

VILLAGE OF CANAL FLATS

BYLAW NUMBER 290, 2025

SEWER SYSTEM REGULATIONS

Being a Bylaw to establish regulations for the Village of Canal Flats' Sewer System

The Council of the Village of Canal Flats, in open meeting assembled, **HEREBY ENACTS AS FOLLOWS:**

1. CITATION

This Bylaw may be cited for all purposes as the "*Village of Canal Flats Sewer System Regulations Bylaw No. 290, 2025*".

2. INTERPRETATION

In this Bylaw:

A reference to a statute in this Bylaw refers to a statute of the Province of British Columbia unless otherwise indicated, and a reference to any statute, regulation, code or Bylaw refers to that enactment as it may be amended or replaced from time to time. In the event of a conflict between this Bylaw and a Provincial enactment, the stricter one prevails. Headings in this Bylaw are for convenience only and must not be construed as defining or in any way limiting its scope or intent.

"Annual" means the twelve (12) calendar months of each year.

"BOD" means the carbonaceous 5-day biochemical oxygen demand.

"Council" means the Council of the Village of Canal Flats.

"Dwelling Unit" means a housing unit sheltering not more than one Family and not more than one set of cooking facilities, consisting of either a detached housing unit; a self-contained unit within a Domestic building; a self-contained unit within a commercial building used as a principal residence; one half of a duplex, or a self-contained suite in a building containing three or more such suites.

"FOG" means Fats, Oil, Grease

"Water Metered" means connected to the water supply system of the Village and equipped with an approved device to measure the consumption of water from that system.

"Commercial/Industrial User" means any user other than a Domestic User.

“Owner”	has the same meaning as in the <i>Community Charter</i> , and in relation to the common property under the <i>Strata Property Act</i> , means the strata corporation.
“Parcel”	has the same meaning as in the <i>Community Charter</i> , and in relation to common property under the <i>Strata Property Act</i> , means the strata corporation.
“Person”	has the same meaning as in the <i>Community Charter</i> .
“Premises”	means any Parcel of land, building, erection or thing that is connected to, that is capable of being connected to, or that may utilize the Sewer Collection System.
“Private Water Source”	means a water source such as a well, or a storage tank for receiving of bulk water, which is privately owned or operated.
“Prohibited Waste”	means one or more of the Prohibited Wastes listed on Schedule “A” to this Bylaw.
“Quarterly”	means every three (3) months.
“Domestic Unit”	means a housing unit sheltering not more than one Family and not more than one set of cooking facilities, consisting of either a detached housing unit, one self-contained suite in a Domestic building, one half of a duplex or one self-contained suite in a building containing three or more such suites.
“Domestic User”	means a person using a connection to the Sewer Collection System from a building used exclusively for Domestic purposes.
“Main”	means a sewer pipe owned by the Village including valves, fittings and other appurtenances, other than a service connection, service lateral, pumping station, treatment plant or reservoir in the sewer system.
“Sewer Collection System”	means any Sewer Collection System owned and or operated by the Village.
“Sewer Service Connection”	means a piping connection and any necessary appurtenances that conveys wastewater from an Owners Premise to the Sewer Collection System.
“Trustee”	means any Person appointed by Council to administer, enforce or carry out the provisions of this Bylaw including but not limited to the Chief Administrative Officer, Public Works Foreman, Bylaw Officer, Building Official or an authorized third-party contractor working on behalf of the Village.
“TSS”	means Total Suspended Solids.
“Unmetered”	means any water supply and/or sewer connection that is not metered.

“User”	means any Owner or occupier of a Parcel or Premise utilizing the service of the Sewer Collection System.
“Village”	means the Village of Canal Flats or the area contained within the boundaries thereof.
“Wastewater Meter”	means an approved device to measure the volume of wastewater released from the Premises into the Sewer Collection System.
“Wastewater Treatment Plant”	means any wastewater treatment plant owned or operated by the Village.
“Water System”	means any Water System or a part of it, owned or operated by the Village.

