

SANITARY SEWER AND STORM DRAIN BYLAW

Bylaw No. 1702 and amendments thereto

CONSOLIDATED FOR CONVENIENCE ONLY

This is a consolidation of the bylaws listed below. The amending bylaws have been consolidated with the original bylaw for convenience only.

Certified copies of the original bylaws should be consulted for all interpretations and applications of the bylaws on this subject.

<u>BYLAW NO.</u>	<u>ADOPTED</u>
1702	December 19, 1995
1765	May 14, 1996
1775	September 3, 1996
1817	February 4, 1997
1823	February 18, 1997
1883	February 17, 1998
1994	May 2, 2000
2007	February 6, 2001
2024	May 8, 2001
2078	May 7, 2002
2118	May 6, 2003
2166	April 20, 2004
2221	May 3, 2005 (Repealed by 2278)
2278	April 18, 2006 (Repealed by 2315)
2315	April 3, 2007 (Repealed by 2364)
2364	April 15, 2008 (Repealed by 2411)
2411	April 7, 2009
2449	March 16, 2010
2490	May 3, 2011

The bylaw numbers in **bold** at the end of the clause refer to the bylaws that amended the principal bylaw.

SANITARY SEWER AND STORM DRAIN BYLAW

Consolidated Copy - Bylaw No. 1702 and amendments

A Bylaw to Regulate Connections to the Sanitary Sewer and Storm Drain Systems, to Impose Connection Fees, and to Impose a Charge for the Use of the Sanitary Sewer System.

WHEREAS the Municipality has constructed and operates and maintains a system of sanitary sewers and a system of drainage works;

AND WHEREAS it is deemed desirable and expedient to provide for the connection of sanitary sewers and storm drains from houses and other buildings with the public sanitary sewers and storm drains, and to regulate same;

AND WHEREAS it is necessary to impose a charge against the owner or occupier of real property for the use of the sanitary sewer system;

NOW THEREFORE the Council of The Corporation of the District of Pitt Meadows in, open meeting, ENACTS AS FOLLOWS:

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CITATION

Citation

1. This Bylaw may be cited as the "**Sanitary Sewer and Storm Drain Bylaw No. 1702, 1995**".

INTERPRETATION

Interpretation

2. In this Bylaw:

"Collector" means the Collector of the Municipality duly appointed by the Council pursuant to the provisions of the *Municipal Act*;

"commercial premises" means all land and premises, on or within which, any interchange of commodities, or any dealing or trading in any article of commerce or other thing is carried on as a business, and shall include all premises in which any service, professional or otherwise is provided, given or made available and for which any fee, charge, rent or commission is payable, and without limiting the foregoing shall include hotels, lodging houses, boarding houses, office, theatres, or bowling alleys, billiard rooms, places of entertainment or amusement, tent camping grounds and dependent mobile homes;

"commercial unit" means any business which is operated separately from any other business on or within commercial premises;

"condominium" means the land and any building composed of strata lots as defined in the *Condominium Act*, being Chapter 61 of the Revised Statutes of British Columbia, 1979;

"Council" means the Municipal Council of the Municipality;

"Director" means the Director of Engineering and Development Services of the Municipality, duly appointed as such by the Council and shall include his duly appointed assistants and representatives;

"dwelling unit" 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 cooking facilities, but excludes in-law suites registered with the municipality;
(Bylaw No. 1765)

"flushing unit" means a plumbing fixture from which waste is discharged by means of a flushing tank or valve and shall include urinal;

"institutional premises" or "institution" means all land and premises used as a private hospital, private nursing home, home for the aged or infirm, home for poor or destitute persons or children, private school, university or other institute used for educational purposes, public library, church, church hall, premises used for public worship, and Federal Provincial and Municipal Government buildings;

"mobile home space" means an area of land within a Mobile Home Park which is designed, designated and equipped for the accommodation of one independent mobile home, the use of which shall be limited to accommodate the residential needs of a single family;

"*Municipal Act*" means the *Municipal Act* of the Province of British Columbia, being Chapter 255 of the Revised Statutes of British Columbia, 1960, and amendments thereto;

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"Municipality" means The Corporation of the District of Pitt Meadows;

"owner" shall have the meaning assigned to it by section 2 of the *Municipal Act*;

"person" means and shall include not only a natural person but also a corporation, firm or partnership;

"sanitary building sewer" means the sanitary sewer pipe extending from the property line of the property concerned to the building situated thereon, and joining the sanitary sewer connection to the plumbing system at the building;

"sanitary sewer" means the sanitary sewer system under the control of the Municipality and which is intended and used for the collection, conveyance and disposal of sewage;

"sanitary sewer connection" means the sanitary sewer pipe extending from the street sanitary sewer to the property line of the property being served or about to be served;

