

SCHEDULE "G"

CODE OF PRACTICE FOR CONSTRUCTION AND DEVELOPMENT ACTIVITIES

1.0 APPLICATION

1.1 This code of practice describes the terms and conditions for the discharge of wastewater from construction or development activities into the municipal stormwater system or watercourse and is adopted under the authority of section 8(3)(a) and section 8(3)(j) of the *Community Charter*.

1.2 The following activities are exempt from this code of practice:

- (a) excavation for cemetery graves,
- (b) well drilling,
- (c) interior demolition and construction,
- (d) normal farm practices,
- (e) mining,
- (f) landscaping activities.

1.3 In this code of practice:

(a) **"Alteration of Land"** means the removal of vegetation from more than 10% of the area of the property or the excavation or addition of more than 20 cubic meters of soil within a 12-month period.

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(b) **"Construction or Development Activity"** means the alteration of land, construction and alteration of buildings and structures, and demolition of buildings and structures, but does not include agricultural activities.

(c) **"Equipment Washing Activities"** means any activity that involves washing the exterior of a self-propelled piece of equipment or motor vehicle.

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(d) **"Erosion and Sediment Control Facilities"** or **"ESC Facilities"** means systems, works, measures, or methods installed or employed to prevent soil erosion, and to prevent sediment or sediment laden water from reaching the municipal storm drain system or watercourses during construction and development activities.

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(e) **"Erosion and Sediment Control Monitor"** or **"ESC Monitor"** means a qualified professional who is experienced in implementing erosion and sediment control plans and who is responsible for the implementation, inspection, monitoring, maintenance, operation, and reporting of ESC facilities to ensure these are installed and maintained in accordance with the erosion and sediment control plan and erosion and sediment control best management practices.

- 26-005 (f) **“Erosion and Sediment Control Plan”** or **“ESC Plan”** means the specifications, drawings, plans, and design calculations in accordance with Schedule A of the Works and Services Bylaw for works, measures, or methods to prevent, control, and monitor the discharge of prohibited waste from construction and development activities into the municipal storm drain system or watercourse.
- (g) **“Fuel Storage Tank”** means a tank designed to hold more than 25 litres of fuel, but does not include fuel tanks in or affixed to motor vehicles.
- (h) **“Landscaping Activities”** means the installation and maintenance of vegetation and non-structural features in the unpaved areas of the property, but does not include excavation of over 20 cubic meters of soil or removal of vegetation from less than 10% of the area of the property within a 12-month period.
- (i) **“Operator”** means the owner of the land or an appointed designate responsible for the site or activities on the site.
- (j) **“Sampling Point”** means a location where a representative sample of the discharge may be collected.
- 26-005 (k) **“Significant Rainfall Event”** or **“SRE”** means any precipitation event, which meets or exceeds an intensity of 12.5 mm per hour, or when 25 mm of total rainfall is expected within a 24-hour period.
- (l) **“Spill”** means a release or discharge into the site drainage system or municipal stormwater system or watercourse of a substance that causes or may cause the stormwater discharge from the site to exceed the restrictions specified in Schedule “D”, but does not include the release or discharge of suspended solids.
- (m) **“Storage Containment Area”** means an area with a containment system constructed of an impervious material and designed to prevent the release of a liquid material stored in a primary container from entering the municipal stormwater system or watercourse in the case of a spill or rupture of the primary container.

2.0 DISCHARGE REGULATIONS

2.1 An operator of a construction or development activity must not discharge wastewater which, at the point of discharge into the municipal stormwater system or watercourse contains:

- (a) prohibited wastes as defined in Schedule “D”,
- (b) water that accumulates in any fuel or storage tank, with the exception of water storage tanks and other tanks that have been properly cleaned to remove residual contaminants,
- (c) water that accumulates in a storage containment area,
- (d) water containing cement or concrete,

- (e) wash and rinse water from equipment washing activities, with the exception of wash and rinse water on lands that are designated as a quarantine area under the Golden Nematode Order (SOR/80-260) issued under the federal *Plant Protection Act*.

2.2 An operator of a construction or development activity that discharges wastewater, other than stormwater from roof drains and perimeter drains, into the municipal stormwater system or watercourse must implement a ESC plan to ensure that the discharge quality meets the restrictions specified in Schedule "D".

