

A bylaw for the establishment, regulation, and use of the Sanitary Sewer System

WHEREAS under the *Community Charter S.B.C. c26* authorizes Council to regulate, prohibit and impose requirements in relation to municipal services;

AND WHEREAS, Council considers it desirable to regulate sanitary sewer services in the District of Hope to the extent provided herein;

NOW THEREFORE the Council of the District of Hope, in open meeting assembled, enacts as follows:

CITATION

1. This bylaw may be cited as the ***District of Hope Sanitary Sewer Regulation Bylaw No. 1563, 2023.***

DEFINITIONS

2. In this bylaw:

“Best Management Practices (BMP)” means an integrated plan to control and reduce the release of restricted and prohibited waste into the wastewater treatment plant to a practicable extent, through methods including physical controls, pretreatment processes, operational procedures, and staff training;

“Billing Period” means a billing cycle in which consumption is measured and charges, rates and fees are assessed accordingly under the provisions of this bylaw;

- annually for residential utility connections
- quarterly for industrial, commercial, and institutional connections

“Biochemical Oxygen Demand (BOD)” means the quantity of oxygen, expressed in milligrams per litre, utilized in the biochemical oxidation of organic matter under standard laboratory procedure according to Standard Methods;

“Building Sewer” means the portion of the pipe and appurtenances to it outside a building or structure which connect it to the Sanitary Sewer System, or other place of disposal, commencing 1 metre from the outer face of the wall of the building or structure to the real property line;

“District Sewer Connection” means that part of any pipe leading from the private sewer connection and connected to the District sewer and located within the limits of the public road allowance, or other public lands or public land interests held for sewerage purposes;

“Clear-Water Waste” means non-contact cooling water and other water that has not come into contact with wastewater contaminant sources;

“Collector” means the Collector for the District of Hope or designate;

“Commercial Use” means office, retailing, restaurant, personal service, and professional service uses;

“Compliance Program” means the necessary steps undertaken by a discharger to bring wastewater discharged into the District’s sanitary sewer into compliance with the terms and conditions of this bylaw or related permit;

“Composite Sample” means a volume of wastewater, uncontaminated water, clear-water, or effluent made up of 3 or more grab samples that have been combined automatically or manually and taken at intervals during the sampling periods;

“Council” means the Council of the District of Hope;

“District” means the District of Hope;

“Discharge Abatement Order” means an order issued by the Director of Operations instructing a person to discontinue or modify the discharge of sewage into the Sanitary Sewer System;

“Domestic Wastewater” means waste produced on residential premises, or sanitary waste and wastewater from showers and restroom washbasins produced on a non-residential property;

“Director of Operations” means the Director of Director of Operations for the District of Hope or designate.

“Extra Strength” means refers to wastewater released to the sewer that is higher in concentration for 1 or more constituent concentrations set out in Schedule “B” or containing constituents identified in Schedule “B” of this bylaw;

“Forcemain” means a sanitary sewer line in which waste water is pushed through the line by external pressure;

“Grab sample” means a single sample collected without consideration to the flow in the waste stream or without consideration of time;

“Hazardous substances” means:

- a. any substance or mixture of substances, other than a pesticide, that exhibits characteristics of flammability, corrosivity, reactivity or toxicity; and,
- b. any substance that is designated as a hazardous substance within the meaning of federal and provincial regulations, as amended from time to time;

“Hazardous Waste” means any hazardous substance disposed of as waste;

“Industrial Discharge” means any sewage or waste, other than domestic sewage, generated from the manufacture of a product or the processing of a material;

“Industrial use” means manufacturing, production, assembly, testing, warehousing, distribution, or storage of products (including information technology) and materials;

“Infill Lot” means a lot which exists, or is created by further subdivisions, within an existing subdivision;

“Inspector” means a person authorized by the District to carry out observations and inspections and take samples as prescribed by this bylaw;

“Institutional Use” means a non-profit cultural, recreational, social religious, governmental, public hospital, or educational use;

“Medical Health Officer” means the Medical Health Officer, or designate, for the Provincial Ministry of Health in the District of Hope;

“Monitoring Access Point” means an access point, such as a chamber, in a private sewer connection to allow for observation, sampling and flow measurement of the wastewater or uncontaminated water therein;

“Community Development” means the Community Development Department of the District of Hope;

“Non-Domestic Wastewater” means all wastewater except domestic wastewater, uncontaminated water, and septic tank waste;

“Oil and Grease” means any type of oil or grease, or any substance derived from a petroleum source or n-Hexane extractable matter as described in Standard Methods;

“Owner” means the person or persons, including a corporation or company, registered in the records of a land title office as owner in fee simple of a real property or, where there is a registered agreement for sale and purchase of the real property, the registered holder of the last registered agreement for sale and purchase, and includes that person's authorized agent;

“Parcel” includes a parcel under the Land Title Act and a strata lot under the Strata Property Act;

“Pollution Prevention Plan” means a plan prepared by an Environmental Engineer containing measures to control or eliminate the release of industrial discharge into the Sanitary Sewer System;

“Pretreatment” means the reduction, elimination, or alteration of pollutants in wastewater prior to discharge into the sanitary sewer;

“Pretreatment Processes” means one or more treatment processes or devices designed to remove sufficient matter from wastewater discharged into the District sewer to enable compliance with effluent limits established in this bylaw;

“Private Sewer Connection” means that part of any pipe or system of pipes, lying within the limits of the private lands and leading to the District sewer connection whose responsibility for maintenance is the property owner’s;

“Prohibited Waste” means prohibited waste as defined in Schedule “A” of this bylaw;

“Restricted Waste” means restricted waste as defined in Schedule “B” of this bylaw;

“Sampling Port” means a valve, tap, or similar device on equipment, a pipe or at another suitable location, to allow for sampling, consistent with technical guidelines that the District may establish from time to time.

