

CITY OF ABBOTSFORD
SEWER REGULATIONS BYLAW, 2017

Bylaw No. 2664-2017

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SCHEDULE "F"

CODE OF PRACTICE FOR AUTOMOTIVE OPERATIONS

1. PURPOSE

Pursuant to Section 28 of this Bylaw, this Code of Practice for Automotive Operations sets out the requirements for managing Non-Domestic Waste discharged directly or indirectly from an Automotive Operation into the Sanitary Sewer or the Wastewater Treatment System.

2. APPLICATION

- (1) This Code of Practice applies to Automotive Operations that discharge Non-Domestic Waste directly or indirectly into the Sanitary Sewer or the Wastewater Treatment System. If work in an Automotive Operation is limited to Dry Shop processes then the installation of the Treatment Works is not required but all other requirements under this Code of Practice will apply.
- (2) The Engineer may require a Wastewater Discharge Permit from the Operator of an Automotive Operation to authorize the Discharge of Non-Domestic Waste.
- (3) If the Engineer requires a Wastewater Discharge Permit from the Operator of an Automotive Operation, this Code of Practice will not apply unless the Wastewater Discharge Permit so provides.
- (4) Nothing in this Code of Practice exempts a Person discharging Waste from complying with the Bylaw or a Wastewater Discharge Permit issued under this Bylaw and all other applicable enactments.

3. REQUIREMENTS

- (1) An Operator of an Automotive Operation must not Discharge Waste, which, at the point of Discharge into a Sanitary Sewer, contains:
 - (a) Prohibited Waste;
 - (b) Restricted Waste, other than 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) Water that accumulates in any fuel storage tank;
 - (e) Rinse Water from motor vehicle parts that have been washed in Solvent;

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- (f) Wastewater from oily rag washing or cleaning; or
 - (g) Wastewater from engine washing or cleaning.
- (2) An Operator of an Automotive Operation must not Discharge Groundwater from a contaminated site as defined in the Contaminated Sites Regulation into a Sanitary Sewer without a Wastewater Discharge Permit issued under Section 27 of this Bylaw.
 - (3) An Operator of an Automotive Operation that commences operation on or after July 29, 2012 must not Discharge liquid Waste from Automotive Operation processes into the Sanitary Sewer unless the Automotive Operation is equipped with one (1) or more Oil-Water Separators to treat the Waste in accordance with this Code of Practice.
 - (4) An Operator of an Automotive Operation that commences operation on or after July 29, 2012 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 if the alternate Treatment Works produces Effluent that complies with Subsection (1) prior to Discharge into a Sanitary Sewer and where valid analytical test data has been submitted to, and accepted by, the Engineer.
 - (5) An Operator of an Automotive Operation that is in operation before July 29, 2012 and does not have the Treatment Works specified in Subsections (3) or (4) must install the Treatment Works by July 29, 2017 to treat the Waste in accordance with this Code of Practice.
 - (6) An Oil-Water Separator installed by the Operator of an Automotive Operation in accordance with Subsection (3) or (5) must:
 - (a) have a minimum liquid volume of 2.0 cubic metres; and
 - (b) have a minimum of three (3) chambers designed to retain Oil and Grease and Suspended Solids from the liquid Waste.
 - (7) An Operator of an Automotive Operation who operates a Treatment Works referred to in Subsections (3), (4) or (5) must direct all liquid Waste from an Automotive Operation process to one or more Treatment Works before discharging into a Sanitary Sewer.
 - (8) An Operator of an Automotive Operation must ensure that all Waste from washrooms, washing machines and change rooms bypasses the Treatment Works.

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- (9) An Operator of an Automotive Operation must not use, or allow the use of, chemical agents, Solvent-containing products, hot Water or other agents to facilitate the passage of Oil and Grease through a Treatment Works.
- (10) An Operator of an Automotive Operation who operates a Treatment Works referred to in Subsection (3), (4) or (5) 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 Paragraph (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 Sanitary Sewer pipe.
- (11) An Operator of an Automotive Operation must locate the Treatment Works referred to in Subsections (3), (4) or (5) so that they are readily and easily accessible for inspection and maintenance.
- (12) An Operator of an Automotive Operation who operates one (1) or more Oil-Water Separators must not permit the floating Oil and Grease to accumulate in any chamber of any Oil-Water Separator in excess of the lesser of 5 cm (two inches) or 5% of the Wetted Height of the Oil-Water Separator.
- (13) An Operator of an Automotive Operation who operates one (1) or more Oil-Water Separators must not permit the settled solids to accumulate in any chamber of any Oil-Water Separator in excess 50% of the Wetted Height of the Oil-Water Separator.
- (14) An Operator of an Automotive Operation who operates one (1) or more Oil-Water Separators must inspect each chamber of each Oil-Water Separator and measure the accumulated solids and floating oils at least once every month to check the levels specified under Subsections (12) and (13).
- (15) An Operator of an Automotive Operation who operates one (1) or more Oil-Water Separators must cause each Oil-Water Separator to be Cleaned Out within seven (7) days of determining that the levels specified under Subsection (12) or (13) have been exceeded.
- (16) An Operator of an Automotive Operation who operates one (1) or more Oil-Water Separators must cause each Oil-Water Separator to be Cleaned Out at least once every 12 months.

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- (17) An Operator of an Automotive Operation in operation after July 29, 2012 must ensure that the following materials are stored using Spill Containment that will prevent the release of spilled materials from entering any Sewer:
- (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.

4. RECORD KEEPING AND RETENTION

- (1) An Operator of an Automotive Operation who installs one (1) or more Treatment Works referred to in Sections 3 (3), 3 (4) or 3 (5) must keep a record at the Automotive Operation of all inspection and maintenance activities for the Treatment Works, including:
- (a) the date of inspection or maintenance;
 - (b) the description of inspection or maintenance conducted;
 - (c) the measured depth of settled and floating material in each Oil-Water Separator, as required in Sections 3 (12) and 3 (13);
 - (d) the quantity and description of material removed from the Treatment Works; and
 - (e) the 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.
- (2) An Operator of an Automotive Operation who installs Treatment Works must keep records of the Treatment Works design calculations and drawings available for inspection at the request of the Engineer.
- (3) The design drawings required under Subsection (2) must show the point of connection of the Treatment Works to the Sanitary Sewer.

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- (4) An Operator of an Automotive Operation in operation after July 29, 2012 must keep a record at the Automotive Operation of all disposal and recycling services for Waste and other Substances specified in Section 3 (1) to be disposed or recycled, including:
 - (a) the name, civic and postal address, and telephone number of the disposal or recycling company used by the Automotive Operation;
 - (b) the type of material transferred to each company or facility;
 - (c) the quantity of material transferred to each company or facility; and
 - (d) the date of material transferred to each company or facility.
- (5) All records must be retained for a period of two (2) years and must be available for inspection by the Engineer upon request, at any time during the ordinary business hours of the Automotive Operation.