3. SEWER COLLECTION SYSTEM CONNECTIONS

- (1) Every Owner whose property abuts the Sewer Collection System must connect their Premises to the Sewer Collection System and, at the time of connection, pay to the Village the applicable connection fee.
- (2) A Dwelling Unit that is a detached housing unit must have a unique Sewer Service Connection.
- (3) The Village is not obligated to:
 - a) supply service to Premises which do not abut the Sewer Collection System; or
 - b) make connections to Premises during such periods of the year when the ground is frozen or typically frozen.

4. SEWER COLLECTION SYSTEM APPLICATIONS

- (1) Prior to proceeding with any of the following, a Person must apply in writing to the Village, Using Village approved pro forma for any of the following:
 - a) use of the Sewer Collection System;
 - b) termination of use of the Sewer Collection System; and
 - c) installation of a new connection to the Sewer Collection System.

- (2) Commercial/Industrial Users must provide the Village an appropriately certified document verifying the proposed wastewater composition of their Premises for review by the Public Works Foreman prior to Sewer Collection System connection approval.

The composition or characteristics of the wastewater will result in the Commercial/Industrial User being assigned to a Sewer Collection System User Tier by the Village, as outlined in Section 9 of this Bylaw. The composition and characteristics of the wastewater may be tested and confirmed by the Village at any time, the results of which may place the Commercial/Industrial User in another User Tier and subject to the fees and charges that may apply.

5. CONSTRUCTION STANDARDS

- (1) Every Owner must ensure that:
 - a) all Sewer Service Connections from the property line to the Premises must be laid and maintained in accordance with the Village's current subdivision and development servicing bylaw if in effect, and as amended or replaced from time to time;
 - b) all plumbing works connecting the Sewer Collection System with any Premises, or contained in any Premises must be done in good and workmanlike manner with approved material in accordance with the *British Columbia Building Code* and the *Canadian Plumbing Code* as amended or replaced from time to time;
 - c) plumbing works connecting Commercial/Industrial premises to the Sewer Collection System must be outfitted with a test manhole constructed to Village specifications in order to facilitate wastewater testing by the Village;
 - d) plumbing works connecting the Premises to the Sewer Collection System remain uncovered until such plumbing has been inspected and accepted by the Public Works Foreman.
- (2) The Public Works Foreman may turn off, or refuse to turn on, the supply of water to a Premises until any issues been remedied and the requirements and standards of the *British Columbia Building Code*, Premises until any non-compliance with all requirements under the Village Bylaws have the *Canadian Plumbing Code*, and this Bylaw have been met.
- (3) The Public Works Foreman may refuse to turn on the Sewer Service Connection to Premises until any non-compliance with all requirements under the Village Bylaws have been remedied and the requirements and standards of the *British Columbia Building Code*, the *Canadian Plumbing Code*, and this Bylaw have been met.

6. REPAIR PROTOCOLS

- (1) The Owner of a Real Property serviced by a Sanitary Sewer is responsible for the costs of servicing, clearing, rodding, removing blockages or tree roots and for maintaining and if necessary, repairing of all pipes and fixtures between the main and their premises or property.
- (2) In the event of a blocked Sewer Service Connection or other similar type of problem, the Owner must first call a plumber, at the Owner's expense. If it is determined that the cause of the problem is located on real property owned by the Village such as a highway or road right of way, or within an interest in real property held by the Village, the Owner must call the Village, which will arrange for the problem to be attended to. If it is determined that the cause of the problem is through the action, inaction or fault of the Owner, the Owner must at their sole cost repair the problem in an expedient manner such that no damage is done to the Village's infrastructure.
- (3) If repairs are required to the Sewer Collection System that are due to a failure by the Owner or occupier of Premises to comply with this Bylaw, the *British Columbia Building Code*, the *Canadian Plumbing Code*, or to another cause arising from the action, inaction, or fault of the Owner or a third party, the current Owner will be liable for all costs incurred by the Village to repair or replace any affected part of the Sewer Collection System.

7. SEWER COLLECTION SYSTEM LIABILITY LIMITS

- (1) In the event that service from the Sewer Collection System fails, whether from natural causes or accident or from any other causes whatsoever, the Village shall not be liable for damages to any Owner, Domestic User or Commercial/Industrial User by reason of such failure.
- (2) The Village shall not be liable for any injury or damage to any Person, Parcel or Premises arising or occurring from the use of the Sewer Collection System.