“Sanitary Sewer” means a sewer for the collection and transmission of domestic or industrial wastewater or any combination thereof.

“Sanitary Sewer System” means the wastewater works and all appurtenances to it owned and operated by the District of Hope, its agents, or contractors, within any highway, municipal right of way or easement, including pumping stations, treatment plants, lagoons, and sewer effluent outfalls;

“Septic Tank Waste” means any waste extracted from a cesspool, septic tank, sewage holding tank, seepage pit, interceptor or other containment for human excretion and wastes;

“Approved Service Connection Application” means an application completed by the property owner or agent requesting services to a Parcel and has been approved by the District of Hope and paid in full.

“Service Connection” means the pipe and appurtenances which connect a Building Sewer to the Sanitary Sewer System;

“Sewage” means any wastewater but does not include storm water;

“Sewer” means a pipe or conduit for the collection and transmission of wastewater or sewage, contaminated water, or any combination thereof but does not include a service connection;

“Spill” means a direct or indirect discharge into the wastewater works, or the natural environment which is abnormal in quantity or quality in light of all the circumstances of the discharge;

“Standard Methods” means a procedure or method set out in the current edition of the publication “Standard Methods for the Examination of Water and Wastewater” published jointly by the American Public Health Association, American Water Works Association and the Water Environment Federation or approved in writing by the Director of Operations;

“Total Suspended Solids” (TSS) means the quantity of suspended solids in wastewater, expressed in milligrams per litre, under standard laboratory procedure according to standard methods;

“Trucked Wastewater” means waste removed from a wastewater system, including a cesspool, a septic tank system, a privy vault or privy pit, a chemical toilet, a portable toilet, a wastewater holding tank, or any industrial waste approved by the Director of Operations for discharge into the Sanitary Sewer System which is transported to a designated discharge location;

“Waste Discharge Permit” means a permit issued pursuant to this Bylaw for the discharge of non-domestic sewage into the Sanitary Sewer System or a watercourse, or into a disposal system connected to the Sanitary Sewer System or a watercourse.

“Wastewater” means the composite of water and water-carried wastes from residential, commercial, industrial, or institutional premises or any other source; “wastewater sludge” means solid material recovered from the wastewater treatment process;

“Wastewater Treatment Plant” means any structure or thing used for the physical chemical, biological or radiological treatment of wastewater, and includes sludge treatment, wastewater sludge storage and disposal facilities;

ESTABLISHMENT OF SEWERAGE WORKS

3. The District hereby establishes a system of sewage works for the collection, conveyance and disposal of sewage referred to as the Sanitary Sewer System and including the Wastewater Treatment Plant (Pollution Control Center).

SANITARY SEWER REQUIREMENTS

4. No Person shall release, or permit the release of, any wastewater into the Sanitary Sewer System except:
 - 1) domestic wastewater;
 - 2) non-domestic wastewater that complies with the requirements of this bylaw;
 - 3) trucked wastewater, including septage, that complies with the requirements of this bylaw, or where a Waste Discharge Permit has been issued by the Director of Operations;
 - 4) clear-water waste, subsurface water, or other matter where a Waste Discharge Permit has been issued by the Director of Operations;
 - 5) extra strength wastewater where a Waste Discharge Permit has been issued by the Director of Operations.
5. No person shall release, or permit the release of, any prohibited substance listed in Schedule “A” of this bylaw.

6. No person shall release, or permit the release of, any restricted substance which exceeds the respective concentrations listed in Schedule "B" of this bylaw into the sanitary sewer system.
7. If required by the District, all non-domestic and trucked wastewater dischargers shall complete and submit an Abbreviated Discharger Information Report to the Director of Operations in the form designated by the District for that purpose.
8. If required by the District, non-domestic and trucked wastewater dischargers shall complete and submit a Complete Discharger Information Report to the Director of Operations in the form designated by the District for that purpose.
9. No non-domestic or trucked wastewater discharger shall discharge into the Sanitary Sewer system until the discharger has obtained a Waste Discharge Permit from the Director of Operations in the form designated by the District for that purpose.

DISCHARGE ABATEMENT

10. The Director of Operations may issue a Discharge Abatement Order to:
 - 1) require a person to alter the quantity, composition, duration, and timing of the discharge or cease discharge of non-domestic wastewater or trucked wastewater to a sewer or wastewater treatment plant;
 - 2) include any terms or conditions that could be included in a Waste Discharge Permit; and
 - 3) shut down all non-compliant releases.
11. The Director of Operations may amend or cancel a Discharge Abatement Order.
12. The Director of Operations may request a discharger of industrial waste to prepare a Pollution Prevention Plan and submit a copy to the District with respect to the premises from which the discharge occurs unless such Industry continually meets the requirements of Schedules "A" and "B" of this bylaw.
13. The Pollution Prevention Plan shall be in the form designated by the District for that purpose.
14. An existing Industry may be required to submit to the Director of Operations a proposed Compliance Program setting out activities to be undertaken by the industry that would result in the prevention or reduction and control of the discharge of wastewater from the industry's premises into District or private sewer connections to any sanitary sewer.