"sewage" means water-carried wastes from residences, business buildings, institutional and industrial establishments, and shall include industrial waste and sanitary sewage, meaning that portion of sewage exclusive of industrial wastes;

"sewer" means a pipe, including manholes and other appurtenances other than the service connections, in the sewer system, which carries sewage and to which storm, surface and ground waters shall not be admitted;

"sewer system" means all sanitary sewerage works and all appurtenances thereto, including sewer mains, service connections, pumping stations, treatment plants, sewage lagoons and sewer outfalls laid within any highway, municipal right-of-way or easement or municipal property and owned, controlled, maintained and operated by the Municipality; "sewer system" shall not include "storm sewer";

"storm drain" means a storm drain under the control of the Municipality which is intended and used for the impounding, conveying and discharging of surface and other waters, but excludes sewage and industrial waste other than unpolluted cooling water.

"storm building drain" means the storm drain pipe extending from the property line of the property concerned to the building situated thereon and joining the storm drain connection to the storm water disposal system at the building;

"storm drain connection" means the storm drain pipe extending from the street storm drain to the property line of the property being served or about to be served;

"Subdivision Bylaw" means Bylaw No. 1674, cited as the "Subdivision Bylaw", and all amendments thereto.

PART 1

SEWER AND STORM CONNECTIONS

Property to be Connected

3. (1) If a parcel of land, upon which there is situated a building occupied or used by one or more persons, abuts a street, lane, or right-of-way upon or under which there is laid a sanitary sewer, or if such parcel of land is within 45 metres of such sanitary sewer, the owner or occupant of such parcel shall connect or cause to be connected the said lands and premises with the sanitary sewer in the manner provided by this Bylaw.
- (2) If a parcel of land abuts a street, lane or right-of-way upon which there is laid a storm drain or if such parcel of land is within 45 metres of such storm drain, the owner or occupant of such parcel of land shall connect or cause to be connected the said land and premises with the storm drain in the manner provided by this Bylaw; provided that a connection shall not be required if the Director is satisfied that an effective alternate method for the disposal of storm water is available and is being utilized

Application for Connection

4. (1) Before any connection is made the owner or occupier of the land and premises in question or his agent shall make application at the office of the Director, in the form of Schedule "A", attached hereto and made a part of this Bylaw, for a permit to connect the said lands and premises to the sanitary sewer or storm sewer, as the case may be.
- (2) The application shall be accompanied by the applicable connection charge, or estimate thereof if actual costs are to be charged, in accordance with Schedule "B", attached hereto and made a part of this Bylaw.
- (3) The issuance of a permit to connect building sewers in excess of 150mm (6 inches) in diameter to the sanitary sewer or storm drain, as the case may be, shall be conditional upon the determination of the capacity of the sanitary sewer or storm drain. No such connection shall be permitted, if in the opinion of the Director, the sanitary sewer or storm drain is incapable of carrying away the wastes emanating from the lands and premises.
- (4) Separate fees shall be payable for connections to the sanitary sewer system and storm drain system.
- (5) Where a storm drain system is being provided as a work of local improvement, one connection shall be provided to each property liable to be specially charged for the work of local improvement without payment of the connection fee specified herein.

Where Connection Not Possible

5. Where it is not possible to grant an application for a connection to the sanitary sewer system or storm drain system or where it would be contrary to good engineering practice so to do, the applicant shall be so informed together with the reasons therefor and any fee deposited according to section 4 of this Bylaw shall be forthwith repaid to the applicant.

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Connection to be Made

6. Upon receipt of the application to connect to the sanitary sewer system or storm drain system and of the fee required under section 4 hereof, the Director shall cause to be laid (unless already laid) a sewer connection extending from the sanitary sewer system or storm drain system to the applicant's property line. Thereupon the owner shall connect his sanitary building sewer or storm building sewer, as the case may be, to the sewer or storm connection provided, in accordance with the regulations contained herein.

No Tampering

7. (1) The connection fee deposited in accordance with section 4 above, does not embrace works within the property of the applicant, except as to the inspection of the applicant's sanitary building sewer or storm building sewer.
- (2) No person, other than the Municipality, its employees or its contractors shall install or cause to be installed any part of the sewer connection on any public highway or right-of-way or in any way, to break, interfere or tamper with any sanitary sewer system or storm drain system of the Municipality.

Inspection

8. Every person who makes application under this Bylaw shall allow, suffer, and permit any person authorized by the Municipality (either generally or in any particular instance) to enter in and upon the premises set forth in the said application, for the purpose of inspecting sewer or storm drain systems of the said premises. Every owner shall keep the sanitary building sewer or storm building sewer on his land in good order and repair.