8. SEWER COLLECTION SYSTEM REGULATIONS

- (1) A Person must not:
 - a) without the consent of the Village, make connection to or otherwise interfere with, in any manner, any of the Sewer Collection System mains or any portion of the Sewer Collection System;
 - b) allow any connection other than a waste connection that is compliant with this Bylaw to enter the Sewer Collection System, including but not limited to storm water and septic tanks or sludge contained therein;
 - c) use storm drains to convey sewer effluent; or
 - d) trespass on lift stations or other wastewater collection properties or wastewater treatment properties;
- (2) Every Owner must ensure that:
 - a) all plumbing works on the Owner's real property are kept in good repair and operation;

- b) where Premises are fitted with a grease trap, interceptor, grit chamber, or other treatment device, an accurate record of all inspections and maintenance carried out is kept and maintained for a period of at least two years, which record must be made available on request to the Public Works Foreman and executed as a statutory declaration at the request of the Public Works Foreman and which must include:
 - (i) the date of inspection;
 - (ii) the date of cleaning and maintenance;
 - (iii) the type and quantity of material removed from the treatment device;
 - (iv) the name of the person completing the work;
 - (v) the disposal location of the removed waste; and
 - (vi) documentation of proper disposal at the disposal location.
 - c) no prohibited waste as set out in Schedule "A" enters the Sewer Collection System directly from, or having originated from, the Owner's real property.
- (4) Externally generated wastewater will only be accepted at the Village's sani-dump from recreational vehicles. Unless otherwise permitted by the Public Works Foreman, no wastewater or effluent originating from third parties externally from the Sewer Collection System will be accepted at the Wastewater Treatment Plant.
 - (5) Subject to section 16 of the *Community Charter*, a Trustee may, at all reasonable times, enter any Parcel or Premises which has a Sewer Service Connection to test or inspect the plumbing system or any related systems and equipment. This may be done for the purposes of confirming a Commercial/Industrial Users' Tier and for determining whether all regulations, prohibitions and requirements are being met in relation to any matter under this Bylaw or other applicable enactment.
 - (6) A person must not obstruct, prevent, interfere with or otherwise hinder the Village or its Trustees in exercising a power or carrying out a duty or function under this Bylaw or any related enactments, notices or orders.
 - (7) Following a test or an inspection or receipt of a testing or inspection or maintenance report, or otherwise upon finding any defect in the plumbing system of a Parcel or Premises, including but not limited to, roof drains, floor drains, sump pumps, grease trap, interceptor, grit chamber, or other treatment device, a pipe that allows groundwater to enter the system, or any system or equipment that allows run off or unregulated discharge of water, or Prohibited Waste, the Public Works Foreman may notify the Owner or occupier of the Parcel or Premises at the Owner's sole cost to remedy the defect, repair or replace the plumbing equipment or other part of a system that is part of or connected to the Sewer Collection System in an expedient manner so as to not cause damage to the Village's infrastructure.
 - (8) If the Owner or occupier referred to in s.8(6) cannot be contacted or fails to fully comply with the notice as required within the specified time, the Public Works Foreman may cause or direct the defect to be remedied or repairs or replacements or disconnections to be carried out by the Village or a contractor for the Village as the Public Works Foreman considers necessary or advisable for the protection or repair of the Village's Water System or Sewer Collection System, and the Owner is responsible for any and all costs incurred by the Village.

9. COMMERCIAL/INDUSTRIAL USER TIERS

- (1) In order to appropriately protect the Sewer Collection System infrastructure and recover costs associated with increased wastewater treatment resulting from over-strength wastewater, new and existing Commercial/Industrial Users may be classed in a Commercial/Industrial User Tier based on certified laboratory testing performed by the Village. The Commercial/Industrial User Tiers are described below:

Measure	Tier 1 Regular User (mg/L)	Tier 2 Surcharged User (mg/L)	Tier 3 Prohibited User* (mg/L)
Biochemical Oxygen Demand 5-Day (BOD ₅)	0 – 300	301 - 500	>500
Total Suspended Solids (TSS)	0 - 300	301 – 600	>600
Fat, Oil & Grease (FOG)	0 – 100	101 – 150	>150

*The release of any other Prohibited Waste(s) from Schedule “A” will also place the Commercial/Industrial User in Tier 3.