PERMISSION REQUIRED TO CONNECT

15. No person shall make any connection to the Sanitary Sewer System or a service connection without first obtaining written permission from the Director of Operations as set out in this bylaw.

CONNECTION FOR NEW CONSTRUCTION

16. Where the Sanitary Sewer System adjoins a real property on which a building or other structure is constructed for any human occupancy or use, or is intended for any human occupancy or use, the owner shall connect the Building Sewer of the building or structure to the Sanitary Sewer System in accordance with the provisions of this bylaw.

CONNECTION FOR AN EXISTING BUILDING

17. Where the District extends the Sanitary Sewer System to a real property on which a building or structure already exists for any human occupancy or use, or is intended for any human occupancy or use, the owner shall connect the Building Sewer of the building or structure to the Sanitary Sewer System in accordance with the provisions of this bylaw.

PRE-EXISTING SERVICE CONNECTION

18. Where an owner is required to connect a building or structure to the Sanitary Sewer System and a service connection already exists, the owner shall make Application for a Service Connection in accordance with the provisions of this bylaw prior to connecting to the service connection.

REQUIRED TO USE SANITARY SEWER SYSTEM

19. Where the Building Sewer of a building or structure has been connected to the Sanitary Sewer System, all sewage from the building or structure shall be discharged through the Building Sewer and no person shall cause or permit any sewage to be drained, discharged, or disposed of in any other manner.

FAILURE TO CONNECT

20. Where an owner is required by this bylaw to connect a building or structure to the Sanitary Sewer System and fails or neglects to connect the building or structure in the time or manner specified in this bylaw or in any notice issued by the District, the District may, by its workers or others, perform the work at the expense of the owner.

APPLICATION FOR SERVICE CONNECTION

21. Every owner required to connect and/or alter the Building Sewer of a building or structure to the Sanitary Sewer System shall prior to connecting *or undertaking work*:
 - 1) make Application for a Service Connection and receive approval for connection.
 - 2) submit any plans, specifications, or information which the Director of Operations considers pertinent to the application; and,
 - 3) pay the fee set out in Schedule "I" of the District *Fees and Charges Bylaw*

- 22.** Every holder of an approved Service Connection Application shall:
be responsible for the cost of construction and maintenance of the Building Sewer;
- 1) ensure the correct elevation of the Building Sewer for connection to the Sanitary Sewer System, and where the elevation does not permit gravity flow, shall install, operate, and maintain a sewage pumping system or device as approved by the Director of Operations; and,
 - 2) notify the Operations Department when the work authorized by the Approved Service Connection Application is ready for inspection and no work shall be covered until it has been inspected and passed.

REFUSAL TO ISSUE SERVICE CONNECTION APPROVAL

- 23.** The Director of Operations may refuse to issue approval of a sewer connection application, if in the opinion of the Director of Operations:
- 1) the Sanitary Sewer System would be incapable of handling the additional load or the load would cause danger of sewer overflow and flooding of the real property.
 - 2) the sewage proposed to be discharged is or may be injurious to, or may impair the efficiency of, the Sanitary Sewer System.
 - 3) the sewage does not comply with the terms and conditions set out in this bylaw.
 - 4) the proposed connection constitutes excess or extended services under Section 939 of the *Local Government Act* and has not been issued a Certificate of Acceptance pursuant to the District's Subdivision and Development Servicing Bylaw, in force from time to time.

PRIVATE DISPOSAL SYSTEMS

- 24.** Where the Sanitary Sewer System is not available, every owner on which a building or structure exists for any human occupancy or use, or is intended for any human occupancy or use, shall connect the Building Sewer to a private sewage disposal which shall be installed, operated and maintained by the owner in accordance with all applicable District bylaws, the *Health Act* and any other applicable regulation.
- 25.** Where a real property has been served by a septic tank system and is subsequently connected to the Sanitary Sewer System, the owner shall within 1 month of the connection, remove or clean out the septic tank system and fill in the tank or excavation with clean fill so that no danger of a cave-in shall exist.
- 26.** No person shall connect any septic tank system to the Sanitary Sewer System or a Service Connection.

SEPTAGE RECEIVING

- 27.** The District of Hope has a septage receiving facility at the Wastewater Treatment Plant (Pollution Control Center) available for approved carriers to dispose of Trucked Wastewater. The District accepts trucked wastewater as

defined in this bylaw. Prohibited and restricted wastes as outlined in the bylaw are not accepted.

28. The facility is only available for waste originating within the District of Hope municipal boundaries.
29. Requirements to access the septage receiving facility include:
 - 1) account with the District of Hope
 - 2) completed Declaration Form
 - 3) waste originating from within District of Hope boundaries
 - 4) trucked wastewater must comply with this bylaw
30. Failure to accurately declare the source of trucked wastewater being deposited may result in revoking access to the septage receiving station and/or issuance of fines.

