



SCHEDULE E

TO CVRD BYLAW NO. 4232

SOURCE CONTROL

1. DISCHARGES TO SEWERS

- .1 No person shall directly or indirectly **Discharge** or allow or cause to be **Discharged** into a **Sewer** connected to a **Sewage Facility** operated by the **District**, any waste which, at the point of discharge, contains:
 - (a) Any **Prohibited Waste**, as described in Article "A".
 - (b) Any **Restricted Waste**, at a concentration in excess of the limits set out in Article "B"; unless that person has first obtained a **Waste Discharge Permit** or **Authorization**.
 - (c) Any **High Volume Discharge** unless that person has first obtained a **Waste Discharge Permit** or **Authorization**; or
 - (d) Any **Uncontaminated Water** in a volume greater than 2.0 cubic metres per day without prior **Authorization** from the **Manager**.
 - (e) Any **Stormwater** without prior **Authorization** from the **Manager**.
- .2 No person shall directly or indirectly **Discharge**, or allow or cause to be **Discharged** into a **Sewer** connected to a **Sewage Facility** operated by the **District** any water or other **Substances** for the purpose of diluting any **Non-domestic Waste**.
- .3 In order to obtain and maintain the **Authorization** referred to in paragraph 2.1(d), where the **Uncontaminated Water** is produced on property, other than **Residential Property**, and is from a source other than a **Waterworks**, a person shall:
 - (a) install and thereafter maintain, at that person's expense, a meter on the water supply generating the **Authorized Discharge**; and
 - (b) supply to the **Manager**, by the tenth (10th) of each month, an accurate calculation of the volume of water measured pursuant to paragraph 2.1(a).
- .4 Every person who directly or indirectly **Discharges Waste** or **Substances** produced, treated, handled, or stored on property other than **Residential Property** into a **Sewer** connected to a **Sewer Facility** operated by the **District** shall, as a condition of that **Discharge**:

- (a) provide and maintain facilities to prevent accidental **Discharge**, or a **Discharge** contrary to this Schedule for **Substances** which, if accidentally **Discharged**, would constitute **Prohibited** or **Restricted Waste**;
 - (b) post, and keep posted, permanent signs in conspicuous locations on the **Premises** displaying the name, telephone number of the person to call as prescribed in Article "C" in the event of accidental **Discharge** of a **Prohibited** or **Restricted Waste**; and
 - (c) inform employees, who may cause or discover the **Discharge** of **Prohibited** or **Restricted Waste**, of the notification procedures set out in Section 5 of this Schedule.
- .5 **Oil and Grease** interceptors shall be installed for all food preparation facilities including restaurants, canning operations, killing and processing facilities, as close to the source of the **Waste** material as practical.
- .6 Separate sand traps and **Oil and Grease** interceptors shall be installed for all vehicle repair and maintenance establishments and service stations, as close to the source of the **Waste** material as practical.
- .7 Separate sand traps and **Oil and Grease** interceptors shall be installed for all establishments that provide vehicle or equipment washing facilities. Sand traps shall be located upstream from the **Oil and Grease** interceptors, and shall have a minimum liquid depth of 1 metre and a maximum overflow rate of 8 L/m/m² under peak flow conditions. Sand and silt shall be removed from sand traps before these materials occupy 25 percent of the liquid depth. Accumulated **Oil and Grease** shall be skimmed off the surface of the interceptors and other sumps often enough to prevent these materials from escaping to the **Sewer**.
- .8 Interceptors are required for all industries or commercial establishments as necessary for the removal of **Oil and Grease**, flammable wastes, sand, grit or other restricted substances.
- .9 All interceptors shall be installed on the parcel, upstream of the **Service Connection** and shall be located as to be readily accessible for cleaning and inspection.
- .10 All interceptors shall be maintained by the **Owner** or occupier in efficient operation at all times.
- .11 Volume Restriction: **Wastewater** or other **Water** shall not be **Discharged** into the **Sanitary Sewer** System in a volume that causes the **Sanitary Sewer** System to back up or leak at any point.
- .12 Special Control Manholes and Flow Meters: Any **Owner** or occupier of **Premises** that are the location of a facility that is discharging or likely to **Discharge Wastewater** to the **Sanitary Sewer** System in a volume that exceeds 90 m³ per month shall install a control manhole and flow meter on the building **Sewer** at a location that is suitable for the inspection and sampling of the discharged waters.
- .13 The rate or rates of **Discharge** for various times of a twenty-four hour period for any industry connected to the **Sanitary Sewer** system shall not exceed the extra capacity of the **Sanitary Sewer** system after all the other regular users have been accommodated.