Failure to Connect

9. (1) In case any owner or occupier of lands and premises which are required to be connected to the sanitary sewer system or storm drain system pursuant to section 3 of this Bylaw, shall fail or neglect to connect the said lands and premises to the sanitary sewer system or storm drain system in the manner prescribed by this Bylaw, the Director may serve on the owner a Notice stating that the said owner shall forthwith comply with all provisions of this Bylaw and that the connection of this sanitary building sewer or storm building sewer, as the case may be, shall be completed in accordance with this Bylaw within Thirty (30) Days of the date of mailing of such Notice.
- (2) Service of such Notice shall be deemed to be made and completed upon the District Clerk of the Municipality mailing such Notice by registered mail to the owner at his last address according to the current tax roll of the Municipality. The failure of the owner to comply with the said Notice shall constitute an infraction of this Bylaw and the said owner shall be subject to the remedy provided in Section 10 hereof AND to the penalties provided in section 25 hereof.

Municipality to Make Connection

10. (1) After the expiration of the thirty (30) day period referred to in section 9 above, the Municipality may enter upon the property of the said owner and cause the connection to be made.

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- (2) The total cost and expense of making the connection, including the cost of installing the sanitary building sewer or storm building sewer, as the case may be, and the sewer connection shall be charged against the owner of the property as follows: a Certificate of the cost entailed in making the said connection shall be prepared by the Director of Engineering & Development Services and filed with the Director of Finance of the Municipality, and the provisions of Section 377 of the *Municipal Act*, shall apply thereto.

Septic Tanks

11. Within thirty (30) days of completion of a sanitary sewer connection an existing septic tank on the premises, lot, or parcel shall be completely pumped out and filled with sand or gravel to the satisfaction of the municipal building inspector or his delegate. The septic tank pumpage shall be disposed of in an approved manner.

Prohibited Connections

12. (1) Nothing in this Bylaw shall be construed to permit the connection of storm, surface or ground water to the sanitary sewer system. The connection, either directly, or indirectly, or roof leaders, foundation drains, field drains, sumps or other collectors of surface ground water to the sanitary sewer system is not permitted.
- (2) The owner of any property who connects, permits or causes to be connected any such storm, surface, or ground water from his premises or property to the sanitary sewer system shall be guilty of an infraction of this Bylaw.
- (3) Nothing in this Bylaw shall be construed to permit the introduction of sewage effluent into the storm drain system. The connection, either directly or indirectly, of sanitary building sewers or any other collectors of sewage effluent to the storm drain system is not permitted.
- (4) The owner of any property who connects, permits or causes to be connected any such collection system from his premises or property to the storm drain system shall be guilty of an infraction of this Bylaw.

Prohibited Substances

13. No gasoline, naphtha, or other inflammable liquid or explosive substance, and no grease, oil, lye, free acid, mud, grit, plaster of paris, lime, clay or any other trade or industrial waste which may injure, or impair the efficiency or safety of the sanitary sewer system or storm drain system, through deposits forming in same or owing to the attacking and weakening of such sanitary sewer or storm drain, shall be discharged into any sanitary sewer system or storm drain system within the Municipality.

Noxious Wastes - Protective Devices

14. In the case of any commercial or industrial premises where there exists a possibility that such noxious wastes as are described in section 13 of this Bylaw may be discharged into the sanitary sewer system or storm drain system, as permit to connect to the sanitary sewer or storm drain shall not be issued until the Director has examined fully and approved the layout and design of

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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 system or storm drain system.

Minimum Diameter

15. The minimum diameter of every sanitary building sewer shall be 100mm (4 inches) & for storm building sewer shall be 150mm (6 inches).

Separate Connections

16. Each building must be separately and independently connected with the sanitary sewer system or storm drain system, providing however, that where two or more buildings are situated on the same building lot, one connection with respect thereto may, with the approval of the Director, be permitted.

Building Sewers - By Owner, Under Subdivision Bylaw

17. All sanitary building sewers and storm building sewers from houses and other buildings shall be installed by and at the cost of the owner and shall be constructed of material as outlined in the Subdivision Bylaw and shall apply.