DISCONNECTION

31. No person shall disconnect or in any manner discontinue the sewage service of any building or structure connected to the Sanitary Sewer System without the written permission of the Director of Operations.
32. Where any building or structure which is connected to the Sanitary Sewer System is to be demolished, or the building or structure may be disconnected from the Sanitary Sewer System, the owner shall first make application to the Community Development Department for a Demolition Permit and pay a disconnection fee as set out in Schedule "I" of District's Fees and Charges Bylaw.
33. Where wastewater which:
 - 1) is hazardous or creates an immediate danger to any person;
 - 2) endangers or interferes with the operation of the wastewater collection system; or
 - 3) causes or is capable of causing an adverse effect;is discharged to the Sanitary Sewer System, the Director of Operations may, in addition to any other remedy available, disconnect, plug, or seal off the sewer line discharging the unacceptable wastewater into the Sanitary Sewer System or take such other action as is necessary to prevent such wastewater from entering the Sanitary Sewer System.
34. The wastewater may be prevented from being discharged into the Sanitary Sewer System until evidence satisfactory to the Director of Operations has been produced to assure that no further discharge of hazardous wastewater will be made to the Sanitary Sewer System.
35. Where the Director of Operations takes action pursuant to Section 30, the Director of Operations may, by notice in writing, advise the owner or occupier of the premises from which the wastewater was being discharged, of the cost of taking such action and the owner or occupier, as the case may be, shall forthwith reimburse the District for all such costs which were incurred.

ABANDONED BUILDING SEWER

- 36.** Where any Building Sewer is abandoned, the owner shall block the Building Sewer at the Service Connection with a watertight seal and shall have the seal inspected by the Director of Operations prior to covering the site.

INTERCEPTORS

- 37.** Where any building or structure on any real property is used, or intended to be used, for any industrial, commercial, or institutional purpose, the Director of Operations may require the use of interceptors in the Building Sewer for the control of sewage containing grease, flammable substances, sand, grit, or any other harmful ingredient.
- 38.** Interceptors required, pursuant to this bylaw, shall be installed and maintained by the owner at the owner's expense and shall be of the quantity and type as prescribed by the Director of Operations and shall be located so as to be easily accessible for inspection.

PROHIBITED DISCHARGE

- 39.** No person shall discharge, deposit, or throw, or allow or permit to be discharged, deposited, or thrown into any part of the Sanitary Sewer System:
- 1) any sewage or waste of any kind except as provided for in this bylaw;
 - 2) any substance which, in the opinion of the Director of Operations, may obstruct, injure, or interfere with the Sanitary Sewer System or Wastewater Treatment Plant;
 - 3) any prohibited waste, or restricted waste as set out in Schedules "A" and "B" of this bylaw; or,
 - 4) any trucked wastewater except where authorized by the Director of Operations and subject to the fees set out in Schedule "I" of the District's Fees and Charges Bylaw

DIRECTOR OF OPERATIONS MAY IMPOSE SPECIFIC REQUIREMENTS

- 40.** No person shall discharge trucked wastewater to the Sanitary Sewer System unless the carrier meets all conditions for discharge that are or may be set from time to time with respect to the trucked wastewater by the District;
- 41.** No person shall discharge or permit the discharge of trucked wastewater at a location other than a trucked wastewater discharge location approved by the District.
- 42.** No person shall discharge or permit the discharge of sanitary waste from recreational vehicles except at a facility which has been approved by the Director of Operations through a Waste Discharge Permit.

- 43.** Every person wanting to discharge trucked wastewater at the wastewater Treatment Plant (Pollution Control Center) shall:
- 1) establish and maintain a valid credit account with the District of Hope
 - 2) prior to discharge, provide a signed declaration for each truck load identifying the date, origin, and type of waste - this declaration shall be signed by the owner or occupier of real property at the origin of the waste; and,
 - 3) obtain annual written authorization from the Director of Operations for all non-domestic trucked wastewater - this authorization shall be obtained prior to trucking waste.
- 44.** Where, in the opinion of the Director of Operations, any person discharges or proposes to discharge any sewage into the Sanitary Sewer System which does not comply with the terms and conditions set out in this bylaw, the Director of Operations may:
- 1) prohibit the sewage from being discharged;
 - 2) require the person, at the person's expense, to install, operate and maintain:
 - a) flow-equalizing equipment and facilities to control the quantity and rate of sewage;
 - b) pre-treatment equipment and facilities to provide pretreatment of the sewage to meet the terms and conditions set out in this bylaw; and
 - c) monitoring equipment and facilities to monitor the quantity and content of the sewage.
 - 3) with the approval of Council, charge an additional fee to cover the added cost of handling and treating the sewage; and,
 - 4) require the person to obtain a professional consultant's report on the effect of the sewage on the Sanitary Sewer System.
- 45.** Where any person discharges any sewage or waste into the Sanitary Sewer System which requires treatment or removal by the District, that person shall be responsible to pay to the District the costs of treatment or removal which shall be:
- the actual cost to treat or remove all substances which must be treated or removed to comply with the terms and conditions set out in this bylaw;
- 1) in the case of BOD, and TSS which exceeds the limits set out in Schedule "B" of this bylaw, an additional treatment charge as set out in Schedule "I" of current District Fees and Charges Bylaw
 - 2) the actual cost to repair or replace any part of the Sanitary Sewer System or Wastewater Treatment Plant damaged, injured or rendered inoperable by the discharge.
- 46.** Every person who is charged a fee for the discharge of sewage or waste pursuant to Sections 39 and 45 of this bylaw, may dispute the Director of Operations' analysis of the sewage or waste by appealing to Council through the office of the District Corporate Officer and submitting an analysis from a competent recognized laboratory documenting substance descriptions and values and the method of calculation, and Council shall hear and decide upon the appeal and the decision of Council shall be final.