Such industries shall install and maintain on their own properties, such holding facilities, pumps, valves, flow regulating and measuring devices as may be required by the **Manager** to ensure that the specified flow rates shall not be exceeded.

- .14 The control manhole shall be installed and maintained at the expense of the **Owner** or occupier of the **Premises** and shall be accessible at all times to the **District**.
- .15 The control manhole shall have a barrel diameter of 1200-mm, and shall be located on a straight run of building sewer extending at least 3 metres upstream of the manhole and 2 metres downstream. The section of building sewer on which the manhole is located shall have a gradient not exceeding 2 percent.
- .16 If the **Manager** deems necessary, a permanent flow meter (e.g. "Palmer Bowlus") shall be installed as an integral part of the control manhole, and shall be sized to suit the peak design flows.
- .17 Without limiting the application of any other regulations under this Bylaw, the **Owner** of a **Marina** located within a **Sewer System Service Area** must:
 - (a) apply for and obtain a **Sewer Service Connection** connecting the **Marina's** sewage collection system to the **Sewer System**;
 - (b) apply for and obtain a **Waste Discharge Permit** or **Authorization** authorizing the discharge of all **Sanitary Waste** and **Wastewater** produced from all buildings, structures, vessels, **Live-aboards** and **Floathomes** within that **Marina** into the **Sewer System**;
 - (c) ensure that all **Floathomes** moored at that **Marina** are connected to the **Sewer System** by means of a marine sewage collection system approved by the **Manager**;
 - (d) ensure that all **Live-aboards** moored at the **Marina** are equipped with a sewage holding tank for the temporary storage of sewage that complies with Division 4 of the Vessel Pollution and Dangerous Chemical Regulations under the Canada Shipping Act as if the **Marina** was within a "designated sewage area" under those Regulations;
 - (e) provide and maintain in good working order a vessel pump-out facility that is permanently connected to the **Sewer System**, and that is available for use by moored vessels 24 hours per day on each day of the year, unless the **Manager** approves an alternative system for the collection of **Sanitary Waste** and **Wastewater** from vessels;
 - (f) not permit or allow the disposal of **Sanitary Waste** or **Wastewater** from any vessel, **Live-aboard** or **Floathome** that is within the **Marina Premises** except in a manner authorized under this Bylaw.

2. WASTE DISCHARGE PERMITS AND AUTHORIZATIONS

- .1 The **Manager** may issue a **Waste Discharge Permit** or **Authorization** to allow a **High Volume Discharge**, or to allow the **Discharge** of **Waste** other than **Domestic Sewage** upon such terms and conditions as the **Manager** considers appropriate for the protection of **Sewers**, sewage facilities, human or animal health and safety, and the environment,

and without limiting the generality of the foregoing, may in the **Waste Discharge Permit** or **Authorization**;