Building Sewers - Specifications

18.
 - (1) The sanitary building sewer or storm building sewer, as the case may be, shall be laid to an even slope of not less than 0.20cm (1/4 inch) per metre in the direction of flow in the case of 100mm (4 inch) lines, and not less than 0.10cm (1/8 inch) per metre in the case of 150mm (6 inch) lines.
 - (2) The pipe shall be laid not less than 450mm (18 inches) below the finished surface of the ground, as measured to the top of the pipe. In cases where there may be heavy loads over the pipe, the Municipality may require additional bedding or cast iron pipe.
 - (3) The pipe shall be laid concentric to each adjacent pipe and the joints shall be flush, even and free of any internal obstruction.
 - (4) Couplings shall be installed in accordance with the manufacturer's specifications.
 - (5) Where the sanitary building sewer or storm building sewer is laid over filled ground or in ground which may be subject to settling, the Director may require that cast iron soil pipe or other materials other than those in section 17 of this Bylaw be used.
 - (6) At the point where the sanitary building sewer is joined to the sewer connection, at the owner's property line, the owner shall install a 200mm (8 inch) inspection chamber as shown on Standard Detail Drawing S7 of the Master Municipal Specifications.
 - (7) At the point where the storm building sewer is joined to the sewer connection, at the owner's property line, the owner shall install a 150mm (6 inch) wye type clean-out as shown on Standard Detail Drawing R4 of the Master Municipal Specifications.
 - (8) The pipe shall not bear on any plant, timber, rock or other unyielding object, nor shall any such object be placed against the pipe in backfilling.

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- (9) Where the sanitary sewer or storm building sewer is laid near any shrub or tree whose roots may penetrate the pipe joints, the Director may require that special jointing materials be used.

Building Sewers - Inspection

19. (1) When the owner has completed the installation of his sanitary building sewer or storm building sewer, as the case may be, but before the same has been backfilled, he shall inform the Municipality that the installation is completed and the Municipality shall forthwith have its designated officer make an inspection of the work. The owner shall test the house connection for watertightness in the presence of the Municipality's Inspector.
- (2) The test shall be performed by sealing the sanitary building sewer or storm building sewer at the property line, using an approved plug, and then filling the line with water so that a head of not less than six feet is placed on all sections of the sanitary building sewer or storm building sewer. The rate at which water escapes from the sanitary building sewer or storm building sewer, when calculated under this test, shall not exceed 1/4 gal. per hour for each 10 feet of sanitary building sewer or storm building sewer.
- (3) The backfilling of the sanitary building sewer or storm building sewer shall not be commenced until the Municipality has signified in writing that it is satisfied that the materials and workmanship employed are to its satisfaction and that the pertinent sections of this and other bylaws have been adhered to.

Building Sewers - Approved by Municipality

20. Materials and workmanship which in the opinion of the Municipality are defective or otherwise not in accordance with the provisions of this Bylaw, shall be removed and replaced by the owner, at the direction of the Municipality and the sanitary building sewer or storm building sewer shall not be backfilled unless and until the said sanitary building sewer or storm building sewer has been accepted and approved by the Municipality as provided in section 19 hereof. Failure to replace materials or workmanship as provided in this section shall be cause for the Municipality to proceed with the issuance of a "Notice to Connect" as referred to in section 9 of this Bylaw, and the conditions imposed by sections 9 and 10 shall apply.

PART 2

SEWER USER RATES

User Rate

- 21.** (1) Each parcel of real property to which a service connection to the sanitary sewer system has been made, shall be classified by the Collector in accordance with the categories set out in Schedule "C", attached hereto and forming part of this Bylaw.
- (2) The owner or occupier of real property shall pay, in addition to all other rates, charges and fees, for the use of the sewer system, the amounts specified in said Schedule "C". The several rates enumerated in Schedule "C" are hereby imposed and levied by the Municipality and all such rates shall be payable at the office of the Municipality on or before the due date.
- (3) For properties classified by the Collector to be in the Industrial Uses Class, the user rates as specified shall be applied on the date the water turn on is made.
- (4) For all other classifications, other than Industrial Uses, where a building permit has been issued during the year for a residential building with four units or less, the rate imposed shall be prorated on a monthly basis beginning four months after the date of issuance of the building permit. For the purpose of this section, the date of issuance of the building permit is deemed to be the first day of the month in which the building permit is issued. **(Bylaw No. 1994)**
- (5) For all other classifications, other than Industrial Uses, where a building permit has been issued during the year for a residential building with greater than four (4) units, the rate imposed shall be prorated on a monthly basis, for all of the residential units in the building, beginning on the date of issuance of the first occupancy permit for any of the units in the residential building. For the purposes of this section, the date of issuance of the first occupancy permit is deemed to be the first day of the month in which the first occupancy permit is issued.