INDUSTRIAL DISCHARGE

47. No person shall discharge into the Sanitary Sewer System any industrial discharge without first obtaining a Waste Discharge Permit from the Director of Operations.

WASTE DISCHARGE PERMITS

48. Every person wanting to discharge industrial discharge or trucked wastewater into the Sanitary Sewer System, shall first make application to the Director of Operations for and obtain a Waste Discharge Permit at least 60 days prior to the discharge and pay the fee set out in Schedule "I" of the District's Fees and Charges Bylaw.
49. The Director of Operations may issue and amend a Waste Discharge Permit to allow the discharge of non-domestic waste and trucked wastewater into a sewer upon such terms and conditions as the Director of Operations considers appropriate and without limiting the generality of the foregoing, may in the Waste Discharge Permit:
- 1) place limits and restrictions on the quality, composition, frequency, and nature of the water permitted to be discharged; and,
 - 2) require the holder of a Waste Discharge Permit to repair, alter, remove, or add to works or construct new works.
50. Every Waste Discharge Permit shall be subject to the following:
- 1) the permit shall be valid for a period of 5 years unless otherwise specified on the permit.
 - 2) where required by the Director of Operations, the owner of the real property shall install, operate and maintain on the property, holding facilities, pumps, valves, and flow regulating and measuring devices to determine flow rate.
51. Every holder of a Waste Discharge Permit shall meet the following requirements as set out in the permit, including but not limited to:
- 1) control the quantity and content of the discharge;
 - 2) install sampling chambers and meet sampling program requirements;
 - 3) provide spill control measures and accidental spill prevention plans;
 - 4) provide sludge control plans and solvent management plans;
 - 5) meet maintenance requirements;
 - 6) install monitoring equipment and meet monitoring requirements;
 - 7) keep records and meet reporting requirements;
 - 8) conduct or allow studies to evaluate discharge limits or compliance; and,
 - 9) comply with all applicable Federal, Provincial, and local regulations.

SAMPLING

- 52.** Every holder of a Waste Discharge Permit shall, where and as directed by the Director of Operations, provide:
- 1) a monitoring access point to facilitate inspection, sampling, and measurement of the discharge;
 - 2) sampling chambers which shall be located on a highway and in such a manner that flow measuring and sampling equipment, and a shutoff gate or screen, can be readily installed by the District; or,
 - 3) an automatic sampler and analyzer or flow measurement device to monitor the discharge.
- 53.** Samples of sewage shall be taken at the sampling chamber of the real property as provided for in this bylaw, and where a sampling chamber is not required or does not exist, samples shall be taken from the sewer at the nearest downstream manhole from the Service Connection of the real property:
- 1) where sampling is required for the purposes of determining the concentration of constituents in the wastewater or uncontaminated water, the sample may:
 - a) be collected manually or by using an automatic sampling device; and
 - b) contain additives for its preservation;
 - 2) for the purpose of determining compliance with Schedule “B” of this bylaw discrete wastewater streams within premises may be sampled, at the discretion of the Director of Operations.
 - 3) any single grab sample may be used to determine compliance with Schedules “A” and “B” of this bylaw.
 - 4) all tests, measurements, analyses and examinations of wastewater, its characteristics or contents pursuant to this bylaw shall be carried out in accordance with "Standard Methods" and be performed by a laboratory accredited for analysis of the particular substance(s) using a method which is within the laboratory's scope of accreditation or to the satisfaction of the Director of Operations as agreed in writing prior to sample analysis.

DISCHARGER SELF-MONITORING

- 54.** The discharger shall complete any monitoring or sampling of any discharge to the Sanitary Sewer System as required by the Director of Operations and provide the results to the District in the form specified by the District.
- 55.** The obligations set out in or arising out of Section 54 shall be completed at the expense of the discharger.

TESTING AND ANALYSIS

- 56.** All testing, analysis and measurement of sewage made pursuant to this bylaw shall be in accordance with the standard methods.

RECORD KEEPING

- 57.** Every holder of a Waste Discharge Permit shall maintain records relating to the discharge as set out in the permit, including:
- 1) routine maintenance;
 - 2) flow and disposal records;
 - 3) self-monitoring reports;
 - 4) analytical lab results;
 - 5) dates and times of sample collection and batch discharges;
 - 6) PH and equipment calibration and PH monitoring records;
 - 7) any other information or data requested by the Director of Operations.
- 58.** Records required to be kept pursuant to Section 57 of this bylaw shall be retained for a minimum of 5 years and shall be made available to the Director of Operations at all reasonable times.