- (2) Factors and limits of each User Tier may be modified from time to time.
- (3) Should a Commercial/Industrial User be placed in Tier 2, an applicable surcharge will apply to the Commercial/Industrial User's account and user fees until such time that the Public Works Foreman receives confirmation that the Premises' wastewater has returned to Tier 1 levels either through the Village's own testing protocol, or through testing approved and witnessed by the Public Works Foreman.
- (4) Should a Commercial/Industrial User be placed in Tier 3, access to the Sewer Collection System may be denied until such a time that the Public Works Foreman receives confirmation that the Premises' wastewater has returned to Tier 2 or Tier 1 levels, to be confirmed through the Village's own testing protocol including the use of a certified laboratory, or through testing performed by the Commercial/Industrial User's agent and certified laboratory, approved and witnessed by the Public Works Foreman.
- (5) The Public Works Foreman may, at their discretion, choose to allow a Tier 3 Commercial/Industrial User continued access to the Sewer Collection System if an expedited solution is approved and implemented. Any applicable User Fees would be subject to a surcharge formula using the latest laboratory-tested values for the wastewater composition from the Premises.
- (6) Notwithstanding the defined Commercial/Industrial User Tier system, Council may provide exemptions and enter into discharge agreements with particular conditions for a definitive time.

10. SEWER SYSTEM USER RATES, FEES AND CHARGES DETERMINATIONS

- (1) Every Owner of Premises connected to the Sewer Collection System must pay the applicable rates, fees, and charges per the current Village of Canal Flats Fees and Charges Bylaw as amended from time to time.

- (2) Fees for occasional events must be paid at the time of application for connection.
- (3) Unless otherwise specified, amounts stated on any invoice for services or actions taken under this Bylaw by or on behalf of the Village are due and payable within thirty (30) days from the invoice date. A service charge of 1% per month (12% per annum) will be charged on all overdue accounts.
- (4) In the case of a Sewer Service Connection being made during any year, the fees imposed will begin with the month during which the connection is turned on.
- (5) In the case of a Sewer Service Connection being permanently discontinued during any year, the final invoice will be calculated for the month in which the termination request was made, inclusive of any applicable surcharges. For Metered users the consumption charge will be calculated based on the final reading when the service is turned off and/or the Sewer Collection System is disconnected.
- (6) Any invoice will be considered as tendered if mailed to the owner at the address set out in the real property tax roll.

11. UNMETERED USER FEES

- (1) Unmetered Users connected to the Sewer Collection System will be invoiced for the service on an annual flat rate basis.
- (2) Rates for Unmetered Users will be calculated and charged as either a Domestic User or a Commercial/Industrial User. Any applicable surcharges for Commercial/Industrial Users will be calculated and charged accordingly.
- (3) Unmetered User Rates are due Annually on or before 4:30pm on the first working day following July 1st.
- (4) A service charge of 10% will be charged on all overdue accounts.

12. WATER METERED USER FEES

- (1) Water Metered users will be invoiced on a quarterly basis and the fees contained therein will become due and payable to the Village thirty (30) days from the date of the invoice.
- (2) The Sewer User Rate shall be:
 - a) the basic meter rate;
 - b) the consumption charge;
 - c) any applicable surcharge; and
 - d) the quarterly volume of wastewater released shall be equal to the volume of water received from Water System during the same billing period.

- (3) If an approved Wastewater Meter has been installed on the Premises, the Sewer User Rate shall be:
 - a) the basic meter rate;
 - b) the consumption charge;
 - c) any applicable surcharge; and
 - d) the quarterly volume of wastewater released from the Premises shall be the volume indicated by the Wastewater Meter.
- (4) If the Public Works Foreman is satisfied that water supplied to a Premises is not released into the Sewer Collection System, the Public Works Foreman may exclude that water from the calculation for the purposes of this Bylaw.
- (5) The Public Works Foreman will require an Owner seeking authorization pursuant to s.4(2) of this Bylaw to provide a report, to the satisfaction of the Public Works Foreman, certified by a professional engineer stating the anticipated daily volumes, peak rates, and composition of wastewater released from the Premises.
- (6) Water Metered Users who have access to any Private Water Source that is not fitted with an approved consumption meter will be invoiced for the metered component of their sewer use PLUS the Commercial/Industrial Unmetered User Rate component and any applicable surcharge.
- (7) Water Metered Users who have access to any Private Water Source that is fitted with an approved consumption meter will be invoiced for the metered component of their sewer use PLUS the metered private water component of their sewer use, including any applicable surcharges.
- (8) A service charge of 1% per month (12% per annum) will be charged on all accounts past 30 days.