At the time of issuance of a building permit, the builder shall deposit cash or an irrevocable, standby letter of credit, with the municipality in an amount equal to six months pro-rated sewer costs. For the purpose of this section, the date of issuance of the building permit is deemed to be the 1st day of the month in which the building permit is issued. **(Bylaw No. 1775)**

Billing Procedure - Industrial Uses

- 22.** (1) Bills for Industrial Use accounts shall be rendered annually for the months of January to December, inclusive.
- (2) This subsection shall become effective for the 1997 date of billing forward. All Industrial Use accounts shall become due and payable one month after the date of billing. Any amount not paid by the first day of the second month following the date of billing shall be subject to a penalty equal to ten per cent (10%) of the unpaid amount.
- (3) Should the due date fall on any Saturday, Sunday or Holiday then the first business day after the Saturday, Sunday or Holiday shall be taken as the due date.
- (4) Non receipt of the Industrial Use account bill will not be recognized as a valid excuse for failure to pay the rates when due.

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- (5) If the account is paid by mail, the penalty will be applied if the envelope bears a postmark later than the due date.

Billing Procedure - All Classifications, Other than Industrial Uses

23. (1) Bills for all classifications other than Industrial Uses, in the first year of service, for a residential building with four (4) units or less, shall be due and payable at the time of issuance of the building permit, except for building permits taken out in September and October which shall be due and payable on the same date as municipal taxes are due and shall be subject to the same penalties as those applied to overdue municipal taxes. **(Bylaw No. 1775)**
- (2) Bills for all classifications other than Industrial Uses, in the first year of service, for a residential building with greater than four (4) units, shall be due and payable at the time of issuance of the first occupancy permit for any of the units in the residential building. The amount due shall be deducted from the deposit made by the builder at the time of issuance of the building permit as noted in section 21. Any shortfall shall be paid within thirty (30) days from the date of billing, and any surplus refunded by the municipality. **(Bylaw No. 1775)**
- (3) Bills, for all classifications other than Industrial Uses, after the first year of service shall be rendered annually and shall be due and payable each year on the same date as municipal taxes are due and shall be subject to the same penalties as those applied to overdue municipal taxes. **(Bylaw No. 1775)**

Rates and Charges Remaining Unpaid

24. When any rates or charges due by any person under this Bylaw remain unpaid on the 31st of December, the same shall be deemed to be taxes in arrear in respect of the property to which the service was provided and such sum shall be recoverable under the provisions of section 435 of the *Municipal Act*.

PENALTIES

25. Any 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 refuses or omits or neglects to fulfill, observe, carry out or perform any duty imposed by this Bylaw, shall be liable on summary conviction to a fine not exceeding the maximum fine provided by the Offence Act and, where the offence is a continuing one, each day that the offence is continued shall constitute a separate offence.

SEVERABILITY

26. If any section, subsection or clause of this Bylaw is held invalid by a court of competent jurisdiction, the invalid portion shall be severed and the remainder of this Bylaw shall be deemed to have been adopted without the invalid and severed section, subsection or clause.

REPEAL OF BYLAWS

27. Bylaw No. 650, cited as the "Pitt Meadows Sanitary Sewer User Rates Bylaw No. 650, 1975", and all amendments thereto, are hereby repealed. Bylaw No. 774, cited as the "District of Pitt Meadows Sanitary Sewer Connection Bylaw, 1979 No. 774", and all amendments thereto, are hereby repealed.

SCHEDULE "A"

APPLICATION FOR CONNECTION

The Undersigned being the Registered Owner/Owners (or duly Authorized Agent) of real property situated at:

House Number Street City Postal Code

the Legal Description being:

Lot Number Block District Lot/Section Plan No. Roll Number

in the District of Pitt Meadows, do hereby apply for:

1. A _____ inch Sanitary Sewer Connection from the sanitary sewer main to my nearest property line, and herewith tender the sum of _____ (\$ _____) Dollars for such connection.

2. A _____ inch Storm Drain Connection from the storm drain main to my nearest property line, and herewith tender the sum of _____ (\$ _____) Dollars for such connection.

I/WE hereby authorize The Corporation of The District of Pitt Meadows to install the said Sewer or Storm Drain Service Connection, and further agree to duly pay all annual charges assessed against the aforesaid real property therefor.

I/WE further agree to conform to the provisions contained in the "Sanitary Sewer and Storm Drain Bylaw", and to await written approval of the District's Inspector upon completion of the installation of the sanitary building sewer or storm building drain before backfilling of the trench is commenced.

DATE

APPLICANT'S SIGNATURE

RECEIPT NO.

APPLICANT'S ADDRESS

MUNICIPAL OFFICIAL

SCHEDULE "B"

CONNECTION CHARGES

A. Sanitary Sewer Connection

- | | | |
|----|--------------------------------|----------|
| 1. | Non-refundable application fee | \$100.00 |
| 2. | Service Connection | |

All service connections shall be at the actual cost of all direct materials, labour, equipment, plus 20% of the total of these amounts or \$20.00, whichever is the greater, for overhead costs.

