

SCHEDULE "M"

(Bylaw 3105)

CODE OF PRACTICE FOR AUTOMOTIVE REPAIR OPERATIONS BYLAW NO. 2922

1.0 APPLICATION

- 1.1 This code of practice prescribes conditions governing the discharge of waste from automotive repair 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, 2.6 and 2.10.

2.0 DISCHARGE REGULATIONS

- 2.1 An operator of an automotive repair operation must not discharge waste which, at the point of discharge into a sewer, contains:
- (a) prohibited waste as set out in Schedule "A";
 - (b) restricted waste as set out in Schedule "B", with the exception of oil and grease (hydrocarbons);
 - (c) oil and grease (hydrocarbons) in a concentration that is in excess of 50 milligrams per litre (mg/L) as analyzed in a grab sample;
 - (d) uncontaminated water, in quantities greater than 2.0 cubic metres per day, without prior authorization from the manager;
 - (e) water that accumulates in any fuel storage tank;
 - (f) rinse water from motor vehicle parts that have been washed in solvent;
 - (g) wastewater from oily rag washing or cleaning; or
 - (h) wastewater from engine washing or cleaning.
- 2.2 An operator of an automotive repair operation must not discharge stormwater into a sanitary sewer connected to a sewage facility unless the stormwater originates from:
- (a) fueling station areas; or
 - (b) above ground storage tank containment areas.
- 2.3 An operator of an automotive repair operation must not discharge groundwater from a contaminated site as defined in the Contaminated Sites Regulation into a sanitary sewer connected to a sewage facility without a waste discharge permit or authorization issued under Section 3 of the bylaw.
- 2.4 An operator of an automotive repair operation that is in operation on or after January 1, 2004 must not discharge liquid waste from an automotive repair process into a sewer unless the automotive repair operation is equipped with one or more oil-water separators to treat the waste in accordance with this code of practice.
- 2.5 An operator of an automotive repair operation that is in operation on or after January 1, 2004 may use an alternate treatment works, or a combination of treatment works other than that described in this code of practice, to treat liquid waste from an automotive repair 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 an automotive repair operation who installs an oil-water separator in accordance with Section 2.4 must ensure that the oil-water separator has a minimum liquid volume of 2.0 cubic metres.
- 2.7 An operator of an automotive repair operation referred to in Sections 2.4 or 2.5 must direct all liquid waste from an automotive repair process to one or more treatment works before discharge into a sewer.
- 2.8 An operator of an automotive repair operation must ensure that all waste from washrooms, washing machines and change rooms bypasses the treatment works.
- 2.9 An operator of an automotive repair 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.
- 2.10 An operator of an automotive repair 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 2.10(a) of the same diameter as the treatment works outlet pipe so that the monitoring point opens in a direction at right angles to, and vertically above, the flow in the sewer pipe.
- 2.11 An operator of an automotive repair operation must locate the treatment works so that they are readily and easily accessible for inspection and maintenance.
- 2.12 An operator of an automotive repair operation who operates an oil-water separator must not permit the floating oil and grease to accumulate in any chamber of the oil-water separator in excess of the lesser of 5 cm (two inches) or 5% of the wetted height of the oil-water separator.
- 2.13 An operator of an automotive repair operation who operates an oil-water separator must not permit the settled solids to accumulate in any chamber of the oil-water separator in excess of the lesser of 15 cm (six inches) or 25% of the wetted height of the oil-water separator.
- 2.14 An operator of an automotive repair operation who operates an oil-water separator must inspect the oil-water separator and measure the accumulated solids and floating oils at least once every three months to check the levels specified under Sections 2.12 and 2.13.
- 2.15 An operator of an automotive repair operation must cause an oil-water separator to be cleaned out within seven days of determining that the levels specified under Sections 2.12 or 2.13 have been exceeded.
- 2.16 An operator of an automotive repair operation must cause the oil-water separator to be cleaned out at least once every 12 months.

3.0 STORAGE AND CONTAINMENT

- 3.1 An operator of an automotive repair operation must ensure that the following materials are stored using spill containment that will prevent the release of spilled material from entering a sewer connected to a sewage facility:

- (a) used acid-filled batteries;
 - (b) used solvent-containing waste, used antifreeze, used oils, used oil filters, used brake fluid and used transmission fluid;
 - (c) above ground fuel storage tanks; and
 - (d) greater than 50 litres of any solvent-containing product, antifreeze, oil or other prohibited or restricted waste stored at floor level in containers other than permanent engineered containers that are protected from vehicle contact.
- 3.2 An operator of an automotive repair operation must supervise the discharge of accumulated stormwater from a spill containment system to ensure that the discharge does not bypass the treatment works.

4.0 SPILL RESPONSE PLANS

- 4.1 An operator of an automotive repair operation must have a spill response plan.
- 4.2 An operator of an automotive repair 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.
- 4.3 The spill response plan required under Sections 4.1 or 4.2 must be posted in a conspicuous location on the premises of the operation.
- 4.4 In the event of a spill, an operator of an automotive repair 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.
- 4.5 As part of a spill response plan, an operator of an automotive repair operation who operates a treatment works must inspect the treatment works for spilled material immediately after having knowledge of the spill.
- 4.6 An operator of an automotive repair operation who observes spilled material in the treatment works during an inspection under Section 4.5 must have the spilled material removed before resuming wastewater discharge from the operation.
- 4.7 An operator of an automotive repair operation must maintain the spill prevention and clean-up equipment and supplies identified in the spill response plan specified in Sections 4.1 and 4.2 in stock and readily available for use at all times.

5.0 RECORD KEEPING AND RETENTION

- 5.1 An operator of an automotive repair operation who installs one or more treatment works must keep a record at the automotive repair 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 material and depth of floating material in the oil-water separator, as required in Section 2.14;
 - (d) quantity and description of material removed from the treatment works; and
 - (e) name, civic and postal address, and telephone number of the disposal or recycling company or facility collecting or transporting the material removed from the

treatment works.

- 5.2 An operator of an automotive repair 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.
- 5.3 The design drawings required under Section 5.2 must show the point of connection of the treatment works to the sanitary sewer.
- 5.4 An operator of an automotive repair operation must keep a record at the automotive repair 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 telephone number of each disposal or recycling company or facility used by the automotive repair 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.
- 5.5 The records required under Sections 5.1 and 5.4 must be retained for a period of two years and must be available for inspection on request by an officer.