CHANGES TO A WASTE DISCHARGE PERMIT

- 59.** Every person with an existing Waste Discharge Permit who proposes to:
- 1) change the volume of the waste flow by 20% or more;
 - 2) change the characteristics of the waste;
 - 3) establish a new point of discharge;
 - 4) add a new or different process, product, or manufacturing line that will increase or decrease the concentration of pollutants in the waste stream or require modification in the operation of the pre-treatment system;
 - 5) add new or different pre-treatment equipment; or
 - 6) alter a sample site;

shall first make an application to the Director of Operations for a new Waste Discharge Permit at least 30 days prior to making any change, addition or alteration.

DILUTION

- 60.** No person shall discharge directly or indirectly or permit the discharge or deposit of wastewater into a Sanitary Sewer System where water has been added to the discharge for the purposes of dilution to achieve compliance with Schedules "A" or "B" of this bylaw.
- 61.** Where a person has been required by the Director of Operations to provide pre-treatment of sewage, that person shall not dilute the sewage in any way as a substitution for the required treatment, unless dilution is expressly authorized by the Director of Operations as part of the pre-treatment process.

AUTHORITY TO INSPECT

- 62.** The Director of Operations or their designate may enter at all reasonable times upon any real property, or into any building or structure, for the purpose of any inspection, observation, measurement, sampling, and testing relating to this bylaw.

- 63.** The Director of Operations has the authority to carry out any inspection reasonably required to ensure compliance with this bylaw, including but not limited to:
- 1) inspecting, observing, sampling, and measuring the flow in any private
 - a) wastewater disposal system, and,
 - b) flow monitoring point;
 - 2) determining water consumption by reading water meters;
 - 3) testing flow measuring devices;
 - 4) taking samples of wastewater, clear-water waste and subsurface water being released from the premises;
 - 5) performing on-site testing of the wastewater, clear-water waste, and subsurface water within private property and, pre-treatment facilities;
 - 6) collecting and analyzing samples of trucked wastewater coming to a discharge location;
 - 7) inspecting and copying documents or removing documents from premises to make copies;
 - 8) inspecting the premises where a release of prohibited or restricted wastes or of water containing prohibited or restricted wastes has been made or is suspected of having been made, and to sample any or all matter that in his/her opinion could have been part of the release.
- 64.** No person shall hinder or prevent the Director of Operations from carrying out any of his/her powers or duties.

NOTIFICATION OF DISCHARGE

- 65.** Any person who becomes aware of the discharge of regulated or prohibited substances directly or indirectly into the Sanitary Sewer System shall immediately report the discharge to the Director of Operations.

NON-CONTACT COOLING WATER

- 66.** No person shall discharge non-contact cooling water or uncontaminated water into a Sanitary Sewer System from any residential property.
- 67.** The discharge of non-contact cooling water or uncontaminated water to a Sanitary Sewer System from industrial, commercial, or institutional properties is permissible where:
- 1) in the case of a proposed building, no storm sewer exists adjacent to the building and no opportunity exists to discharge to yard drainage; or
 - 2) in the case of an existing building, no storm connection exists to the building.

WATER ORIGINATING FROM A SOURCE OTHER THAN THE DISTRICT WATER SUPPLY

- 68.** No person shall discharge water originating from a source other than the District water supply, including storm water or groundwater, directly or indirectly to the Sanitary Sewer System, unless:
- 1) the discharge is in accordance with a Waste Discharge Permit;
 - 2) the discharge does not exceed the limits set out under Schedule B, with respect to biochemical oxygen demand, total phosphorus, or total suspended solids; or,
 - 3) in the event the discharge does exceed the limits set out under Schedule "B," with respect to any of biochemical oxygen demand, total phosphorus or total suspended solids, the discharge is in accordance with a Waste Discharge Permit.

FOOD-RELATED GREASE INTERCEPTORS

- 69.** Every owner or operator of a restaurant or other industrial, commercial or institutional premises where food is cooked, processed or prepared, for which the premises is connected directly or indirectly to a Sanitary Sewer System, shall take all necessary measures to ensure that oil and grease are prevented from entering the Sanitary Sewer System in excess of the provisions of this bylaw.
- 70.** The owner or operator of the premises as set out in Section 65 shall:
- 1) install, operate and properly maintain an oil and grease interceptor in any piping system that connects directly or indirectly to a sewer;
 - 2) submit maintenance records and waste disposal records to the District annually;
 - 3) ensure that grease interceptors do not discharge to storm sewers.
- 71.** No person shall use enzymes, bacteria, solvents, hot water, or other agents to facilitate the passage of oil and grease through a grease interceptor.
- 72.** In the case of failure to adequately maintain the grease interceptor to the satisfaction of the Director of Operations, the Director of Operations may require an alarmed monitoring device to be installed, at the expense of the owner.

VEHICLE AND EQUIPMENT SERVICE OIL AND GREASE INTERCEPTORS

- 73.** Every owner or operator of a vehicle or equipment service station, repair shop or garage or of industrial, commercial or institutional premises or any other establishment where motor vehicles are repaired, lubricated or maintained and where the sanitary discharge is directly or indirectly connected to the Sanitary Sewer System shall take all necessary measures to ensure that motor oil and lubricating grease are prevented from passing into the Sanitary Sewer System in excess of the limits in this bylaw.

