

THE CORPORATION OF THE CITY OF COURTENAY

BYLAW NO. 2182

**A bylaw to amend “Storm
Sewer Bylaw No. 1402, 1986”**

The Council of the Corporation of the City of Courtenay in open meeting assembled enacts as follows:

That “Storm Sewer Bylaw No. 1402, 1986” is amended as follows:

1. Part 1 – Definitions is amended by adding the following:

“**Director**” means the Director of Operational Services of the City, or his designate. “The Director” shall replace all references in the Bylaw to “Superintendent of Public Works.”

“**Inspector**” means any person designated by the Director and includes an Inspector in the City’s Fire Department and Development Services Department.

“**Standard Methods**” means the analytical and examination procedures set forth in the latest edition of “*Standard Methods for the Examination of Water and Wastewater*” published by the American Public Health Association, American Water Works Association and the Water Pollution Control Federation, or alternatively, procedures set out in a publication of the British Columbia Ministry of Environment that is intended to supplement or replace the procedures presented in an edition of “*Standard Methods for the Examination of Water and Wastewater.*”

2. Part II- Use of Storm Sewer System is amended by adding the following new sections:

2.12 New storm drainage systems which are located on land that is zoned Comprehensive Development, Multiple Use, Institutional, Multi-family (where the parking requirements exceeds 10 parking spaces), Industrial or Commercial according to the City Zoning Bylaw 1427, 1986 and amendments thereto, shall not be connected to a storm sewer connection unless equipped with an oil and grit interceptor. The oil and grit interceptor shall meet the technical specifications and requirements of the City and shall be suitable for the sampling and inspection of the storm water which is discharged from the storm drainage system to the storm sewer connection and suitable for the interception, retention and removal of deleterious substances in that discharge.

2.13 A property owner that is served with written notice from the Director advising that an oil and grit interceptor is required on:

- (i) an existing or new storm drainage system, or

- (ii) any storm drainage system approved by the Director, that allows the discharge of roof area or playing field surface water into an artificial aquifer or aquifer infiltration system,

located on that owner's property shall install an oil and grit interceptor on that storm drainage system in accordance with the requirements of this bylaw:

- (a) within one year of the notice being served for an existing storm drainage system; or
- (b) prior to connection to the storm sewer connection in the case of a new storm drainage system, or
- (c) as ordered by the Director.

2.14 (i) An owner of a parcel of land, or person on behalf of the owner, who installs an oil and grit interceptor shall install the oil and grit interceptor on the storm drainage system at or near the property line within the bounds of the owner's parcel of land. All costs associated with the installation and maintenance thereof shall be the responsibility of the owner.

(ii) All oil and grit interceptors shall be cleaned by a waste contractor holding a valid City of Courtenay business licence as frequently as necessary to ensure that deleterious substances in the discharge from the storm drainage system are intercepted and retained for removal;

(iii) The owner of the property on which an oil and grit interceptor has been installed shall maintain records of the cleaning for inspection by the Director and shall forward, to the Director by May 1 of each year, a copy of the record of inspections and cleaning for the previous 12 months;

(iv) Such records are to be maintained on the premises on which the oil and grit interceptor is located and are to be retained for not less than six years;

(v) The Director may order the owner of an oil and grit interceptor to undertake more frequent cleaning if there is evidence that inadequate or lack of cleaning of the oil and grit interceptor has impaired its ability to intercept, and retain for removal, the deleterious substances in the discharge from the storm drainage system.

(vi) The Director may waive the requirements of this section where the property owner has submitted a report from a Professional Engineer certifying that the intended use of the property including any construction or remodeling work, will not introduce deleterious substances to the storm sewer system.

3. Re-number Sections

Sections 2.8 to 2.11 respectively are hereby re-numbered as 2.10 to 2.13.

4. Section 2.7 is hereby deleted and replaced by the following sections 2.7, 2.8 and 2.9:

2.7 Standards for Storm Water Discharges

- (i) No person shall cause or permit contaminated water or wastewater to be discharged to a storm sewer.
- (ii) Without limiting the generality of Sub-Section (1) above, no person shall directly or indirectly place or discharge or cause to be placed or discharged into the storm drainage system or any watercourse, any water or waste having the following characteristics:

Solids

- (a) Water or waste having a total suspended solids content of more than 75 milligrams per litre;

Grease

- (b) Water or waste containing grease in a concentration of more than 16 milligrams per litre.

Acids and Alkalis

- (c) Waste which prior to the discharge into a storm sewer or watercourse has a pH lower than 6.0 or higher than 9.0;

Chemical Wastes

- (d) Chemicals, chemical residues, paint, paint residues;
- (e) Pesticides;
- (f) Water or waste from steam plants or heating systems except water that has not been treated with chemicals;
- (g) Water or waste from air conditioning systems, cooling systems or refrigeration systems except water that has not been treated with chemicals.
- (h) Water from a pool or hot-tub containing residual bromine, chlorine or chloramine;
- (i) Water from a waterworks containing chlorine remaining from the disinfection of any part of the waterworks, but does not include water containing chlorine ordinarily added to a supply of potable water by the City of Courtenay or the Regional District of Comox-Strathcona, Comox Valley Water System;

Temperature

- (j) Liquid or vapors having a temperature higher than 40° Celsius to any storm drainage system.