- (a) place limits and restrictions on the quantity, frequency of **Discharge**, and the nature of the **Waste** permitted to be discharged;
 - (b) require the holder of a **Waste Discharge Permit** or **Authorization**, at his expense, to repair, alter, remove, or add works, or construct new works to ensure that the **Discharge** will comply with the **Waste Discharge Permit** or **Authorization**, this Schedule, and any **Enactment**;
 - (c) require the holder of a **Waste Discharge Permit** or **Authorization**, at his expense, to monitor the **Waste** being discharged under the **Waste Discharge Permit** or **Authorization** in the manner specified by the **Manager**, and to provide information concerning the **Discharge** as requested by the **Manager** including, but not limited to, routine maintenance check dates, cleaning and **Waste** removal dates, and the means of disposal of accumulated **Wastes** and **Waste** treatment residuals;
 - (d) require the holder of the **Waste Discharge Permit** or **Authorization** to submit to the **Manager** detailed plans and operating procedures for all existing facilities installed on the **Premises** for the purpose of preventing accidental **Discharge**;
 - (e) require compliance by the holder of the **Waste Discharge Permit** or **Authorization** with such other **Enactments** as the **Manager** considers necessary or desirable in the circumstances;
 - (f) make such other requirements as the **Manager** deems necessary or desirable.
- .2 Notwithstanding paragraphs 2.1(b) and (c), the **Manager** may require any **Applicant** or person to obtain a **Waste Discharge Permit** or **Authorization** for the **Discharge** of any **Non-domestic Waste** that is not a **High Volume Discharge** or a **Restricted Waste**.
 - .3 Upon receipt of notice under subsection 3.2, the **Applicant** or person receiving the notice shall, within 30 days, apply for a **Waste Discharge Permit** or **Authorization** and shall provide to the **Manager** such information relating to the **Discharge** of **Non-domestic Waste** by that person as the **Manager** may require.
 - .4 The **Manager** may suspend or revoke a **Waste Discharge Permit** or **Authorization** for a failure to comply with the terms and conditions of the **Waste Discharge Permit** or **Authorization**, or for any failure to comply with this Schedule, or any **Enactment** applicable to the **Discharge** of **Waste** into a **Sanitary Sewer** connected to a **Sewage Facility** operated by the **District**.
 - .5 (a) A **Waste Discharge Permit** or **Authorization** may not be transferred or assigned without the **Manager's** consent in writing.

(b) The **Manager** may withhold consent where there has been a breach of this Schedule or a condition of the **Waste Discharge Permit** or **Authorization**.

- .6 An application for a **Waste Discharge Permit** for a new **Discharge**, or an amendment to an existing **Waste Discharge Permit**, shall be made to the **Manager** on the form attached hereto as Article "C", and shall be accompanied by such information, drawings, and specifications as may be required under Article "C".

3. MAINTENANCE OF WORKS AND PROCEDURES

- .1 It is a condition of the **Discharge of Waste** (produced on property other than **Residential Property**) into a **Sanitary Sewer** by a person who holds a **Waste Discharge Permit** or **Authorization**, or who otherwise discharges **Waste**, that all measures be taken to keep all equipment and facilities maintained and in good repair as may be necessary to ensure compliance with the terms and conditions of this Schedule, a **Waste Discharge Permit** or **Authorization**.
- .2 No person shall Discharge or allow or cause to be discharged, into a **Sewage Facility** or a **Sewer** connected to a **Sewage Facility** operated by the **District, Non-domestic Waste**, which has bypassed any **Waste** control works **Authorized** and required by the **Manager**, or which is not otherwise in compliance with this Schedule.

4. RECORDS RETENTION

- .1 Holders of a **Waste Discharge Permit** or **Authorization** permitting the **Discharge** of **Waste** produced on property other than **Residential Property**;
 - (a) shall retain and preserve for not less than six (6) years after their creation, any records, books, documents, memoranda, reports, correspondence, and any and all summaries of such documents, relating to monitoring, sampling and chemical analysis required by the **Manager**, a **Waste Discharge Permit**, or **Authorization**.
 - (b) shall retain and preserve all records that pertain to issues that are the subject of administrative action or any other enforcement or litigation activities by the **District** until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

5. NOTIFICATION

- .1 Any person who discharges **Waste** or allows the **Discharge** of **Waste** into a **Sewer** or a **Sewage Facility** in contravention of any **Waste Discharge Permit**, or **Authorization**, or that is otherwise in contravention of this Schedule, after becoming aware of the **Discharge**, shall stop the **Discharge**, and after reporting the **Discharge** in accordance with the **Spill Reporting Regulation** shall immediately notify:
 - (a) the **Manager** by telephone and provide the information specified in Sub-section 6.2;
 - (b) the **Owner** of the **Premises**; and
 - (c) any other person whom the person reporting knows, or reasonably should know, may be directly affected by the **Discharge**.
- .2 The **Manager** shall be supplied with the following information:

