

SCHEDULE "N"

(Bylaw 3105)

CODE OF PRACTICE FOR VEHICLE WASH OPERATIONS BYLAW NO. 2922

1.0 APPLICATION

1.1 This code of practice prescribes conditions governing the discharge of waste from vehicle wash operations directly or indirectly into a sewer connected to a sewage facility.

1.2 The term "treatment works" in this code of practice means the works referred to in Sections 2.4, 2.5, 2.7 and 2.11.

2.0 DISCHARGE REGULATIONS

2.1 An operator of a vehicle wash operation must not discharge waste which, at the point of discharge into a sanitary sewer, contains:

- (a) prohibited waste as set out in Schedule "A";
- (b) restricted waste as set out in Schedule "B";
- (c) uncontaminated water, in quantities greater than 2.0 cubic metres per day, without prior authorization from the manager;
- (d) wastewater from engine washing or cleaning;
- (e) trucked liquid waste;
- (f) carpet cleaning waste;
- (g) recreational vehicle waste; or
- (h) wastewater from oily rag washing or cleaning.

2.2 An operator of a vehicle wash operation must not discharge stormwater into a sanitary sewer connected to a sewage facility unless the stormwater originates from a designated uncovered vehicle wash area that has been designed to minimize the amount of stormwater from outside the vehicle wash area.

2.3 An operator of a vehicle wash operation must not discharge groundwater from a contaminated site as defined in the Contaminated Sites Regulation into a sanitary sewer connected to a sewer facility without a waste discharge permit or authorization issued under Section 3 of the bylaw.

2.4 An operator of a vehicle wash operation that commences operation on or after January 1, 2004 must not discharge liquid waste from a vehicle washing process into a sewer unless the vehicle wash operation is equipped with one or more vehicle wash interceptors to treat the waste in accordance with this code of practice.

2.5 An operator of a vehicle wash operation that commences operation on or after January 1, 2004 may use an alternate treatment works, or a combination of treatment works other than described in this code of practice, to treat liquid waste from a vehicle washing process if the alternate treatment works produces effluent that complies with Section 2.1 prior to discharge into a sewer and where valid analytical test data has been submitted to, and accepted by, the manager.

2.6 An operator of a vehicle wash operation that is in operation before January 1, 2004 and that does not have the treatment works as required in Sections 2.4 or 2.5 must install the treatment works in accordance with this code of practice on the sooner of the occurrence

of the following:

- (a) January 1, 2005;
 - (b) the operator of a vehicle wash operation makes an improvement with a value of \$1,000 or more within the vehicle wash operation that will increase either or both of the discharge flow of the waste or the amount of any contaminant in the waste; or
 - (c) the operator of a vehicle wash operation discharges waste into a sewer that exceeds the limitations specified in Section 2.1.
- 2.7 A vehicle wash interceptor installed in accordance with Section 2.4 or 2.6 must:
- (a) have a minimum liquid volume of 2.0 cubic metres per manual wash bay and a minimum liquid volume of 10 cubic metres per mechanical wash bay; and
 - (b) a minimum of three chambers designed to retain oil and grease and suspended solids from vehicle wash wastewater.
- 2.8 An operator of a vehicle wash operation who operates a treatment works referred to in Sections 2.4, 2.5 or 2.6 must direct all liquid waste from a vehicle washing process to the treatment works before discharge into a sanitary sewer.
- 2.9 An operator of a vehicle wash operation must ensure that all waste from washrooms, washing machines and change rooms bypasses the treatment works.
- 2.10 An operator of a vehicle wash operation must not use or allow the use of chemical agents, solvent-containing products, hot water or other agents with the intention of facilitating the passage of oil and grease through a treatment works.
- 2.11 An operator of a vehicle wash operation who operates a treatment works on or after June 1, 2004 must:
- (a) equip the treatment works with a monitoring point located either at the outlet of the treatment works or downstream of the treatment works at a location upstream of the point of discharge of other waste; and
 - (b) install the monitoring point described in subsection 2.11(a) of the same diameter as the treatment works outlet pipe and so that the monitoring point opens in a direction at right angles to, and vertically above, the flow in the sewer pipe.
- 2.12 An operator of a vehicle wash operation must locate the treatment works so that they are readily and easily accessible for inspection and maintenance.
- 2.13 An operator of a vehicle wash operation who operates a vehicle wash interceptor must not permit the floating oil and grease to accumulate in any chamber of the vehicle wash interceptor in excess of the lesser of 2.5 cm (one inch) or 5% of the wetted height of the vehicle wash interceptor.
- 2.14 An operator of a vehicle wash operation who operates one or more vehicle wash interceptors must not permit the settled solids to accumulate in any chamber of any vehicle wash interceptor in excess of 50% of the wetted height of the vehicle wash interceptor.
- 2.15 An operator of a vehicle wash operation who operates one or more vehicle wash interceptors must inspect each chamber of each vehicle wash interceptor and measure the accumulated solids and floating oil and grease at least once per month to check the levels specified under Sections 2.13 and 2.14.

