELINQUENT FEES, CHARGES AND COSTS**

#### 13.1 **FEES AND CHARGES ADDED TO TAXES**

Pursuant to Section 258 of the *Community Charter* as amended from time to time and subject to the time limits provided in this Bylaw, fees and charges levied, assessed or imposed under this Bylaw, if unpaid by December 31 in the year in which such fees and charges were levied, assessed or imposed, are deemed to be taxes in arrears.

#### 13.2 **PENALTY FOR FAILING TO CONNECT**

With reference specifically to the costs levied pursuant to Section 3.2 of this Bylaw, the City may recover the expense of such a connection with interest at a rate of prime plus two per cent (2%) per annum with costs pursuant to Section 13.1 of this Bylaw.

### **SECTION 14 - REPEAL**

14.1 “Sanitary Sewer Bylaw 2704, 1975” and all amendments thereto are hereby repealed.

### **SECTION 15 - CITATION**

15.1 This Bylaw may be cited for all purposes as "City of Prince George Sanitary Sewer Bylaw No. 7897, 2006".

READ A FIRST TIME THIS THE **2nd** DAY OF **OCTOBER** , **2006**.

READ A SECOND TIME THIS THE **2nd** DAY OF **OCTOBER** , **2006**.

READ A THIRD TIME THIS THE **2nd** DAY OF **OCTOBER** , **2006**.

First Three Readings passed by a **unanimous** decision of Members of City Council present and eligible to vote.

ADOPTED THIS THE **20th** DAY OF **NOVEMBER, 2006,** BY A  
**UNANIMOUS** DECISION OF ALL MEMBERS OF CITY COUNCIL  
PRESENT AND ELIGIBLE TO VOTE.

                     Debora Munoz  
ACTING MAYOR

                     Don Schaffer  
CLERK

**SCHEDULE "A"**  
**SPECIFIED WASTES**

Substance	Expressed as	24 Hour Composite Concentration in milligrams per litre	Grab Sample Concentration in milligrams per litre
Aluminum	Al	50	100
Antimony	SB	5	10
Arsenic	As	1.0	2.0
BOD	-	500	500
Boron	B	50.0	100.0
Cadmium	Cd	0.2	0.4
Chromium	Cr	2.0	4.0
Chlorophenol	-	0.05	0.1
Cobalt	Co	5.0	10.0
Copper	Cu	2.0	4.0
Cyanide	CN	1.0	2.0
Iron	Fe	50	100
Lead	Pb	1.0	2.0
Manganese	Mn	5.0	10.0
Mercury	Hg	0.05	0.10
Molybdenum	Mo	1.0	2.0
Nickel	Ni	2.0	4.0
Oil & Grease (Animal)	-	150	300
Oil & grease (Petroleum)	-	15	30
Phenols	-	1.0	2.0
Selenium	Se	0.1	0.2
Silver	Ag	1.0	2.0
Sulphate	SO <sub>4</sub>	1500	3000
Sulphide	S	1.0	2.0
Tin	Sn	3.0	6.0
TSS	-	500	500
Zinc	Zn	5.0	10.0