- (a) identification of the **Premises** where the **Discharge** occurred;
 - (b) location of the **Discharge**;
 - (c) name of the person reporting the **Discharge** and telephone number, or numbers, where that person can be reached;
 - (d) date, time and duration of the **Discharge**;
 - (e) type and concentration of all **Substances** discharged and any known associated hazards;
 - (f) total weight or volume of the material discharged; and
 - (g) corrective action being taken, or anticipated to be taken, to control the **Discharge** or to prevent similar **Discharges**.
- .3 A person who discharged or allowed a **Discharge of Waste** referred to in Subsection 6.1 shall, as soon as that person becomes aware, or reasonably should have become aware of the **Discharge**, take all reasonable measures to:
- (a) confine, minimize, counteract, mitigate, remedy, and repair the effects of the **Discharge**; and
 - (b) remove or otherwise dispose of the **Substance** discharged in a manner consistent with this Schedule and other applicable **Enactments**.
- .4 A person operating under a **Waste Discharge Permit** shall notify the **Manager** in writing not less than 90 days prior to:
- (a) commencing a new activity; or
 - (b) expanding or changing an existing activity;
- which affects or may affect the average composition, or the total volume of **Waste** discharged by that person.

6. POWERS OF THE MANAGER

- .1 The **Manager** may enforce the provisions of this Schedule.
- .2 The **Manager**, or any person **Authorized** by the **Manager**, may at any reasonable time and upon presentation of proof of his identity, enter upon any property or **Premises** in order to ascertain whether the terms of a **Waste Discharge Permit**, an **Authorization** have been, or are being complied with, or the regulations of this Schedule are being observed.
- .3 Nothing in this Schedule shall be interpreted as restricting the powers of the Regional Manager of the Ministry of Environment under the **Environmental Management Act** of British Columbia and Regulations, or of the **Manager**.

7. MONITORING OF DISCHARGES

- .1 A **Manager**, may require that a person who is discharging any **Waste** other than **Domestic Sewage** into a **Sewer** shall, at his expense, install one or more **Monitoring Points** suitable for inspection, flow monitoring, and sample collection at locations determined by the **Manager**, to be constructed in accordance with plans approved by the **Manager** and maintained in good working order by the person.
- .2 A **Monitoring Point** required under subsection 7.1 shall be installed in a manner so as not to be affected by any **Discharge** of **Domestic Waste** from a **Premises**, unless otherwise **Authorized** by the **Manager**.
- .3 A **Monitoring Point** required under subsection 7.1 shall, for the purposes of enforcing this Schedule, be deemed to be the point or points at which a **Discharge** into a **Sewer** or **Sewage Facility** is made.
- .4 In the absence of a **Monitoring Point** under subsection 7.1, the point of **Discharge** into a **Sewer** or **Sewage Facility** shall, for the purposes of enforcing this Schedule, be the location determined by the **Manager** where access can be had to the **Waste** for the purpose of sampling.
- .5 Where a person is required to install a **Monitoring Point** under subsection 7.1, and the person cannot comply with such requirement within 60 days of being notified of the requirement by the **Manager**, the person shall, within 60 days of the notice being issued by the **Manager**, inform the **Manager** of his inability to install the **Monitoring Point** and the **District** may install, or cause to be installed, the **Monitoring Point** at the person's expense.
- .6 The **Owner** of a **Premises** shall ensure that all **Monitoring Points**, flow measuring devices and other devices specified in the **Waste Discharge Permit**, including water meters, are accessible for inspection by the **Manager** at all times.
- .7 The **Manager** may require that a person who is discharging **Waste** into a **Sewer** undertake, at that person's expense, sampling and analysis of the **Waste** discharged.
- .8 All sampling and analysis required by a **Manager** shall be carried out in accordance with methods and procedures specified in **Standard Methods** or in a manner specified by the **Manager**.
- .9 Samples which have been collected as the result of a requirement of the **Manager** shall be analysed by an independent agency or by a laboratory **Authorized** by the **Manager**.

