

CITY OF ABBOTSFORD  
SEWER REGULATIONS BYLAW, 2017

Bylaw No. 2664-2017

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SCHEDULE "G"

CODE OF PRACTICE FOR VEHICLE WASH OPERATIONS

1. PURPOSE

This Code of Practice for Vehicle Wash Operations sets out the requirements for managing Non-Domestic Waste discharged directly or indirectly from a Vehicle Wash Operation into the Sanitary Sewer or the Wastewater Treatment System.

2. APPLICATION

- (1) This Code of Practice applies to Vehicle Wash Operations that discharge Non-Domestic Waste directly or indirectly into the Sanitary Sewer or the Wastewater Treatment System.
- (2) The Engineer may require a Wastewater Discharge Permit from the Operator of a Vehicle Wash Operation to authorize the Discharge of Non-Domestic Waste.
- (3) If the Engineer requires a Wastewater Discharge Permit from the Operator of an Vehicle Wash 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 the Bylaw and all other applicable Enactments.

3. REQUIREMENTS

- (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;
  - (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; or
  - (d) Wastewater from oily rag washing or cleaning.
- (2) An Operator of a Vehicle Wash Operation must not Discharge Storm Water into a Sanitary Sewer unless the Storm Water originates from a designated uncovered vehicle wash area that has been designed to minimize the amount of Storm Water from outside the vehicle wash area.

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- (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 without a Wastewater Discharge Permit issued under Section 27 of this Bylaw.
- (4) An Operator of a Vehicle Wash Operation that commences operation on or after July 29, 2012 must not Discharge liquid Waste from vehicle washing processes into the Sanitary Sewer unless the Vehicle Wash Operation is equipped with one (1) or more Oil-Water Separators to treat the Waste in accordance with this Code of Practice.
- (5) An Operator of a Vehicle Wash 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.
- (6) An Operator of a Vehicle Wash Operation that is in operation before July 29, 2012 and that does not have the Treatment Works specified in Subsection (4) or (5) must install the Treatment Works by July 29, 2017 to treat the Waste in accordance with this Code of Practice
- (7) An Oil-Water Separator installed by the Operator of a Vehicle Wash Operation in accordance with Subsection (4) or (6) must:
  - (a) have a minimum liquid volume of 2 cubic metres per manual wash bay and a minimum liquid volume of ten (10) cubic metres per mechanical wash bay; and
  - (b) have a minimum of three (3) chambers designed to retain Oil and Grease and Suspended Solids from the vehicle wash Water.
- (8) An Operator of a Vehicle Wash Operation who operates a Treatment Works referred to in Subsection (4), (5) or (6) must direct all liquid Waste from a Vehicle Wash Operation process to one (1) or more Treatment Works before discharging into a Sanitary Sewer.
- (9) An Operator of a Vehicle Wash Operation must ensure that all Waste from washrooms, washing machines and change rooms bypasses the Treatment Works.

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- (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.
- (11) An Operator of a Vehicle Wash Operation who operates a Treatment Works referred to in Subsection (4), (5) or (6) 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 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.
- (12) An Operator of a Vehicle Wash Operation must locate the Treatment Works referred to in Subsection (4), (5) or (6) so that they are readily and easily accessible for inspection and maintenance.
- (13) An Operator of a Vehicle Wash 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.
- (14) An Operator of a Vehicle Wash 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.
- (15) An Operator of a Vehicle Wash 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 Subsection (13) and (14).
- (16) An Operator of a Vehicle Wash 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 (13) or (14) have been exceeded.
- (17) An Operator of a Vehicle Wash 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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CODE OF PRACTICE FOR VEHICLE WASH OPERATIONS (cont'd)

4. RECORD KEEPING AND RETENTION

- (1) An Operator of a Vehicle Wash Operation who installs one (1) or more Treatment Works referred to in Sections 3 (4), 3 (5) or 3 (6) must keep a record at the Vehicle Wash 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 (13) and 3 (14);
  - (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 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 the Engineer.
- (3) The design drawings required under Subsection (2) must show the point of connection of the Treatment Works to the Sanitary Sewer.
- (4) An Operator of a Vehicle Wash Operation in operation after July 29, 2012 must keep a record at the Vehicle Wash 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;
  - (e) the quantity of material transferred to each company or facility; and
  - (d) the date of material transferred to each company or facility.

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- (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 Vehicle Wash Operation.