74. The Director of Operations may require the owner or operator of the premises as set out in Section 73 to:
- 1) install, operate and properly maintain an oil and grease interceptor in any piping system that connects directly or indirectly to a sewer;
 - 2) submit maintenance records and waste disposal records to the District annually;
 - 3) ensure that grease interceptors do not discharge to storm sewers.
75. No person shall use enzymes, bacteria, solvents, hot water, or other agents to facilitate the passage of oil and grease through an oil and grease interceptor.
76. In the case of failure to adequately maintain the oil and grease interceptor to the satisfaction of the Director of Operations, the Director of Operations may require an alarmed monitoring device to be installed, at the expense of the owner.

FOOD WASTE GRINDERS

77. In the case of industrial, commercial, or institutional properties where food waste grinding devices are installed in accordance with the Building Code, the effluent from such food waste grinding devices must comply with Schedules “A” and “B” of this bylaw.

PRETREATMENT FACILITIES

78. Where required by the Director of Operations, the owner or operator shall install on the premises, and prior to the sampling point, a wastewater pretreatment facility.
79. The owner or operator shall ensure the design, operation and maintenance of the pretreatment facility achieves the treatment objectives and is in accordance with the manufacturer’s recommendations.
80. No person shall dispose of any waste products from a pre-treatment facility in an unsafe manner.
81. The maintenance records and waste disposal records shall be available to the Director of Operations upon request.
82. The owner or operator shall keep documentation pertaining to the pretreatment facility and waste disposal for 2 years.

USER FEES, RATES AND CHARGES

83. Every owner or occupier of a real property which is connected to the Sanitary Sewer System shall pay a user fee as set out in Schedule “K” of the District’s Fees and Charges Bylaw

84. User fees and rates are subject to the following terms:

- 1) rates shall be billed annually for residential accounts and quarterly for industrial, commercial, and institutional accounts and are due and payable by the due date.
- 2) the owner of a real property is responsible for the payment of all accounts in arrears, and the District may refuse to provide sewer service to an owner or occupier until such arrears have been paid in full;
- 3) upon issuance of an occupancy permit or approval achieved through the authority of the Building Inspector for a building that will be serviced under this bylaw, the owner of the subject parcel shall pay the appropriate fees under Schedule “L” of the District’s Fees and Charges Bylaw prorated from the date of the occupancy permit.
- 4) the prepayment of any sewer service to a real property shall not prevent the amount of any rate or fee increase applicable to the prepayment period from being charged;

All rates and fees imposed under this bylaw may be collected in the same manner and with the same remedies as ordinary taxes on land and improvements under the *Local Government Act, Community Charter* or other legislation governing taxation by the District.

85. Every carrier of trucked waste with a valid credit account shall be billed monthly on the basis of user fees as set out in Schedule “I” of the District’s Fees and Charges Bylaw. Fees are due and payable upon receipt of an invoice. The carrier is responsible for the payment of all accounts in arrears, and the District may refuse service until such arrears have been paid in full.

86. Where an owner or occupier of real property advises the District that a leak has occurred in a waterline on the property which has increased the volume of water into the Sanitary Sewer System, the Collector may adjust the consumption rate for 1 billing period, for the sewer portion of the bill only, which shall be 90% of the average consumption of the last 2 meter readings immediately preceding the report of the leak.

EFFECTIVE DATE

87. This bylaw shall come into effect upon its adoption.

ENFORCEMENT

88. The Bylaw Enforcement Officer(s) or RCMP may give notice to any person ordering or directing that person to:

- 1) discontinue or refrain from proceeding with any work or using or occupying any land or building or doing anything that contravenes this bylaw; or
- 2) carry out any work or do anything to bring any land or building into conformity with this bylaw; within the time specified in such notice.

- 89.** The Bylaw Enforcement Officer or RCMP may serve a notice under this bylaw:
- 1) by mailing it, by registered post, to an owner who is the addressee of the notice at the address of the owner shown on the real-property assessment roll prepared pursuant to the *Assessment Act*;
 - 2) by handing it to the person who is the addressee of the notice; or
 - 3) if the notice refers to real property, by posting it on the real property.

OFFENCE AND PENALTY

- 90.** Notwithstanding the offence and penalties as provided under the *Community Charter* or *Local Government Act*, the following will apply:
- 1) a violation of any of the provisions identified in this bylaw will result in liability for penalties and late payment amounts established in the District's Bylaw Notice Enforcement Bylaw and Municipal Ticket Information Bylaw;
 - 2) a violation of any of the provisions identified in this bylaw will be subject to the procedures, restrictions, limits, obligations, and rights established in the Bylaw Notice Enforcement Bylaw, in accordance with the Local Government Bylaw Notice Enforcement Act, SBC 2003, c. 60;
 - 3) a person who: contravenes, violates, or fails to comply with any provision of this bylaw;
 - a) suffers or allows any act or thing to be done in contravention or violation of this bylaw; or
 - b) fails or neglects to do anything required to be done under this bylaw, is deemed to have committed an infraction of, or an offence against, this bylaw; and is liable on summary conviction to a fine of not more than Five Thousand Dollars (\$5,000.00); and
 - 4) each day such infraction is caused, or allowed to continue, constitutes a separate offence.

