DISTRICT OF COLDSTREAM BYLAW NO. 1692, 2017

A BYLAW TO REGULATE THE SANITARY SEWER SYSTEM AND TO IMPOSE A CHARGE FOR THE USE OF THE SANITARY SEWER SYSTEM WITHIN THE DISTRICT OF COLDSTREAM

WHEREAS the *Community Charter* authorizes Council for the District to provide for municipal services and to enact bylaws to regulate, prohibit and impose requirements in relation to services such as a sanitary sewer system, including to require owners of real property to connect their buildings and structures to the appropriate sewer connections in the manner specified in the bylaw;

AND WHEREAS Council has established and adopted bylaws to provide for the collection and disposal of sewage within the District;

AND WHEREAS Council may, by bylaw, establish different rates or levels of fees in respect of a service of the District;

NOW THEREFORE the Council of the District of Coldstream ENACTS AS FOLLOWS:

TITLE

This Bylaw may be cited as the "DISTRICT OF COLDSTREAM SANITARY SEWER SYSTEM REGULATION AND RATE BYLAW NO. 1692, 2017".

INTERPRETATION

- 2 In this Bylaw:
 - **"BOD" or "Biochemical Oxygen Demand"** means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory conditions in five (5) days at 20° C, expressed in milligrams per litre as determined by the appropriate procedure in "Standard Methods".
 - "COD" or "Chemical Oxygen Demand" means the measure of the oxygen consuming capacity of organic and inorganic matter present in wastewater as determined by the appropriate procedure described in "Standard Methods".

"Commercial unit" means any user other than a residential unit or a multi-family unit.

"Director" means the Director of Infrastructure Services for the District, or a person authorized to act in his or her place.

"District" means the District of Coldstream.

"Domestic wastewater" means wastewater that is composed of liquid and water carried wastes associated with the use of water for drinking, cooking, cleaning, washing, hygiene, sanitation or other domestic purposes.

"Industrial wastewater" means wastewater that is composed of liquid and water carried wastes associated with processes employed in industrial manufacturing, trade, or commercial and business establishments, but does not include domestic wastewater.

"Interceptor" means a device designed to separate oil and suspended solids from wastewater effluent.

"Multi-family unit" means each detached residential unit in a mobile home park or one (1) self-contained residential unit in a building containing three (3) or more such units.

"Owner" shall be interpreted as defined in the Community Charter.

"Parcel" means a lot, block, or other area in which land is held or into which land is subdivided.

"Residential Unit" means a dwelling unit for one (1) family consisting of either a detached residence or one (1) dwelling unit in a two-family dwelling.

"Sanitary sewer system" means any sewerage works and appurtenances thereto owned by the District.

"Septic tank" means any device or structure designed for the temporary storage of wastewater.

"Service connection" means a pipe which is located at the property line of a parcel, to the edge of a statutory right-of-way, that connects the wastewater drainage system of a building or other structure on the parcel to the sanitary sewer system.

"Standard Methods" means the latest edition of *Standard Methods for the Examination of Water and Wastewater* as published by the American Public Health Association, American Waterworks Association and the Water Environment Federation.

"SS" or "Suspended Solids" means the solid matter, expressed in mg/L, in a liquid as determined according to "Standard Methods".

- 3 (1) Unless otherwise provided in this Bylaw, words and phrases used herein have the same meanings as in the *Community Charter*, *Local Government Act* and the *Interpretation Act* as the context and circumstances may require.
 - (2) A reference to an Act in this Bylaw refers to a statute of British Columbia, and a reference to any statute, regulation, bylaw or other enactment refers to that enactment as it may be amended or replaced from time to time.
 - (3) Words in the singular include the plural, and words in the plural include the singular.

- (4) Headings are for convenience only and must not be construed as defining or limiting the scope or intent of the provisions.
- (5) Provisions in this Bylaw that authorize the Director or the District to take any action must not be interpreted to mean that the Director or the District has any duty to take such action.
- 4 Schedules A, B, C and D are attached to and form part of this Bylaw.
- If any part of this Bylaw is held to be invalid by a court of competent jurisdiction, the invalid part is severed and the remainder of the Bylaw continues to be valid.