8. OFFENCES AND PENALTIES

- .1 A person who contravenes this Schedule, a **Waste Discharge Permit**, or **Authorization** issued under this Schedule, is guilty of an offence and is liable to a maximum fine of \$1,000 under CVRD Bylaw No. 3209 – Ticket Information Authorization Bylaw, 2008, or, on summary conviction, to the penalties provided for in the **Offence Act** of British Columbia.

9. GENERAL

- .1 No person shall hinder or prevent the **Manager**, or a Bylaw Enforcement Officer, from entering any **Premises** or from carrying out his duties with respect to the administration of this Bylaw.
- .2 Nothing in this Schedule shall be interpreted as relieving a person discharging **Waste** from complying with federal, provincial and local government **Enactments** governing the **Discharge** of **Waste** into **Sewers**.
- .3 Where the **Board** has authority to direct that a matter or thing be done by a person, the **Board** may also direct that, if the person fails to take the required action, the matter, or thing, shall be done at the expense of the person in default in accordance with the Local Government Act. If action in default is taken, the **Board** may recover the expense from the person, together with costs and interest at the rate prescribed under Section 11(3) of the *Taxation (Rural Area) Act*, in the same manner as municipal taxes.
- .4 The Articles annexed hereto shall be deemed to be an integral part of this Schedule.
- .5 If any provision of this Schedule is found to be invalid by a court of competent jurisdiction it may be severed from the Schedule.
- .6 The headings in this Schedule are inserted for convenience of reference only.

ARTICLE "A"
PROHIBITED WASTE

Prohibited Waste means:

1. **Air Contaminant Waste:**

Any **Waste** other than **Sanitary Waste** which, by itself or in combination with another **Substance**, is capable of creating, causing or introducing an **Air Contaminant** outside any **Sewer** or **Sewage Facility**, or is capable of creating, causing or introducing an **Air Contaminant** within any **Sewer** or **Sewage Facility** which would prevent safe entry by **Authorized** personnel.

2. **Biomedical Waste:**

Any of the following categories of **Biomedical Waste**, 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 4" as defined in "Laboratory Bio-safety Guidelines" published by Health and Welfare Canada and dated 1990.

3. **Corrosive Waste:**

Any **Waste** with corrosive properties which, by itself, or in combination with any other **Substance**, may cause damage to any **Sewer** or **Sewage Facility**, or which may prevent safe entry by **Authorized** personnel.

4. **Flammable or Explosive Waste:**

Any **Waste**, which by itself or in combination with another **Substance**, is capable of causing, or contributing to an explosion, or supporting combustion in any **Sewer** or **Sewage Facility** including, but not limited to gasoline, naphtha, propane, diesel, fuel oil, kerosene or alcohol.

5. **High Temperature Waste:**

(a) Any **Waste** which, by itself or in combination with another **Substance**, will create heat in amounts which will interfere with the operation and maintenance of a **Sewer** 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 **Sewage Facility** to 40 degrees Celsius (104 degrees Fahrenheit), or more;

(c) Any **Non-domestic Waste** with a temperature of 65 degrees Celsius (150 degrees Fahrenheit), or more.

6. **Miscellaneous Wastes:**

Any **Waste**, other than **Sanitary Waste**, which by itself, or in combination with another **Substance**:

(a) constitutes or may constitute a significant health or safety hazard to any person;

(b) may interfere with any sewage treatment process;

(c) may cause a **Discharge** from a **Sewage Facility** to contravene any requirements by or under any BC Waste Management Discharge Permit, or any other act, law or regulation

governing the quality of the **Discharge**, or may cause the **Discharge** to result in a hazard to people, animals, property or vegetation;

- (d) may cause **Biosolids** to fail criteria for beneficial land application in British Columbia as set out in the **Organic Matter Recycling Regulations, 2016** and all amendments, prepared by the Ministry of Environment, or may cause the emissions from a **Wastewater Sludge** combustion facility to be out of compliance with appropriate permits, or may cause the ashes from a **Wastewater Sludge** combustion facility to be considered a **Special Waste** under the **Environmental Management Act** of British Columbia.