Animal Wastes

- (k) Animal excrements;
- (l) Wastewater from the washing of kennels, stalls, pet hospitals or clinics;

Contaminated Sites

- (m) Waste or waste from a site declared contaminated by the Ministry of Environment, Lands and Parks under the *British Columbia Waste Water Act*, unless otherwise permitted by the Inspector in writing.

Others

- (n) Domestic wastewater including but not limited to wastewater from recreational vehicles, septic tanks and portable toilets;
- (o) Trucked wastes
- (p) Any deleterious substances as defined in the *Canada Fisheries Act*.

5. 2.8 Prohibited Discharges

No person shall place or discharge or cause to be placed or discharged into the storm drainage system, or any watercourse any of the following:

Explosives and Flammable Substances

- (a) Any flammable or explosive liquid, solid or gas, including but not limited to gasoline, benzene, naphtha, alcohol and propane;
- (b) Any substance that is water reactive or by interaction with other wastes will cause an explosion, generate flammable gases or support combustion, including but not limited to calcium carbide, sodium and oxidizers;

Poisonous and Infectious Substances

- (c) Any water or waste containing a toxic, poisonous or infectious substance in sufficient quantity to injure or constitute a hazard to humans or animals, or to create any hazard to the receiving waters of the storm drainage system;
- (d) Any pesticides, herbicides or fungicides;

Corrosive and Noxious Substances

- (e) Any gases, liquids, or solids including but not limited to corrosive, noxious or malodorous materials which either by themselves or by interaction with other wastes are capable of:
 - (i) creating a public nuisance;
 - (ii) causing a hazard to life or damage to property or the environment, or
 - (iii) causing damage to the storm drainage system.

Radioactive Substances

- (f) Any radioactive material except within such limits as are permitted by the license issued by the Atomic Energy Control Board of Canada;

Special Wastes

- (g) Any special waste as defined in the British Columbia *Waste Management Act*.

High Temperature Wastes

- (h) Any material that will react with water that will create heat in amounts which will interfere with the operation and maintenance of the storm drainage system or exceed the temperature limits in Clause 2.7;

Trucked Wastes

- (i) Any material from a cesspool, septic tank or sewage holding tank, including those in recreational vehicles, or any trucked wastes.

Dyes

- (j) Any dyes except those approved by the Director or where the Inspector has granted permission.

Obstructive Wastes

- (k) Any substance which may solidify or become discernibly viscous at temperatures above 0° Celsius;
- (l) Any substance which will solidify or become discernibly viscous when it reacts with water.

6. 2.9 Accidental Discharges

- (i) A person who accidentally discharges prohibited substances into a public or private storm drainage system or watercourse must report the incident to the Director or the Inspector.
- (ii) Any person handling or storing chemicals, chemical wastes or substances or materials identified in Subsection 3.3 must:
 - (a) Handle or store them in such a manner as to prevent the leakage or discharge of these chemicals, substances or materials from entering a drainage system, waterways or onto any land that will run, drain, seep or otherwise be discharged into the drainage system or any waterway.
 - (b) When required by the Inspector or the Fire Chief, construct containment barriers of sufficient height to contain the volume of material stored in the largest tank and of type and design approved by the Inspector or the Fire Chief;
 - (c) When required by the Inspector, install a shut-off valve on the outlet of the storm sump so that in an emergency the escape of prohibited wastes can be prevented from entering the drainage systems, and
 - (d) In the event of a spill, turn off the shut-off valve on the outlet of the storm sump to prevent the escape of prohibited wastes into the storm drainage system.

7. Part IV Charge For Service is amended by adding the following section:

4.4 Abandonment

When any storm drain service is abandoned, the owner or his agent shall notify the City and the Director shall cut off the service connection at the junction with the main. The owner shall be liable for the abandonment charge specified in the City's Fees and Charges bylaw.

8. Part V Inspection is amended as follows:

- (i) The title "**Part V Inspection**" is hereby deleted and is replaced with:

"Part V Inspection and Enforcement."

- (ii) The following new section is added:

5.2 Should any person who is required by the provisions of this Bylaw to do any matter or thing, be in default of it being done by that person, such matter or thing may be done at the expense of the person in default and the Council may recover the expense thereof, with costs in like manner as municipal taxes.

9. This Bylaw shall come into force and take effect upon final adoption

10. This Bylaw may be cited as “Storm Drain Connection Fee Amendment Bylaw No. 2182, 2001.”

Read a first time this 5th day of February, 2001

Read a second time this 5th day of February, 2001

Read a third time this 5th day of February, 2001

Finally passed and adopted this 19th day of February, 2001

Mayor

Clerk