ADMINISTRATION

The Director is authorized to make orders, deliver notices, approve or refuse to approve applications for service connections and to make other decisions about specific service connections and the sanitary sewer system, and otherwise administer this Bylaw.

COMPLIANCE

- 7 (1) A person must not install or replace a service connection or interceptor except in accordance with this Bylaw and with the standards contained in the District's current Subdivision, Development and Servicing Bylaw.
 - (2) A person who receives an order or direction under this Bylaw must promptly comply with that order or direction.

MANDATORY CONNECTION TO THE SANITARY SEWER SYSTEM

- 8 (1) In areas where the sanitary sewer system is located in any portion of a highway or right of way, every owner of an adjacent parcel where a building or other structure is situated must connect such building or structure to the sanitary sewer system by installing and connecting a service connection, in accordance with this Bylaw, within the later of:
 - (a) twenty-four (24) months after the date this Bylaw is adopted; or
 - (b) twenty-four (24) months after the date of which a sanitary sewer system is or becomes located in any portion of a highway or other public right of way adjacent to the parcel.
 - (2) Before installing, repairing or replacing a service connection, the owner must apply for and obtain approval from the Director by submitting payment of applicable fees as established in Schedule C, and a completed application in a form approved by the Director, stating:
 - (a) the location of the property;
 - (b) whether the service connection is new or is to replace an existing connection;
 - (c) the expected characteristics of the discharge;

- (d) the size, volume, discharge pattern and location of the service connection;
- (e) the expected date and reason for disconnection, repair or replacement of an existing connection; and
- (f) further information pertaining to the work that is required by the Director.
- (3) The Director may refuse to approve a particular application under subsection (1) if the Director considers that:
 - (a) the content or quality of the wastewater to be discharged into the sanitary sewer system is contrary to this Bylaw;
 - (b) the standards established in this Bylaw, the Subdivision, Development and Servicing Bylaw or another enactment that applies to the work has not been or cannot be met;
 - (c) the sanitary sewer system does not have capacity for the expected discharge; or
 - (d) the expected discharge or work related to the service connection would present a risk to the proper functioning of the sanitary sewer system or a drainage system of the District.
- (4) The Director may require an owner to repair or replace a service connection if the Director considers that the existing connection is in need of repair or replacement.
- (5) Subsections (1) through (4) do not apply to parcels in the Agricultural Land Reserve or that are owned by the District.
- 9 All costs pertaining to the service connection to the sanitary sewer system shall be at the expense of the owner.
- Should the owner fail to connect the parcel to the sanitary sewer system as required in Section 8(1), the Director may, by written notification, order the owner to make connection to the sanitary sewer system, in a manner that is compliant with this and other applicable enactments, within one hundred and twenty (120) days or such time period that the Director considers to be necessary and reasonable in the circumstances.
- In the event the owner fails to make the required service connection within the time period stated in Section 10 or a notice from the Director, the Director may order the required service connection to be made by District employees, or others, and all costs incurred are recoverable pursuant to Section 21 or as otherwise provided by law.

CONNECTION TO THE SANITARY SEWER SYSTEM

Where an existing septic tank is no longer in use, the owner of the parcel upon which the septic tank is situated shall, within six (6) months or longer if approved in writing by the Director, remove the sludge or deposit in the tank and shall thereupon fill the tank with gravel or sand.

- Every owner of a building or other structure where a sanitary sewer is to be installed must ensure the service connection is installed in accordance with the standards contained in the District's current Subdivision, Development and Servicing Bylaw, and that it is installed prior to the installation of the building's sanitary sewer.
- Every owner and operator of a food preparation facility must ensure that grease and oil interceptors are installed in the facility and are maintained in good working order so as to prevent the discharge of grease and oil to the sanitary sewer system.
- Every owner and operator of a vehicle repair and maintenance establishment must ensure that grease, oil and sand interceptors are installed on the business premises and are maintained in good working order so as to prevent the discharge of grease, oil and sand to the sanitary sewer system.
- Every owner who is required to install an interceptor must ensure it is installed upstream of the sanitary sewer system service connection and is located so as to be readily accessible for inspection and maintenance.
- 17 The owner or occupier of any premises upon which an interceptor is installed must ensure it is maintained in a good working condition at all times.
- The owner or occupier of any premises in or upon which a grease, oil or sand interceptor is installed must provide records of maintenance of the interceptor on being requested to do so by the Director.
- The owner or occupier of any premises must ensure that a control manhole for a service connection is installed and is maintained in good working order and that it is accessible to the District at all times to inspect and sample material entering the sanitary sewer system.
- The control manhole and flowmeter specification must be approved by the Director prior to connection to the sanitary sewer system.