(Bylaw No. 1775 and Bylaw No. 1823)

B. Storm Drain Connection

- | | | |
|----|--------------------------------|----------|
| 1. | Non-refundable application fee | \$100.00 |
| 2. | Service Connection | |

All service connections shall be at the actual cost of all direct materials, labour, equipment, plus 20% of the total of these amounts or \$20.00, whichever is the greater, for overhead costs.

(Bylaw No. 1775 and Bylaw No. 1823)

C. General

- (1) All charges in this Schedule are due and payable in advance of services. If actual costs are to be charged, an estimate thereof, made by the Director, shall be made and that amount shall be paid in advance.
- (2) If, for whatever reason, the services are not paid for in advance, or the actual costs of the service (where actual costs are to be charged) are greater than the estimated costs, a bill shall be rendered promptly by the Municipality. If the opposite is true, a refund shall be issued promptly by the municipality.
- (3) The billing procedure, including due dates and penalties for late payments, are the same as those detailed for Industrial Use accounts in section 22 (2) to 22 (5), inclusive, of the Bylaw.

SCHEDULE "C"
(Bylaw No. 2490, 2011)

The following charges for use of the sanitary sewer system shall apply to all real property served by the sanitary sewers owned, operated and maintained by the Municipality:

CLASSIFICATION OF USERS OR EFFLUENT	BASIS OF CHARGE	ANNUAL USER CHARGE
1. Residential Units	Charges are per each dwelling unit and mobile home space	\$289.00
1. Hotel, Motel, Auto Court, Boarding Houses and like units	For each room available for letting or hire	\$70.56
3. Restaurants, Cafes, Beverage Rooms	For the first commercial unit (containing not more than 50 seats)	\$289.00
	Plus - for each additional 10 seats or any fraction thereof	\$29.77
4. Laundry and Laundromats/Cleaners	For each laundry/cleaner For each Laundromat having not more than 5 machines installed therein	\$479.00
	Plus - for each additional machine installed	\$56.22
5. Commercial Units (Any other commercial unit not specifically otherwise identified in this rate schedule)	For each commercial unit available therein	\$289.00
6. Institutional Premises	Basis minimum rate	\$289.00
	Schools - per classroom	\$228.00
	Hospitals - per bed	\$148.00
7. Industrial Uses (including ice arenas, golf courses and car washes) Westfair Foods Warehouse (Loblaws)	Where annual water usage as recorded by Municipal meters does not exceed 1,000,000 gallons	\$576.00
	Plus - where annual water consumption exceeds 1,000,000 gallons, for each additional million gallons or fraction thereof	\$2309.00

SCHEDULE "D"
(Bylaw No. 2007)

CODE OF PRACTICE FOR WASTEWATER MANAGEMENT AT FOOD SECTOR ESTABLISHMENTS

1.0 Definitions

1.1 Except as otherwise defined, definitions contained in the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 164, as amended (some of which for convenience have been also included in this Code of Practice), apply to this Code of Practice.

1.2 In this Code of Practice the following meanings apply:

"Authorized" or "Authorization" means the authorization in writing by a Manager or an Officer upon such terms and conditions as specified therein;

"Bylaw" means the Greater Vancouver Sewerage and Drainage District Sewer Use Bylaw No. 164, as amended from time to time;

"District" means the Greater Vancouver Sewerage and Drainage District;

"Effective Date" means the date that Greater Vancouver Sewerage and Drainage District Sewer Use Amending Bylaw No. 214, 2000 is adopted;

"Fixture" means a receptacle, appliance, apparatus or other device that discharges waste water and includes floor drains;

"Food Grinder" means a Fixture that is a mechanical device (often known as a garburator) that is used to reduce the particle size of food waste;

"Food Sector Establishment" means:

(a) a business establishment or institutional facility where food is prepared or made ready for eating or packaged and thereafter shipped to any establishment described in (b) or (c) below.

(b) a retail establishment or institutional facility where food is prepared and made ready for retail sale or sold to the public and includes grocery stores, fresh produce stores, bakeries, butcher shops or similar establishments,

(c) a business or institutional eating or drinking establishment where food is prepared or made ready for eating and is sold or served to the public (or with respect to institutions, sold or served to persons employed at, served by or attending those institutions) whether or not consumed on the premises, and includes restaurants, delicatessens, fast-food outlets, cafeterias, pubs, bars, lounges or other similar establishments;

"Garbage Compactor" means a mechanical device used to compress garbage to reduce volume;

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Definitions Cont'd.