13. VIOLATION OF BYLAW

Every person who violates any provision 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 by any of the provisions of this Bylaw, commits an offence, and each day that a violation continues constitutes a separate offence. Upon conviction of an offence under this Bylaw, a person is liable to pay a fine of not less than \$2,000 and up to \$10,000 if proceedings are brought under the *Offence Act*.

14. SEVERABILITY

If any portion of this Bylaw is found invalid by a court of competent jurisdiction, the invalid portion is severed without effect on the remaining portions of the Bylaw.

15. SCHEDULES

The following Schedules are attached and form part of this Bylaw:

Schedule "A" –PROHIBITED AND RESTRICTED WASTES

16. REPEAL

"*Village of Canal Flats Bylaw No. 26, 2005*" and any amendments thereto is hereby repealed in its entirety.

READ A FIRST TIME THIS 24th DAY OF NOVEMBER, 2025.

READ A SECOND TIME THIS 24th DAY OF NOVEMBER, 2025.

READ A THIRD TIME THIS 24th DAY OF NOVEMBER, 2025.

ADOPTED THIS 8TH DAY OF DECEMBER, 2025.


MAYOR


CORPORATE OFFICER

CERTIFIED a true and correct copy
of "Village of Canal Flats Sewer System
Regulations Bylaw No. 290, 2025"

Corporate Officer

SCHEDULE "A" – PROHIBITED AND RESTRICTED WASTES

The following are prohibited wastes which may not be discharged to the Village's wastewater system:

1. **Flammable or Explosive Waste**
Any waste which is capable of causing or contributing to an explosion or supporting combustion in any sewer system or sewage facility including, but not limited to gasoline, benzene, naphtha, propane, diesel or other fuel oil, kerosene or alcohol.
2. **Waste Causing Obstruction or Interference**
Any waste which is capable of obstructing the flow of or interfering with the operation or performance of any sewer system or sewage facility including, but not limited to earth, concrete and cement-based products, sand, gardening or agricultural wastes, ash, chemicals, metal, glass, tar, asphalt, plastic, wood, waste portions of animals, fish or fowl, solidified fat, paper and brewery waste.
3. **Odourous Waste**
Any waste, other than sanitary waste which is capable of creating an odour, or other air contaminant, causing air pollution outside any sewer system or sewage facility or creating within any sewer or sewage facility an odour or other air contaminant which would prevent safe entry by authorized personnel.
4. **High Temperature Creating Waste**
 - a) Any waste which may create heat in amounts which will interfere with the operation and maintenance of the sewer system or sewage facility or with the treatment of waste in a sewage facility;
 - b) Any waste which will raise the temperature of waste entering any sewer system or sewage facility to 40 degrees Celsius or more; and
 - c) Any non-domestic waste with a temperature of 65 degrees Celsius or more.
5. **Corrosive Waste**
Any waste with corrosive properties which may cause damage to any sewer system or sewage facility.
6. **Pathogenic Waste**
Any waste containing infectious or biological material which may create a contaminant in the sewer system or sewage facility.
7. **Trucked Waste**
Any waste that is collected and transported off-site by means other than discharge to a sewer system, including but not limited to porta-potties, domestic holding tanks, oil and grease or other waste gathered from interceptors, grease traps, grit chambers, or other treatment devices, and other sludges of organic origin.
8. **Non-domestic or Hazardous Waste**
Any waste that is not able to comply with Section 7(2) of the *Municipal Wastewater Regulation*.