RECOVERY OF COSTS

- 21 (1) Any costs incurred as a result of action taken by the District pursuant to this Bylaw shall:
 - (a) be at the expense of the owner; and
 - (b) be in addition to and not in substitution for any fine or other penalty to which the owner may be subject pursuant to the provisions of this Bylaw.
 - (2) The amount stated on an invoice by the District pursuant to subsection (1) is a debt owing to the District by the owner, which, if due and payable by December 31st, and unpaid on that date, may be collected as for taxes in arrears.

WASTE DISCHARGE

- 22 (1) A person must not release or discharge, or cause, suffer or allow the release or discharge into the sanitary sewer system of any waste described in Schedule A [Prohibited Waste] or Schedule B [Restricted Waste].
 - (2) If, despite subsection (1), any waste prohibited under that section is discharged into the sanitary sewer system, an owner or occupier who becomes aware of such discharge must, as soon as possible, notify the District of that occurrence and take any and all steps which the Director may direct to halt or reduce the discharge and mitigate any anticipated or actual damage to the sanitary sewer system, other property, or injury to persons who may be affected.

ENTRY AND INSPECTION

The Director, a building official, or another person employed by the District or authorized by its Council may, at reasonable times, enter on any property to inspect and determine whether this Bylaw is being met or to take remedial or other action authorized by the *Community Charter* or another statute.

MONITORING OF DISCHARGE TO THE SANITARY SEWER SYSTEM

- If the Director finds, through sampling and analysis, that any discharge to the sanitary sewer system from a premises is in violation of this Bylaw, the Director may, by notice in writing, order the owner or occupier of the premises to take steps to comply with the Bylaw and may require the owner or occupier to install monitoring equipment as necessary to demonstrate compliance with this Bylaw.
- All tests, measurements, analysis and examinations of wastewater required to demonstrate compliance with this Bylaw shall be at the cost of the owner or occupier of the premises where a discharge occurs.

OFFENCE AND PENALTIES

- Any person who violates any provision of this Bylaw; who neglects or fails to do anything required to be done under this Bylaw; or who causes or allows another person to violate this Bylaw or fail to comply with a requirement of this Bylaw commits an offence and, in addition to being subject to other penalties and remedies available to the District at law, on being convicted is liable to pay:
 - (a) a minimum fine of \$500;
 - (b) a maximum fine of \$10,000;

- (c) in the case of a continuing offence, for each day that the offence continues, either or both of:
 - i. a minimum fine under paragraph (a);
 - ii. a maximum fine under paragraph (b);
- (d) the costs of prosecution and any further penalties which the court may impose in relation to the offence.

FEES, RATES AND OTHER CHARGES

The owner of a property is responsible for paying the fees, rates and other charges set out in Schedule C.

REPEAL

"District of Coldstream Sewerage Systems Regulation and User Charge Bylaw No. 1480, 2006" and amendments thereto are hereby repealed.

READ A FIRST TIME this	13 th	day of	March	2017
READ A SECOND TIME this	13 th	day of	March	2017
READ A THIRD TIME this	13 th	day of	March	2017
ADOPTED this	27 th	day of	March	2017

Corporate Officer Mayor

Attachments: Schedule A – Prohibited Waste

Schedule B – Restricted Waste

Schedule C – Fees, Rates and Other Charges

Schedule D – Properties Exempted

PROHIBITED WASTE

The following are designated as Prohibited Waste:

- 1 Any material which causes or will cause an adverse effect.
- 2 Any stormwater.
- 3 Any flammable or explosive material.
- Any pesticides, insecticides, herbicides, or fungicides save and except chemicals contained in stormwater emanating from trees or vegetation treated in accordance with the *Pesticide Control Act*.
- Any material capable of obstructing wastewater flow or interfering with the operation of any part of the wastewater collection system. These materials include paper, sanitary wipes, diapers, ashes, cinders, sand, mud, straw, grass clippings, insoluble shavings, metal, glass, rags, feathers, tar, asphalt, creosote, plastics, wood, animal paunch contents, offal, blood, bones, meat trimmings and waste, fish or fowl head, shrimp, crab or clam shells, fish scales, entrails, lard, mushrooms, tallow, baking dough, chemical residues, cannery or wine waste, bulk solids, hair and fleshings, spent grain and hops, whole or ground food or beverage containers, garbage, paint residues, cat box litter, slurries of concrete, cement, lime or mortar.
- Any material, other than domestic wastewater, which by itself or in combination with another substance is capable of creating odours related to but not limited to hydrogen sulfide, carbon disulfide, other reduced sulfur compounds, amines or ammonia outside or in and around the wastewater collection system.
- Any noxious or malodorous material which by itself or in combination with another material is capable of creating a public nuisance or hazard to life or may be prevent entry into a sewer or pump station for its maintenance or repair.
- Any material with corrosive properties which by itself or in combination with another material may cause damage to any part of the wastewater collection system.
- 9 Any infectious material which by itself or in combination with another material may create a contaminant in any part of the wastewater collection system.
- Grit removed from commercial or industrial premises including but not limited to grit removed from car washing establishments, automobile garages, restaurant sumps or interceptors.
- Any material classified as a "hazardous waste" as defined in the *Environmental Management Act*.

RESTRICTED WASTE

The following are designated as Restricted Waste:

- Any wastewater having a BOD in excess of 500 mg/L as analyzed in a twenty-four-hour composite sample, 1000 mg/L as analyzed in a two-hour composite sample, or 2000 mg/L as analyzed in a grab sample.
- Any wastewater having a COD in excess of 750 mg/L as analyzed in a twenty-four-hour composite sample, 1500 mg/L as analyzed in a two-hour composite sample, or 3000 mg/L as analyzed in a grab sample.
- Any wastewater having a SS in excess of 500 mg/L as analyzed in a twenty-four-hour composite sample, 1000 mg/L as analyzed in a two-hour composite sample, or 2000 mg/L as analyzed in a grab sample.
- Any wastewater which contains oil and grease in a concentration that is in excess of 100 mg/L as analyzed in a twenty-four-hour composite sample, 200 mg/L as analyzed in a two-hour composite sample, or 400 mg/L as analyzed in a grab sample.
- Any wastewater which contains oil and grease derived from a petroleum source in a concentration that is in excess of 15 mg/L as analyzed in a twenty-four-hour composite sample, 30 mg/L as analyzed in a two-hour composite sample, or 60 mg/L as analyzed in a grab sample.
- 6 Any material which may solidify or become viscous at temperatures above 0°C.
- 7 Any wastewater having a temperature greater than 65° C.
- Any wastewater having a pH lower than 5.0 or higher than 11.0 as determined by a grab sample, or less than 5.5 or higher than 10.5 as determined by a two-hour composite sample.
- Any wastes from the preparation, cooking and dispensing of food that has not been property comminuted to 12 mm or less in any dimension. Such waste must be shredded to such a degree that all particles will be freely carried under the flow conditions prevailing in the sanitary sewer collection system.
- Any wastewater containing a hazardous, toxic or poisonous substance in sufficient quantity to injure or interfere with any sanitary sewer system or wastewater treatment system which could constitute a hazard to humans or animals, or create a hazard in areas receiving treated effluent.
- Any wastewater containing dyes or colouring material which pass through and discolour any part of the sanitary sewer system.