- 2.16 An operator of a vehicle wash operation who operates one or more vehicle wash interceptors must cause each vehicle wash interceptor to be cleaned out within seven days of determining that the levels specified in Section 2.13 or 2.14 have been exceeded.
- 2.17 An operator of a vehicle wash operation who operates one or more vehicle wash interceptors must cause each of the vehicle wash interceptors to be cleaned out at least once every 12 months.
- 2.18 An operator of a vehicle wash operation must display signage prohibiting engine cleaning or washing and the disposal of wastewater or other substances specified in Section 2.1 into a sewer connected to a sewage facility.
- 2.19 A person must not wash an engine at a vehicle wash operation where wastewater or other substances specified in Section 2.1 associated with the engine washing are discharged into a treatment works or a sewer.

3.0 SPILL RESPONSE PLANS

- 3.1 An operator of a vehicle wash operation must have a spill response plan.
- 3.2 An operator of a vehicle wash operation commencing operation after the date this code of practice comes into effect must prepare a spill response plan at least 30 days prior to commencing operation.
- 3.3 The spill response plan required under Sections 3.1 or 3.2 must be posted in a conspicuous location on the premises of the operation.
- 3.4 In the event of a spill, an operator of a vehicle wash operation must immediately carry out the provisions of the spill response plan, when safe to do so, to prevent or discontinue the discharge of spilled material into a sewer.
- 3.5 As part of a spill response plan, an operator of a vehicle wash operation who operates a treatment works must inspect the treatment works for spilled material immediately after having knowledge of the spill.
- 3.6 An operator of a vehicle wash operation who observes spilled material in the treatment works during an inspection under Section 3.5 must have the spilled material removed before resuming the wastewater discharge from the operation.
- 3.7 An operator of a vehicle wash operation must maintain the spill prevention and clean-up equipment and supplies identified in the spill response plan specified in Sections 3.1 and 3.2 in stock and readily available for use at all times.

4.0 RECORD KEEPING AND RETENTION

- 4.1 An operator of a vehicle wash operation who installs one or more treatment works must keep a record at the vehicle wash operation of all inspection and maintenance activities for the treatment works, including the:
 - (a) date of inspection or maintenance;
 - (b) description of inspection or maintenance conducted;
 - (c) measured depth of settled and floating material in each vehicle wash interceptor as required in Section 2.15;
 - (d) quantity and description of material removed from the treatment works; and

- (e) name, civic and postal address, and the telephone number of the disposal or recycling company or facility collecting or transporting the material removed from the treatment works.
- 4.2 An operator of a vehicle wash operation who installs treatment works must keep records of the treatment works design calculations and drawings available for inspection at the request of an officer.
- 4.3 The design drawings required under Section 4.2 must show the point of connection of the treatment works to the sanitary sewer.
- 4.4 An operator of a vehicle wash operation must keep a record at the vehicle wash operation of all disposal or recycling services for wastewater and other substances specified in Section 2.1 to be disposed or recycled, including the:
 - (a) name, civic and postal address, and the telephone number of each disposal or recycling company or facility used by the vehicle wash operation;
 - (b) type of material transferred to each company or facility;
 - (c) quantity of material transferred to each company or facility; and
 - (d) date of material transferred to each company or facility.
- 4.5 The records required under Sections 4.1 and 4.4 must be retained for a period of two years and must be available for inspection on request by an officer.