26-005 2.3 ESC facilities installed under an ESC plan, as required under Section 2.2, must include a sampling point prior to discharge into the municipal storm drain system or watercourse.

2.4 An operator of a construction or development activity must ensure that a sampling point, if required under Section 2.3, is readily and easily accessible for inspection.

26-005 2.5 An operator of a construction or development activity must not dispose of solids or other material accumulated in any ESC facility or manufactured treatment device into the municipal stormwater system or watercourse.

26-005 2.6 An operator of a construction or development activity for the construction of low-density residential properties must install and maintain the minimum required ESC facilities for low-density residential properties identified in the Code of Practice Registration Form.

26-005 2.7 An operator of a construction or development activity other than of low-density residential properties must:

- (a) conduct a pre-construction inspection of initial ESC facilities installation to ensure adherence with the approved ESC Plan,
- (b) inspect the ESC facilities at least once per day during a day with precipitation to verify that the ESC facilities are in good operating condition,
- (c) follow the proposed schedule for ESC facility monitoring, maintenance, reporting and water quality monitoring and reporting in accordance with the approved ESC Plan, and
- (d) restore the ESC facilities to good operating condition if the ESC facilities are not operating as designed.

2.8 An operator of a construction or development activity, except for construction on a municipal roadway under a valid permit, must ensure that silt, soil, sand, gravel and other granular material is not deposited onto roadways or other property owned by the municipality.

3.0 SPILL PREVENTION AND RESPONSE

3.1 An operator of a construction or development activity must ensure that hazardous materials and hazardous wastes, not otherwise regulated under the Fire Code or the

Environmental Management Act, in amounts over 25 kg or 25 litres, be stored in a manner that will prevent the discharge of spilled material into the municipal stormwater system or watercourse.

- 3.2 An operator of a construction or development activity must prepare a spill response plan suitable for the site.
- 3.3 The spill response plan must:
 - (a) specify the response for containment and clean-up of all spills,
 - (b) define the roles and responsibilities of the operations personnel for spill response,
 - (c) include contact names and telephone numbers for appropriate agencies, and
 - (d) provide a checklist of spill response equipment and supplies.
- 3.4 An operator of a construction or development activity must keep a copy of the spill response plan, required under Section 3.2, at the site and available for inspection by the Director or bylaw enforcement officer.
- 3.5 In the event of a spill, an operator of a construction or development activity must immediately implement the provisions of the spill response plan specified in sections 3.2 and 3.3, when safe to do so to prevent or discontinue the discharge of spilled material from entering into the municipal stormwater system or watercourse. Where there is potential for the spill to enter either the municipal stormwater system or watercourse, the Director must immediately be notified.
- 3.6 During a spill response, an operator of a construction or development activity who operates ESC facilities or manufactured treatment devices must inspect the ESC facilities or manufactured treatment devices for spilled material.
- 3.7 If an operator of a construction or development activity detects or observes spilled material in the ESC facilities or manufactured treatment devices that may cause the discharge to exceed the restrictions specified in Schedule "D", then the operator of the construction or development activity must remove the spilled material immediately or cease discharge to the municipal stormwater system or watercourse until the material has been removed.
- 3.8 An operator of a construction or development activity must keep the spill response equipment and supplies identified in the spill response plan specified in sections 3.2 and 3.3 at the location of the construction or development activity and readily available at all times.

4.0 RECORD KEEPING AND RETENTION

- 4.1 An operator of a construction or development activity must keep a record of all inspection and maintenance activities in relation to the ESC facilities or manufactured treatment devices, including:

- (a) the date of inspection or maintenance,
 - (b) a description of maintenance conducted, and
 - (c) a description of the disposition of the material removed from the ESC facilities or manufactured treatment devices, including name and address of any disposal or recycling companies receiving the material.
- 4.2 An operator of a construction or development activity must keep a record of all spills, including:
 - (a) the date of spill,
 - (b) the type of material spilled,
 - (c) the quantity of material spilled, and
 - (d) the spill response action.
- 4.3 The records required under sections 4.1 and 4.2 shall be retained for a period of two years and shall be available for inspection by a bylaw enforcement officer or the Director.