"Grab Sample" means an aliquot of a sampled stream or discharge collected at one particular time and place;

"Grease Interceptor" means a device (sometimes called a grease trap) designed and installed to separate and retain Oil and Grease from wastewater, while permitting wastewater to discharge;

"Manager" means the Sewage Control Manager and includes any District Sewage Control Manager (as defined in the Bylaw);

"Officer" means any person appointed by the Board of the District under the Bylaw to be an Officer and includes a Municipal Sewage Control Officer (as defined in the Bylaw);

"Oil and Grease" means an organic substance recoverable by procedures set out in Standard Methods or procedures Authorized by the Manager and includes but is not limited to, hydrocarbons, esters, fats, oils, waxes, and high-molecular weight carboxylic acids;

"Residential Premises" means a building or premises or part of a building or premises used or intended to be used solely for the purpose of a residential dwelling, whether on a permanent, temporary or seasonal basis;

"Suspended Solids" means the insoluble matter that is separable by the appropriate procedure described in Standard Methods;

"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 Public Health Association, American Water Works Association and the Water Environment Federation;

"Waste" means any substance whether gaseous, liquid, or solid, that is or is intended to be discharged or discarded, directly, or indirectly, to a Sewer or Sewage Facility.

2.0 Purpose

2.1 This Code of Practice for Food Sector Establishments sets out the requirements for managing Waste discharged directly or indirectly into a Sewer or a Sewage Facility.

2.2 Nothing in this Code of Practice releases a person discharging Waste from complying with the Bylaw, a Waste Discharge Permit, an Order or Authorization issued under the Bylaw and all other applicable enactments.

3.0 Application

3.1 This Code of Practice applies to Food Sector Establishments.

3.2 For greater clarity this Code of Practice does not apply to Residential Premises.

Application Cont'd.

- 3.3 This Code of Practice does not apply to a Food Sector Establishment that is subject to a Waste Discharge Permit, unless otherwise specified in the Waste Discharge Permit.

4.0 Requirements

4.1 Effective Date and Transition

- 4.4.1 Subject to Sections 4.1.2 and 4.1.3, all Food Sector Establishments must comply with the provisions of this Code of Practice within 180 days of the Effective Date.
- 4.1.2 An existing Food Sector Establishment that on the Effective Date has any Grease Interceptors connected to Fixtures shall with respect to those Grease Interceptors (but not any replacement or additional Grease Interceptors) be exempt from the provisions of Section 4.3.8 unless otherwise required in writing by the Manager.
- 4.1.3 An existing Food Sector Establishment that on the Effective Date has any Grease Interceptors connected to Fixtures which do not meet the minimum capacity requirement set out in Section 4.3.7, unless otherwise required in writing by the Manager, will have a period of three years ending on the third anniversary of the Effective Date to install and connect Grease Interceptors having the minimum capacity requirement set out in Section 4.3.7.
- 4.1.4 "Existing" Food Sector Establishment means a Food Sector Establishment which commenced carrying on business or commenced operations prior to the Effective Date, whether under the same or different ownership or control, whether under the same or different name and style and whether or not it provided the same type or kind of product or services and is carrying on business or operations on or about the Effective Date.
- 4.1.5 If any question arises as to whether a Food Sector Establishment is an existing Food Sector Establishment, the issue shall be determined by the Manager, whose decision shall be final and binding.
- 4.1.6 All Food Sector Establishments must comply with Part 7, Plumbing Services of the British Columbia Building Code 1998, as amended or replaced, and all applicable enactments including, without limitation, municipal and local government bylaws.

4.2 Discharge Regulation

- 4.2.1 An operator of a Food Sector Establishment must not discharge Waste which at the point of discharge into a Sewer contains:
- (a) Oil and Grease in a concentration that is in excess of 150 milligrams per litre as analyzed in a Grab Sample;
 - (b) Suspended Solids in a concentration that is in excess of 600 milligrams per litre as analyzed in a Grab Sample;

Discharge Regulation Cont'd.

- (c) Prohibited Waste, Restricted Waste, Special Waste, Storm Waste, or Cooling Waste, as defined in the Bylaw and regulated in the Bylaw.

4.3 Grease Interceptors

- 4.3.1 Subject to Section 4.1.2, all Food Sector Establishments that discharge wastewater containing Oil and Grease must install and maintain a Grease Interceptor in accordance with this Code of Practice.
- 4.3.2 Food Sector Establishments that discharge wastewater containing Oil and Grease must connect the following Fixtures to, and use, a Grease Interceptor:
 - (a) sinks used for washing pots, pans, dishes, cutlery, and kitchen utensils;
 - (b) drains serving self-cleaning exhaust hoods installed over commercial cooking equipment;
 - (c) drains serving commercial cooking equipment;
 - (d) drains serving a Garbage Compactor used to compact garbage that may contain, or be contaminated with, food waste;
 - (e) any other Fixture that discharges wastewater containing Oil and Grease.
- 4.3.3 The following Fixtures in a Food Sector Establishment must not be connected to a Grease Interceptor:
 - (a) Food Grinders, potato peelers, and similar equipment discharging solids; and
 - (b) toilets, urinals and hand sinks.
- 4.3.4 An automatic dishwasher in a Food Sector Establishment may be connected to a Grease Interceptor provided that there are no other Fixtures connected to the Grease Interceptor and the Grease Interceptor is of a size to accept the maximum discharge rate specified by the dishwasher manufacturer.
- 4.3.5 Grease Interceptors in a Food Sector Establishment must be labelled with information containing the rated flow capacity of the unit. The label must be permanently affixed and visible following installation. Where a permanently affixed and visible label is not possible or practical, manufacturer's and installation drawings of the Grease Interceptor must be maintained at the Food Sector Establishment and available for inspection on request by an Officer.

