

Authority: Works Committee Report No. 10, Clause No. 6,
as adopted by City of Toronto Council on October 1, 2 and 3, 2002
Enacted by Council: October 31, 2002

CITY OF TORONTO

BY-LAW No. 855-2002

**To make technical and other minor amendments to Municipal Code Chapter 681, Sewers,
Article I, Sewage and Land Drainage.**

WHEREAS certain provisions in Municipal Code Chapter 681, Sewers, Article I, Sewage and Land Drainage require clarification or amendment;

The Council of the City of Toronto HEREBY ENACTS as follows:

1. The City of Toronto Municipal Code is amended as follows:
 - A. Section 681-1 is amended by adding the following definition after the definition for MUNICIPAL SEWER CONNECTION:

NON-CONTACT COOLING WATER – Water which is used to reduce temperature for the purpose of cooling and which does not come into direct contact with any raw material, intermediate product other than heat, or finished product.

- B. Section 681-2 is amended as follows:
 - (1) By deleting Subsection B and substituting the following:
 - B. The discharge of non-contact cooling water or uncontaminated water to a sanitary sewer or combined sewer from any new residential properties is prohibited. The discharge of non-contact cooling water or uncontaminated water to a sanitary or combined sewer from industrial, commercial or institutional properties is permissible where:
 - (1) In the case of a proposed building, no storm sewer exists adjacent to the building; or
 - (2) In the case of an existing building, no storm connection exists to the building.
 - (2) By deleting Subsection C and substituting the following:
 - C. Discharge of water originating from a source other than the City water supply.
 - (1) The discharge of water originating from a source other than the City water supply, including storm water or groundwater, directly or indirectly to a sanitary sewer or combined sewer is prohibited, unless:

- (a) The discharge is in accordance with a sanitary discharge agreement, pursuant to § 681-6; and
 - (b) The discharge does not exceed the limits set out under Table 1 - Limits for Sanitary and Combined Sewers Discharge, with respect to biochemical oxygen demand, phenolics (4AAP), total phosphorus or total suspended solids; or
 - (c) In the event the discharge does exceed the limits set out under Table 1 - Limits for Sanitary and Combined Sewers Discharge, with respect to any of; biochemical oxygen demand, phenolics (4AAP), total phosphorus or total suspended solids, the discharge is in accordance with an industrial waste surcharge agreement pursuant to § 681-6.
 - (3) By deleting the figure “2” under the heading “**Limit (mg/L)**” to the immediate right of the parameter, Chromium (total), in **Table 1**, and substituting the figure “4”,
 - (4) By deleting the figure “0.001” under the heading “**Limit (mg/L)**” to the immediate right of the parameter, Nonylphenols, in **Table 1**, and substituting the figure “0.02”, and
 - (5) By deleting the figure “0.01” under the heading “**Limit (mg/L)**” to the immediate right of the parameter, Nonylphenol ethoxylates, in **Table 1**, and substituting the figure “0.2”.
- C. Section 681-6 is amended by deleting Subsection A and substituting the following:
- A. The discharge or deposit of sewage by a person that would otherwise be prohibited by this article may be permitted into or in any connection to any sanitary or combined sewer to an extent fixed by:
 - (1) An industrial waste surcharge agreement, subject to Subsection B(1), including conditions for payment of additional costs of operation, repair and maintenance of the sewage works, and on other terms and conditions as may be deemed appropriate by the City; and/or
 - (2) A sanitary discharge agreement, subject to Subsection B(2), including conditions for payment for water pollution control treatment purposes that otherwise would have been obtained from a surcharge on the water had it been supplied by the City and on other terms and conditions as may be deemed appropriate by the City; and

- (3) The industrial waste surcharge rate and the sanitary discharge rate will be reviewed and adjusted accordingly from time to time as determined by the City.

D. Subsection 681-8 is amended by deleting Subsection A and substituting the following:

- A. The sampling and analysis required by this article shall be carried out in accordance with the procedures, modified or validated by the City, as set out in the City document entitled "Quality System, Analytical Methods Manual", as it may be amended from time to time.

E. Section 681-10 is amended as follows:

- (1) By deleting Subsection A(3) and substituting the following:

- (3) Each maintenance access hole, device or facility installed as required by Subsection A(2) shall be designed and constructed in accordance with good engineering practice and the requirements of the City of Toronto Water and Wastewater Services Standard Construction Specifications and Drawings for Sewers and Watermains, as it may be amended from time to time, and shall be constructed and maintained by the owner or operator of the premises at his or her expense.