SEVERABILITY

- 91.** If a portion of this bylaw is held invalid by a Court of competent jurisdiction, then the invalid portion must be severed, and the remainder of this bylaw is deemed to have been adopted without the severed section, subsection, paragraph, subparagraph, clause, or phrase.

Read for a first, second and third time this 14th day of November, 2023.

Adopted this 27th day of November, 2023.

Original Signed by Victor Smith
MAYOR

Original Signed by Donna Bellingham
CORPORATE OFFICER

Schedule "A"

PROHIBITED WASTE, RESTRICTED WASTE AND SPECIFIED WASTE

1. No person shall discharge directly or indirectly or deposit or cause or permit the discharge or deposit of wastewater into a sanitary sewer, District or private sewer connection to the sanitary sewer system in circumstances where:
 - 1) To do so may cause or result in:
 - a) a health or safety hazard to a person authorized by the District to inspect, operate, maintain, repair, or otherwise work on the Sanitary Sewer System;
 - b) an offence under the *Provincial Environment Protection Act*, as amended from time to time, or any regulation made thereunder;
 - c) wastewater sludge from the Wastewater Treatment Plant works to which either wastewater discharges, directly or indirectly, fail to meet the objectives and criteria as listed in the *Provincial Environment Protection Act*, as amended from time to time;
 - d) interference with the operation or maintenance of the Sanitary Sewer System, or which may impair or interfere with any wastewater treatment process;
 - e) a hazard to any person, animal, property, or vegetation;
 - f) an offensive odour to emanate from the Sanitary Sewer System, and without limiting the generality of the foregoing, wastewater containing hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia in such quantity as may cause an offensive odour;
 - g) damage to the Sanitary Sewer System;
 - h) an obstruction or restriction to the flow in the sanitary sewer system.
 - 2) The wastewater has 2 or more separate liquid layers.
 - 3) The wastewater contains:
 - a) hazardous substances;
 - b) combustible liquid;
 - c) biomedical waste, including any of the following categories: human anatomical waste, animal waste, untreated microbiological waste, waste sharps and untreated human blood and body fluids known to contain viruses and agents listed in "Risk Group" as defined in "Laboratory Biosafety Guidelines" published by Health Canada, dated, 2004.
 - d) specified risk material for bovine spongiform encephalopathy as defined in the federal Fertilizers Regulations (C.R.C., c. 666), as amended from time to time, including material from the skull, brain, trigeminal ganglia, eyes, tonsils, spinal cord, and dorsal root ganglia of cattle aged 30 months or older, or material from the distal ileum of cattle of all ages.
 - e) dyes or coloring materials which may or could pass through the Sanitary Sewer System and discolor the Wastewater Treatment Plant effluent;
 - f) fuel;

- g) ignitable waste.
- h) pathological waste.
- i) PCBs.
- j) pesticides which are not otherwise regulated in this Bylaw.
- k) reactive waste.
- l) toxic substances which are not otherwise regulated in this Bylaw.
- m) waste radioactive substances in excess of concentrations greater than those specified for release to the environment under the *Nuclear Safety and Control Act* and Regulations as amended from time to time.
- n) solid or viscous substances in quantities or of such size to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, bones, cinders, sand, mud, soil, straw, shaving, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animal parts or tissues, and paunch manure.

The wastewater contains a concentration, expressed in milligrams per liter, in excess of any one or more of the limits in Schedule "B" of this bylaw, unless:

- a) the discharge is in accordance with a valid Waste Discharge Permit;
- b) the discharge is authorized in a Code of Practice approved by the District;

Schedule "B"

RESTRICTED WASTES – SANITARY SEWER DISCHARGES

Table A - CONVENTIONAL CONTAMINANTS & PHYSICAL PARAMETERS

Substance	Concentration Limit - [mg/L, except as
Biochemical Oxygen Demand	500
Oil and grease - animal and vegetable	150
Oil and grease - mineral and synthetic/hydrocarbon	15
Total Suspended Solids	300
pH	5.5 – 9.5 (unitless)
Temperature	60 Degrees Celsius

Table B – ORGANIC CONTAMINANTS

Substance	Concentration Limit - [mg/L, except as
Benzene	0.01
Chloroform	0.04
Dichlorobenzene (1,2-)	0.05
Dichlorobenzene (1,4)	0.08
Ethylbenzene	0.16
Hexachlorobenzene	0.0001
Methylene chloride (dichloromethane)	0.2
PCBs (chlorophenyls)	0.004
Phenols, Total (or Phenolic compounds)	0.1
Tetrachloroethane (1,1,2,2-)	1.4
Tetrachloroethane	1.0
Toluene	0.02
Trichloroethylene	0.06
Xylenes, total	1.4

Table C - INORGANIC CONTAMINANTS

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

Schedule "C"

**MAXIMUM WASTEWATER STRENGTH LIMITS UNDER
WASTE DISCHARGE PERMIT**

Substance	Maximum Concentration Limits under a Waste Discharge Permit mg/l
Biochemical Oxygen Demand (BOD)	1200
Chemical Oxygen Demand	2500
Total Suspended Solids (TSS)	1200
Oil and grease - animal and vegetable (O&G)	450
Total Phosphorus (TP)	75
Total Kjeldahl Nitrogen (TKN)	200