9. Pesticides
Any waste that contains pesticides.
10. Food Waste
Any non-domestic waste from cooking and handling of food that, at the point of discharge into a sewer system, contains particles larger than 0.5 centimetres in any dimension or exceeds the waste specifications as set out in Table A. Waste grease from a restaurant or similar food facility is not to be released to the sewer system.
11. Radioactive Waste
Any waste that, at the point of discharge into a sewer, exceeds radioactivity limitations established by the Atomic Energy Board of Canada.
12. pH Waste
Any non-domestic waste which, at the point of discharge into a sewer, has a pH lower than 5.5 or higher than 10.0 as determined by a grab sample.
13. Dyes or Colouring Material
Dyes, paints or colouring materials which produces a colour value greater than or equal to 50 true colour units or that causes visual discolouration of the water.
14. Carpet Cleaning Wastes
Any carpet cleaning wastes.
15. Engine Washing Wastes
Any engine washing wastes.
16. Specified Waste
Any waste which, at the point of discharge into a sewer, contains any substance at a concentration in excess of the levels set out in Table A below. All concentrations are expressed as total concentrations which include all forms of the contaminant, combined or uncombined, whether dissolved or undissolved. The concentration criteria apply to both grab samples and composite samples. Definitions and methods of analysis for these substances are outlined in standard methods.

Table A: List of Contaminants

Parameter	Maximum Concentration (mg/L)
Aluminum (Dissolved)	2.0
Antimony (Dissolved)	0.5
Arsenic (Dissolved)	0.3
Barium (Dissolved)	2.5
Benzene	0.1
Beryllium (Total)	1.0
Biochemical Oxygen Demand (5-day total) – BOD ₅	500
Bismuth (Total)	5.0
Boron (Dissolved)	15
BTEX ¹	1.0
Cadmium (Dissolved)	0.1
Chemical Oxygen Demand (COD)	20,000
Chloride	1,500
Chlorine (free)	5.0

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Parameter	Maximum Concentration (mg/L)
Chloroform	0.05
Chlorophenols ²	0.05
Chromium (Total)	1.0
Cobalt	5.0
Copper (Dissolved)	0.3
Cyanide	0.2
Dichlorobenzene (1,2-)	1.0
Dichlorobenzene (1,4)	1.0
Dissolved solids	5,000
Ethylbenzene	0.5
Fluoride (dissolved)	10
Hexachlorobenzene	0.06
Iron (Total)	10
Lead (Dissolved)	0.3
Manganese (Dissolved)	1.0
Mercury (Total)	0.01
Methylene Chloride (Dichloromethane)	0.09
Molybdenum (Dissolved)	1.0
Nickel (Dissolved)	1.0
Oil and grease (Hydrocarbons Only)	15
Oil and grease (Total) ³	150
PCBs (Chlorobiphenyls)	0.004
Phenolic compounds	0.5
Phosphorus (Total)	200
Polycyclic aromatic hydrocarbons (PAH) ⁴	0.05
Selenium (Dissolved)	0.1
Silver (Total)	0.5
Sulphate	1,300
Sulphide	1.0
Tetrachloroethane (1,1,2,2-)	0.06
Tetrachloroethylene	0.06
Thallium (Total)	0.5
Tin (Dissolved)	1.0
Titanium (Total)	5.0
Toluene	0.5
Total Kjeldahl nitrogen	500
Total Suspended Solids (TSS)	600
Trichloroethylene	0.054
Vanadium (Total)	5
Xylenes (Total)	0.5
Zinc (Dissolved)	0.5

¹ BTEX includes benzene, ethylbenzene, toluene, xylene

² Chlorophenols include tetrachlorophenol and pentachlorophenol

³ Total oil and grease includes hydrocarbons

³ Polycyclic aromatic hydrocarbons include:

- | | |
|------------------------|---------------------------|
| - Acenaphthene | - Chrysene |
| - Acenaphthylene | - Dibenzo(a,h)anthracene |
| - Anthracene | - Fluoranthene |
| - Benzo(a)anthracene | - Fluorene |
| - Benzo(b)fluoranthene | - Naphthalene |
| - Benzo(k)fluoranthene | - Phenanthrene |
| - Benzo(g,h,i)perylene | - Pyrene |
| - Benzo(a)pyrene | - Indeno(1,2,3-c,d)pyrene |