- (2) By deleting Subsection A(4) and substituting the following:

- (4) The owner or operator of an industrial, commercial or institutional premises or a multi-story residential building shall at all times ensure that every maintenance access hole, alternative device or facility installed as required by Subsection A(1) is accessible to the Commissioner for the purposes of observing, sampling and flow measurement of the sewage, uncontaminated water or storm water therein.

- (3) By adding Subsection A(5) as follows:

- (5) The provisions of Subsections A(1) to (4) inclusive do not apply to those who own or operate dental offices. Dental offices shall provide a sampling port consisting of a valve, tap, or similar device consistent with technical guidelines that the Commissioner may establish from time to time.

- (4) By deleting Subsection B and substituting the following:

B. Food-related grease interceptors.

- (1) Every owner or operator of a restaurant or other industrial, commercial or institutional premises where food is cooked, processed or prepared, which premises is connected directly or indirectly to a sewer, shall take all necessary measures to ensure that oil and grease are prevented from entering the sewer.

- (2) The owner or operator of a premises as set out in Subsection B(1) shall install, operate, and properly maintain a grease interceptor in any piping system at its premises that connects directly or indirectly to a sewer. The grease interceptors shall be installed in compliance with the most current requirements of the Ontario Building Code.
- (5) By deleting Subsection C and substituting the following:
- C. Interceptors for motor oil and lubricating grease.
- (1) Every owner or operator of a motor vehicle service station, repair shop or garage or of an industrial, commercial or institutional premises or any other establishment where motor vehicles are repaired, lubricated or maintained and where the sanitary discharge is directly or indirectly connected to a sewer, shall install and maintain an oil interceptor designed to prevent motor oil and lubricating grease from passing into the drainage piping which is connected directly or indirectly to a sewer.
 - (2) The owner or operator of a premises as set out in Subsection C(1) shall install, operate, and properly maintain an oil interceptor in any piping system at its premises that connects directly or indirectly to a sewer. The oil interceptors shall be installed in compliance with the most current requirements of the Ontario Building Code.
- (6) By deleting Subsection D and substituting the following:
- D. Sediment interceptors.
- (1) Every owner or operator of a premises from which sediment may directly or indirectly enter a sewer, including but not limited to premises using a ramp drain or area drain and car and vehicle wash establishments, shall take all necessary measures to ensure that such sediment is prevented from entering the drain or sewer.
 - (2) Catch basins installed on private property for the purposes of collecting storm water and carrying it into the storm sewers shall be equipped with goss traps or an equivalent and the installation of these catch basins on private property shall comply with the City of Toronto Water and Wastewater Services Standard Construction Specifications and Drawings for Sewers and Watermains, as it may be amended from time to time.
 - (3) No combination of a maintenance access hole and catch basin shall be installed on private property.

(7) By deleting Subsection E and substituting the following:

E. Garbage grinders.

(1) No person shall install or operate within the City any garbage grinding devices for domestic purposes, the effluent from which will discharge directly or indirectly into a storm or combined sewer.

(2) In the case of industrial, commercial or institutional properties where garbage grinding devices are installed in accordance with the Building Code, the effluent from such garbage grinding devices must comply with Section 681-2.

F. Subsection 681-11 is amended as follows:

(1) By deleting Subsection A(1) and substituting the following:

(1) Erect or cause or permit to be erected any new building unless the new building is connected to the sanitary sewer or combined sewer for sanitary drainage purposes; and

(2) By deleting Subsection B and substituting the following:

B. No sewer connection shall be constructed on any road allowance, easement, or other public land, except by the City or under a contract, agreement, or undertaking satisfactory to the Commissioner. The owner of the building shall be responsible for the cost of the sewer connection.

(3) By deleting the first sentence of Subsection G and substituting the following:

G. Any person desiring a sewer connection shall make an application for such connection on forms supplied by the Commissioner and accompanied by such plans as may be required and pay a fee for the application.