7. **Obstructive Waste:**

Any **Waste** which by itself, or in combination with another **Substance**, is capable of obstructing the flow of, or interfering with, the operation or performance of any **Sewer** or **Sewage Facility** including, but not limited to earth, sand, sweepings, gardening, or agricultural waste, ash, chemicals, paint, metal, glass, **Sharps**, rags, cloth, tar, asphalt, cement-based products, plastic, wood, waste portions of animals, fish or fowl and solidified fat.

8. **PCBs, Pesticides:**

Any **Waste** containing **PCBs** or **Pesticides**.

9. **Special Waste:**

Special Waste as defined by the **Environmental Management Act** of British Columbia and its Regulations.

ARTICLE "B"

RESTRICTED WASTE

Restricted Waste means:

- Any **Waste** which, at the point of **Discharge** into a **Sewer**, contains any **Contaminant** at a concentration in excess of the limits set out below. All concentrations are expressed as total concentrations which includes all forms of the **Contaminant**, whether dissolved or undissolved. The concentration limits apply to both **Grab** and **Composite Samples**. **Contaminant** definitions and methods of analysis are outlined in **Standard Methods** or methods specified by the **Manager**.

Any of the **Contaminants** listed below in tables (a), (b) or (c) that are present in a **Waste** at dissolved concentrations in excess of the **Organic Matter Recycling Regulations, 2016** and all amendments including "Schedule 1.2, Effluent Standards for Hazardous Waste Facilities – Hazardous Waste Regulations" will qualify that **Waste**, regardless of the sampling method used, as a **Special Waste**.

(a) CONVENTIONAL CONTAMINANTS (mg/L)	
Biochemical Oxygen Demand (BOD)	300
Chemical Oxygen Demand (COD)	600
Oil and Grease	100
Suspended Solids	350
Total Nitrogen	80
Total Phosphorous	10

NOTE: *Total **Oil and Grease** includes Petroleum Hydrocarbons (see table (b)).

(b) ORGANIC CONTAMINANTS (mg/L)	
Benzene, Ethyl Benzene, Toluene, Xylene (BETX)	1
Chlorinated Phenols	1.0
Polycyclic Aromatic Hydrocarbons (PAH)	0.05
Phenols	1
Petroleum Hydrocarbons	15

(c) INORGANIC CONTAMINANTS (mg/L)	
Aluminium (Al)	50.0
Arsenic (As)	1.0
Boron	50.0
Cadmium (Cd)	0.2
Chromium (Cr)	4.0
Cobalt (Co)	5.0
Copper (Cu)	2.0
Cyanide (CN)	1.0
Iron (Fe)	10.0
Lead (Pb)	1.0
Manganese (Mn)	5.0
Mercury (Hg)	0.05

(c) INORGANIC CONTAMINANTS (mg/L)	
Molybdenum (Mo)	1.0
Nickel (Ni)	2.0
Silver (Ag)	1.0
Sulphate (SO ₄)	1500
Sulphide (S)	1.0
Tin (Sn)	5.0
Zinc (Zn)	3.0

2. **Food Waste:**
Any **Non-domestic Waste** from cooking and handling of food that, at the point of **Discharge** into a **Sewer**, contains particles larger than 0.5 centimetres in any dimension.
3. **Radioactive Waste:**
Any **Waste** containing **Radioactive Materials** that, at the point of **Discharge** into a **Sewer**, exceeds radioactivity limitations as established by the Atomic Energy Control Board of Canada.
4. **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 9.5 as determined by either a **Grab** or a **Composite Sample**.
5. **Dyes and Colouring Material:**
Dyes or colouring materials which may pass through a **Sewage Facility** and discolour the effluent from a **Sewage Facility** except where the dye is used by the **District**, or one or more of its **Municipalities**, as a tracer.