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- Any wastewater containing substances in concentrations that are not amenable to treatment or reduction in the wastewater treatment process being employed by the City of Vernon at any given time or that cannot be treated to such a degree during the normal wastewater treatment process to meet the requirements of the City of Vernon's Ministry of Water, Land and air Protection Operational Certificate or any other applicable provincial or federal legislation that may be in effect.
- Any wastewater with a concentration, in a combined or uncombined form, in excess of the levels set out below:

		Conce	ntration in	mg/L
Substance	Expressed As	Α	В	С
Aluminum	Al	50	100	200
Arsenic	As	1	2	4
Boron	В	50	100	200
Cadmium	Cd	0.2	0.4	0.8
Chromium	Cr	4	8	16
Cobalt	Co	5	10	20
Copper	Cu	2	4	8
Cyanide	Cn	1	2	4
Iron	Fe	10	20	40
Lead	Pb	1	2	4
Manganese	Mn	5	10	20
Mercury	Hg	0.05	0.1	0.2
Molybdenum	Mo	1	2	4
Nickel	Ni	2	4	8
Phenols		1	2	4
Phosphorus	Р	12.5	25	50
Silver	Ag	1	2	4
Sulphate	SO ₄	1500	3000	6000
Sulphide	S	1	2	4
Tin	Sn	5	10	20
Zinc	Zn 3 6 12			12
	A: 24-hour composite sample			
	B: 2-hour composite sample			
	C: Grab sample			

Any wastewater which contains additional water added solely for the purpose of diluting waste which would otherwise exceed the applicable maximum concentrations.

FEES, RATES AND OTHER CHARGES

BASE FEE AND CONSUMPTION RATE

		Base Fee	Consumption	Consumption
		<u> Dase i ee</u>	<u>Included</u>	<u>Rate</u>
1	Residential	\$94.10 per quarter	Up to 15 cubic metres	\$2.51 per cubic metre
2	Commercial	\$94.10 per quarter	Up to 15 cubic metres	\$2.51 per cubic metre
3	Multi-Family	\$94.10 per quarter	Up to 15 cubic metres, per unit	\$2.51 per cubic metre

- For consumption less than fifteen (15) cubic metres, the base fee shall apply. For consumption greater than fifteen (15) cubic metres, the rate shall be the base fee plus the consumption rate, over fifteen (15) cubic metres.
- The consumption per metre rate shall be charged based on the measured quantity of water consumption in the first billing period of the year (approximately January to March). This consumption shall be multiplied by the consumption rate for each and every quarter.
- Interest at the rate of twelve percent (12%) per annum shall be charged on any current amounts unpaid by a day designated by the District Treasurer.

PRORATION OF FEES

7 Fixed fees shall be reduced based on the connection date to the system after the start of the quarter:

Connection Date	Reduction	Net Charge
0 - 30 days	0	\$94.10
30 - 60 days	33%	\$62.10
60 days - end of quarter	66%	\$31.05

SANITARY SEWER SERVICE CONNECTION FEES

There shall be a fee payable for the installation of a 100 mm diameter sanitary sewer service connection, from the District's main to the property line, in the amount of five thousand dollars (\$5,000).

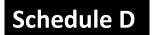
Schedule C

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- (2) In those cases where a developer has installed sanitary sewer connections, the service connection fee shall not be charged. Those owners wishing to connect shall be charged the plumbing permit fee set out in the District's current Building and Plumbing Bylaw, and all subsequent amendments.
- (3) In those cases where the District has installed or has paid for the sanitary sewer connections from the District's main to the property line, the service connection fee shall be the same as subsection (1).
 - This subsection does not apply to properties identified in Schedule D.
- (4) For sanitary service connections exceeding 100 mm in diameter, fees payable shall be the same as subsection (1), plus any additional costs incurred.

WATER SUPPLY

9 Where a user of the sanitary sewer system does not obtain water from the Greater Vernon Water Utility and the base fee as set out in Sections 2 or 3 of this Schedule applies, where the water consumption must be known, then the user shall be required to ensure that all the necessary equipment is in place to obtain the consumption amount.