Grease Interceptor Size and Installation

- 4.3.6 All Grease Interceptors must be connected so that all discharges are made either to a Sanitary Sewer or to a Combined Sewer. A Grease Interceptor must not be connected so as to discharge into a Storm Sewer.

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Grease Interceptor Size and Installation Cont'd.

- 4.3.7 The flow capacity of a Grease Interceptor in a Flood Sector Establishment must not be less than the maximum discharge flow from all Fixtures connected to the Grease Interceptor that will discharge simultaneously.
- 4.3.8 Grease Interceptors in Food Sector Establishments must:
- (a) without limiting the provisions of Section 4.3.7, have a flow capacity of not less than 3.2L/s (50 USgpm);
 - (b) be located so that they are readily and easily accessible for inspection and maintenance; and
 - (c) be equipped with a sampling tee located outside the building in which Food Sector Establishment is located. The sampling tee must not be less than 15.2 cm (6 inches) nominal diameter and must be installed so that it opens in a direction at right angles to and vertically above the flow of the sewer pipe. The sampling tee must be accessible at all times for inspection.

Grease Interceptor Operation and Maintenance

- 4.3.9 Operators of Food Sector Establishments must maintain and repair Grease Interceptors so that they provide effective service at all times.
- 4.3.10 The maximum depth of Oil and Grease which an operator of a Food Sector Establishment may allow to accumulate in a Grease Interceptor prior to servicing must not exceed the lesser of six inches or 25% of the wetted height of the Grease Interceptor.
- 4.3.11 The operator of a Food Sector Establishment must keep and maintain at the Food Sector Establishment a record of all Grease Interceptor inspections and maintenance carried out, recording the date of inspection, the date of cleaning or maintenance, the type and quantity of material removed from the Grease Interceptor and the disposal location. The inspection and maintenance record must be retained for a period of two years and must be available for inspection by an Officer.
- 4.3.12 Oil and Grease removed from Grease Interceptors must not be discharged to any Sewer, Sanitary Sewer, Storm Sewer, or other sewer, drainage ditch or surface water.
- 4.3.13 Oil and Grease removed from Grease Interceptors must not be disposed of with regular garbage. Grease Interceptor Operation and Maintenance Cont'd.
- 4.3.14 Subject to receiving prior Authorization, Oil and Grease removed from Grease Interceptors may be disposed of at the Iona Wastewater Treatment Plant Trucked Waste Facility. Oil and Grease removed from Grease Interceptors may also be disposed of at other facilities not owned or operated by the District, subject to approval of the jurisdiction having authority.
- 4.3.15 No person shall use enzymes, solvents, hot water or other agents in order to facilitate the passage of Oil and Grease through a Grease Interceptor.

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- 4.4 Garbage Compactors
 - 4.4.1 An operator of a Food Sector Establishment that installs a Garbage Compactor, which is used to compact waste containing food, must install it on a concrete pad that is equipped with a drain connected to a Grease Interceptor.

- 4.4 Garbage Compactors Cont'd.
 - 4.4.2 A Garbage Compactor that is installed outdoors must be provided with a rain cover and curbing as necessary to prevent rainwater from entering the drain connected to the Grease Interceptor.

- 5.0 Exemptions
 - 5.1 An operator of a Food Sector Establishment may request an exemption to a particular requirement of this Code of Practice by submitting a written request to the Manager setting out in detail the reasons for the request for exemption. The Manager may approve, deny or approve on terms and conditions such a request.

- 6.0 Offences and Penalties
 - 6.1 Any person who contravenes the requirements set out in Article 4 commits an offence and is liable to a fine not exceeding \$10,000.
 - 6.2 Where there is an offence that continues for more than one day, separate fines, each not exceeding \$10,000, may be imposed for each day or part thereof during which the offence occurs or continues.
 - 6.3 Nothing in this Code of Practice shall limit the District from using any other remedy that would otherwise be available to the District at law.