ARTICLE "C"

WASTE DISCHARGE PERMIT APPLICATION

This Information Sheet is provided to assist you in the preparation and submission of an application for a **Waste Discharge Permit** under CVRD Bylaw No. 4232 - Sewer Systems Regulatory and Management Bylaw, 2021. Once the form has been completed, initial each page and sign the declaration. To assist the CVRD Engineering Services Department in processing of the application, please make an accurate, readable and complete submission to the address provided below.

A. APPLICATION FORMS

1. COMPANY INFORMATION:

Indicate the company name, incorporation number, type of business, and location of the business. If your business or organization has more than one site address, please copy this form and complete a separate application for each site.

2. SUMMARY OF EFFLUENT DISCHARGE CHARACTERISTICS:

Complete this section to indicate **Discharge** duration, volume and quality.

3. NUMBER OF CONNECTIONS:

List the number and type of connections to **Sewer**.

4. SOURCES OF WASTEWATER:

Where **Non-domestic Waste** is being discharged to **Sanitary Sewer** or **Storm Sewer**, list any pre-treatment works and the actual source of the wastewater.

5. SITE PLAN:

A site plan must be submitted. Clearly mark the plant boundary, buildings, and approximate locations of new and existing works, **Monitoring Points** and **Sewer** connections.

6. DECLARATION FORM:

The application form must be signed. Please ensure that the first box in the Declaration Section is complete. An application may be filed by an agent of the **Applicant** and, unless the **Manager** deems otherwise, an obligation imposed by this Schedule on an **Applicant** may be carried out by his agent. If you wish to appoint an agent, please complete the appropriate box in the Declaration Section.

B. ADDITIONAL INFORMATION

1. Specifications and drawings of process equipment and control works associated with the **Discharge** should be submitted to assist the CVRD Engineering Services Department with the evaluation of the application. The **Manager** may request submission of additional details relevant to the application. Should additional application forms be required, they may be obtained from:

Cowichan Valley Regional District
Engineering Services Department

175 Ingram Street
Duncan, BC V9L 1N8

2. In the event of accidental **Discharge** of a **Prohibited** or **Restricted Waste** to a **Sewer** (as described under Articles A and B of this Schedule), please contact *CVRD Engineering Services Department, Tel (250) 746-2530, Fax (250) 746-2543.*

APPLICATION FOR A WASTE DISCHARGE PERMIT

Application for a **Waste Discharge Permit** under the CVRD Bylaw No. 4232 - Sewer Systems Regulatory and Management Bylaw No. 4232, 2021. This application is to be filed with the **Manager**, as described in Article C, Section B.1, not less than 90 days prior to the date for which a Permit is required.

1. I, _____
(Full name - if a company, British Columbia Registered Name)

Registered Address: _____

Incorporation Number: _____

hereby apply for a **Waste Discharge Permit to Discharge Non-domestic Waste** into **Sanitary Sewer** from a:

(Type of Business)

Located at: _____

2. Summary of Wastewater Discharge Characteristics:

Maximum Duration of Operation: (hours/day) _____
(days/week) _____
(weeks/year) _____

Flow:

Is the **Discharge** greater than 90 m³ in a 30 day period?: yes no

Frequency:

Maximum **Discharge** flow rate: _____ (m³/day)

Average daily **Discharge** flow rate: _____ (m³/day)

Method of flow rate determination: _____

measured estimated

(NOTE: 1 m³ = 220 Imperial gallons, or 264 U.S. gallons)

Type of Discharge:

continuous batch both

Quality:

Use the check boxes to indicate whether any of the following types of **Wastes** are discharged:

Flammable or explosive waste yes no
 Obstructive waste yes no
Air Contaminant waste yes no
 High temperature waste yes no
 Corrosive waste yes no
Biomedical Waste yes no
 Food waste yes no
Radioactive Waste yes no

Special Waste:

Does any process within the plant produce **Special Waste** as defined under the **Special Waste Regulation** of the **Environmental Management Act** of British Columbia?

yes no do not know

Wastewater Characteristics:

In the space provided below, check the appropriate box for each **Wastewater Contaminant** to indicate whether the **Contaminant** listed is "known to be present", "suspected to be present", "suspected to be absent", or "known to be absent", in the **Wastewater Discharge**.