PROPERTIES EXEMPTED

Roll#	Plan #	Lot#	Civic Address
1753-000	18800	1	10104 Kalamalka Road
1753-000	9762	1	10104 Kalamalka Road
693-000	320	44	10106 Kalamalka Road
698-000	B4105		10509 Kalamalka Road
700-000	19954	1	11003 Kalamalka Road
700-010	19954	2	11101 Kalamalka Road
701-020	12405	AM1	11105 Kalamalka Road
701-040	31026	Α	11109 Kalamalka Road
701-060	KAP47865	Α	11103 Kalamalka Road
703-000	8382	2	10305 Kalamalka Road
711-000	8382	10	10207 Kalamalka Road
712-000	8382	11	10203 Kalamalka Road
713-000	B4907	REM	8120 Whetzell Drive
714-000	13576	1	10109 Kalamalka Road
715-005	EPP20278	1	10105 Kalamalka Road
715-010	EPP20278	2	10015 Kalamalka Road
715-015	EPP20278	3	10011 Kalamalka Road
718-000	4123	2	10003 Kalamalka Road
719-000	2544	D	9913 Kalamalka Road
734-060	28737	2	10850 Kalamalka Road
737-100	KAP48655	2	10830 Kalamalka Road
739-000	320	31A	10603 Coldstream Creek Road
742-050	37470	Α	10405 Coldstream Creek Road
743-000	D143810F		10402 Kalamalka Road
744-000	320 (DDW2530F)	Α	10202 Kalamalka Road
807-020	23141	2	9604 Kalamalka Road
827-000	7328	3	9800 Kalamalka Road
828-000	7328	2	9704 Kalamalka Road
829-000	7328	1	9700 Kalamalka Road
830-000	7328	4	9804 Kalamalka Road
831-015	EPP18765	1	9904 Kalamalka Road
831-020	22730	2	9908 Kalamalka road
831-060	25681	4	7907 Bonavista Drive
832-000	8718	1	9912 Kalamalka Road
807-470	23141	47	7909 Giles Drive
807-010	23141	1	7908 Giles Drive
807-450	23141	45 2	7905 Giles Drive
807-030 807-440	23141	3 44	7904 Giles Drive 7901 Giles Drive
807- 44 0 807-040	23141 23141	44	7901 Giles Drive 7900 Giles Drive
007 040	<u> </u>	7	, 300 Giles Drive

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Roll #	Plan #	Lot#	Civic Address
807-050	23141	5	7812 Giles Drive
807-430	23141	43	7809 Giles Drive
807-060	23141	6	7808 Giles Drive
807-420	23141	42	7805 Giles Drive
807-070	23141	7	7804 Giles Drive
807-410	23141	41	7801 Giles Drive
807-080	23141	8	7800 Giles Drive
807-090	23141	9	7710 Giles Drive
807-400	23141	40	7709 Giles Drive
807-100	23141	10	7706 Giles Drive
807-390	23141	39	7705 Giles Drive
807-110	23141	11	7702 Giles Drive
807-380	23141	38	7701 Giles Drive
807-370	23141	37	7613 Giles Drive
807-120	23141	12	7612 Giles Drive
807-360	23141	36	7609 Giles Drive
807-130	23141	13	7608 Giles Drive
807-350	23141	35	7605 Giles Drive
807-140	23141	14	7604 Giles Drive
807-340	23141	34	7601 Giles Drive
807-150	23141	33	7600 Giles Drive
807-160	23141	16	7506 Giles Drive
807-180	23141	18	7503 Giles Drive
807-240	23141	24	7601 Birch Drive
807-330	23141	33	7600 Birch Drive
807-190	23141	19	9512 Pine Drive
807-200	23141	20	9508 Pine Drive
807-210	23141	21	9504 Pine Drive
807-220	23141	22	9500 Pine Drive
807-230	23141	23	9410 Pine Drive
802-060	KAP50772	6	9404 Pine Drive
802-070	KAP50772	7	9403 Pine Drive
802-050	KAP50772	5	9400 Pine Drive
802-040	KAP50772	4	9312 Pine Drive
802-080	KAP50772	8	9311 Pine Drive
802-030	KAP50772	3	9308 Pine Drive
802-090	KAP50772	9	9305 Pine Drive
802-020	KAP50772	2	9304 Pine Drive
802-100	KAP50772	10	7506 Coldstream Creek Road
802-010	KAP50772	1	7502 Coldstream Creek Road
801-000	14460	1	7402 Coldstream Creek Road
834-020	320	38A	9109 Mackie Drive
964-000	KAP11595	1	8005 Aberdeen Road
965-000	KAP11595	2	8009 Aberdeen Road
975-000	KAP9074	1	9603 Kalamalka Road