(4) By deleting Subsection H and substituting the following:

H. Sewer connections on public or private property.

(1) A sewer connection on public property between the sewer main and private property shall be installed:

(a) By the City at the expense of the owner on conditions and rates determined from time to time by the City; or

- (b) With the prior written consent of the Commissioner, by the owner of the property, at the property owner's expense under a contract, agreement, or undertaking satisfactory to the Commissioner, in compliance with the City of Toronto Water and Wastewater Services Standard Construction Specifications and Drawings for Sewers and Watermains, as it may be amended from time to time.
- (2) Sewer connections on private property shall be installed by the owner pursuant to a building permit having been issued for such purpose by the Chief Building Official of the City and in compliance with the City of Toronto Water and Wastewater Services Standard Construction Specifications and Drawings for Sewers and Watermains, as it may be amended from time to time.
- (5) By deleting Subsection I and substituting the following:
 - I. Methods and materials used in the construction of sewer connections shall resist entry of roots and acid or alkali damage, and otherwise be in accordance with requirements determined by the Commissioner from time to time.
- (6) By deleting Subsections K(3) and K(4).
- (7) By deleting Subsection L and substituting the following:
 - L. In the event that any person constructs a municipal sewer connection in a manner other than provided for in this section, the Commissioner may order the re-excavation of the connection for the purpose of inspection and testing and, if necessary, reconstruction of the work, and the Commissioner may have these works performed at the expense of the owner or disconnect the sewer connection, in which case it shall not be reconnected except with the approval of the Commissioner.
- (8) By deleting Subsection N.
- (9) By deleting the first sentence of Subsection O and substituting the following:
 - O. Where a catch basin has been installed on private property to drain storm water from a driveway which slopes towards any structure located on the property, the catch basin shall be connected to the City storm sewer where such is available, and the installation shall include:
- (10) By deleting Subsection O(1) and substituting the following:
 - (1) A flap gate backwater valve installed directly downstream of the private catch basin, so that no storm water may back up from the City storm sewer into the private catch basin; and

- (11) By deleting Subsection O(3).
- (12) By deleting the heading of Subsection Q and substituting the following:
- Q. Inflow and infiltration of storm water into sanitary sewer system.
- (13) By deleting Subsection Q(3) and substituting the following:
- (3) An owner may request the Commissioner to conduct an inspection by means of an excavation or closed circuit television inspection of any existing municipal sewer connection. The owner shall deposit a sum of money with the City, in an amount determined by the Commissioner, with respect to the inspection. If upon inspection a structural problem is found in the City portion of the connection, the deposit will be refunded.
- (14) By deleting the words, “or combined” in the second lines of each of Subsections Q(4) and Q(5).
- (15) By deleting Subsections R(1), R(2) and R(3) and substituting the following:
- (1) No owner of industrial, commercial or institutional premises shall do anything which may increase design peak flow rates of storm water or impair the quality of storm water discharged to a storm sewer.
- (2) The direct connection of any new private storm drainage system to the municipal storm sewer is prohibited, except that if in the opinion of the Commissioner there is no practical alternate means of drainage available, the Commissioner may approve the direct connection.
- (3) Before considering a request for an approval pursuant to Subsection R(2), the owner or operator of industrial, commercial or institutional premises shall be required to submit to the Commissioner for approval a storm water management report identifying the storm water quantity and quality control measures being proposed for the site.
- (16) By deleting the word, “City” in the first sentence of Subsection R(4) and substituting the word, “Commissioner”.
- (17) By deleting the period at the end of Subsection R(4)(a) and substituting a semicolon.
- (18) By deleting Subsection R(5) and substituting the following:
- (5) No direct connection or indirect interconnection between the private storm drainage system and the private sanitary drainage system is permitted.

(19) By deleting the words, “free standing building” in the first sentence of Subsection S(1) and substituting the words, “single family dwelling or residential building”.

(20) By deleting Subsection S(2) and substituting the following:

(2) Where compliance with Subsection S(1) compromises or creates a hazardous situation, an application may be made to the Commissioner for an exemption from the provisions of Subsection S(1).

(21) By deleting the heading of Subsection T and substituting the following:

T. Private swimming pool water.

G. Former Metropolitan Toronto By-law No. 96-80, as amended, a by-law to regulate the discharge of water obtained from a private water works system into the Metropolitan sewer system and to charge a rate therefor, is repealed.

ENACTED AND PASSED this 31st day of October, A.D. 2002.

CASE OOTES,
Deputy Mayor

ULLI S. WATKISS
City Clerk

(Corporate Seal)