If a **Contaminant** is "known to be present", or "suspected to be present", estimate the expected average and maximum daily **Contaminant** concentrations in the spaces provided.

If **Wastewater Discharges** have been sampled and analysed in the past, please attach examples of sampling data.

Wastewater Contaminants	Known to be present	Suspected to be present	Suspected to be absent	Known to be absent	Expected Concentration mg/L (ppm)	
					Average	Maximum
Conventional Contaminants:						
Ammonia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Biochemical Oxygen Demand (BOD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Chemical Oxygen Demand (COD)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Total Phosphorous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Suspended Solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Total Nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Oil and Grease (total)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Wastewater Contaminants	<i>Known to be present</i>	<i>Suspected to be present</i>	<i>Suspected to be absent</i>	<i>Known to be absent</i>	<i>Expected Concentration mg/L (ppm)</i>	
pH max__ min __	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Organic Contaminants:						
Petroleum Hydrocarbons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Phenols (total)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Phenols (chlorinated)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Polycyclic Aromatic Hydrocarbons (PAH)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Wastewater Contaminants	<i>Known to be present</i>	<i>Suspected to be present</i>	<i>Suspected to be absent</i>	<i>Known to be absent</i>	<i>Expected Concentration mg/L (ppm)</i>	
					<u>Average</u>	<u>Maximum</u>
PCBs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Benzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Ethylbenzene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
					<u>Average</u>	<u>Maximum</u>
Toluene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Xylene	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Solvents (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Inorganic Contaminants

Arsenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Cadmium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Cobalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Cyanide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Iron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Manganese	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Molybdenum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Nickel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

Wastewater Contaminants	<i>Known to be present</i>	<i>Suspected to be present</i>	<i>Suspected to be absent</i>	<i>Known to be absent</i>	<i>Expected Concentration mg/L (ppm)</i>	
Silver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Sulphate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Tin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Zinc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____

3. Number of Connections to Sewer:

a. Sanitary Sewer:

Domestic Waste only _____

Non-domestic Waste only _____

Combined domestic and **Non-domestic Waste** _____

(Note connection locations on attached site plan.)

Will **Stormwater** be **discharged** to **Sanitary Sewer**?

Yes Volume _____ m³/day No

Will contaminated or uncontaminated water be **discharged** to **Sanitary Sewer**?

(Note connection locations on attached site plan.)

Yes Volume _____ m³/day No

4. Sources of Wastewater Discharge to Sewer:

(Note location of sources and control works on attached site plan.)

SOURCE OF **WASTEWATER** CONTROL WORKS TREATING EACH SOURCE PRIOR TO **DISCHARGE TO SEWER*** (e.g. Trade Waste Interceptor)

a. Sanitary Sewer:

*Control Works include: oil/water separators, grease traps, filters, electrolytic precipitators, reverse osmosis units, ion exchange units, neutralization facilities and other **Wastewater** pre-treatment works.

5. Site Plan:

Sketch a site plan in the area provided below or attach a site plan to this application form. The plan shall include property lines, buildings, pre-treatment works, effluent lines, sanitary and **Storm Sewer** connections, flow measuring devices, and **Monitoring Points** (or available sampling locations).

(Include approximate scale on site plan.)

^North^

6. Declaration:

I, _____, declare that the information given on this application form is correct to the best of my knowledge.

Signature of Applicant or Agent Date

Title Phone Number

If you elect to appoint an Agent, please complete the following:

I, _____ / _____
Print Name Title

Signature

hereby authorize _____ / _____
Print Name Affiliation

to deal with you directly on all aspects of the subject application.