

APPENDIX K

DRAFT SEWER USE BY-LAW

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MUNICIPALITY OF DYSART ET AL

DRAFT SEWER USE BY-LAW

being a by-law for prohibiting and regulating the discharge of sewage into the sewage system of the Municipality of Dysart et al.

WHEREAS it is deemed expedient to prohibit and regulate the discharge of sewage into the drains, sewers, sewer systems and sewage works of the Municipality of Dysart et al.

NOW, THEREFORE, BE IT ENACTED AND IT IS HEREBY ENACTED
as a by-law of the Municipality of Dysart et al through its Council thereof as follows:

1. In this by-law

- a) "biochemical oxygen demand (BOD)" means the quantity of oxygen utilized in the biochemical oxidation of organic matter in five (5) days at twenty (20) degrees celcius;
- b) "colour of a liquid" means the appearance of a liquid, from which the suspended solids have been removed;
- c) "matter" includes any solid, liquid or gas;
- d) "pH" means the negative logarithm to the base 10 of the hydrogen ion concentration in grams per litre of solution;
- e) "phenolic compounds" means those hydroxyl derivatives of aromatic hydrocarbons which have a hydroxyl group directly attached to the ring;
- f) "sanitary sewer" means a sewer for the collection and transmission of domestic, commercial, or industrial sewage or any of them.
- g) "sewage" means any liquid waste containing animal, vegetable or mineral matter in solution or in suspension;

- h) "sewage works" means any works for the collection, transmission treatment and disposal of sewage or any part of such works;
- i) "Standard Methods" means those procedures set out in "Standard Methods for the Examination of Water and Wastewater" jointly published by the American Public Health Association, the American Water Works Association, and the Water Pollution Control Federation, current at the date of testing; or those procedures approved by an analyst of the Ontario Ministry of the Environment.
- j) "suspended solids" means solid matter in or on a liquid and which matter is removable by filtering.

2. No person shall discharge or deposit, or cause or permit the discharge or deposit into land drainage works, private branch drains or connections to any sanitary sewer or combined sewer, matter of any type or at any temperature or in any quantity which may be or may become harmful to a sewage works, or which may interfere with the proper operation of a sewage works, or which may impair or interfere with any sewage treatment process, or which may obstruct any sewage works or the flow of sewage therein, or which may be or become a hazard to persons, property, or animals and, without limiting the generality of the foregoing, any of the foregoing:

- a) sewage that has or may cause an offensive odour to emanate from a sewage works;
- b) storm water, water derived from draining of roofs or land or from a watercourse, or storm sewage, except that such storm water, water derived from draining of roofs or land or from a watercourse, or storm sewage may be discharged into a combined sewer;
- c) sewage containing more than 100 milligrams per litre of solvent extractable matter of animal or vegetable origin;
- d) sewage containing more than a total of 15 milligrams per litre of solvent extractable matter of mineral or synthetic origin;

- e) sewage at a temperature greater than 65 degrees celcius;
- f) sewage having a pH less than 6.0 or greater than 10.5 or which due to its nature or content becomes less than 6.0 or greater than 10.5 within the sewage works;
- g) matter which may be or may become explosive or flammable;
- h) sewage which consists of two or more separate liquid layers;
- i) sewage in which the suspended solids exceed 350 milligrams per litre;
- j) sewage in which the BOD exceeds 300 milligrams per litre;
- k) sewage containing animal wastes such as hair, feathers, intestines or stomach casings, paunch manure or intestinal contents, hides or parts thereof, hooves, toenails, horns, bones and fleshings; and
- l) sewage containing any of the following matter in excess of the indicated concentrations:

phenolic compounds	1.0 milligrams per litre
chlorides, as Cl	1500 milligrams per litre
sulphates, as SO ₄	1500 milligrams per litre
total cyanides, expressed as HCN	2.0 milligrams per litre
total sulphides, expressed as H ₂ S	2.0 milligrams per litre
total copper, expressed as Cu	5.0 milligrams per litre
total chromium, expressed as Cr	5.0 milligrams per litre
total nickel, expressed as Ni	5.0 milligrams per litre
total lead, expressed as Pb	5.0 milligrams per litre
total zinc, expressed as Zn	5.0 milligrams per litre
total cadmium, expressed as Cd	2.0 milligrams per litre
total arsenic, expressed as As	1.0 milligrams per litre
total barium, expressed as Ba	5.0 milligrams per litre

total aluminum, expressed as Al	50 milligrams per litre
total iron, expressed as Fe	50 milligrams per litre
total mercury, expressed as Hg	0.1 milligrams per litre
total phosphorus, expressed as P	100 milligrams per litre
total tin, expressed as Sn	5.0 milligrams per litre
total fluoride, expressed as F	10.0 milligrams per litre

The sum of the concentrations of two or more of the following metals:

total copper, expressed as Cu	
total chromium, expressed as Cr	
total nickel, expressed as Ni	
total cadmium, expressed as Cd	
total zinc, expressed as Zn	
total lead, expressed as Pb	5.0 milligrams per litre

3. Except as otherwise specifically provided in this by-law all tests, measurements, analyses and examinations of sewage, its characteristics or contents shall be carried out in accordance with Standard Methods.
4. a) The owner or occupant of commercial or industrial premises with one or more connections to a sewage works, shall, unless otherwise directed in writing by the Municipality, install and maintain in good repair in each connection to a sewage works, a suitable manhole to allow observation, sampling, and measurement of the flow of sewage.
- b) Every manhole device or facility installed as required by section 4(a) hereof shall be designed and constructed in accordance with good engineering practices and the requirements of the Municipality and shall be constructed and maintained on the lands of the owner or occupant at his expense.

- c) The owner or occupant of commercial or industrial premises shall at all times ensure that every manhole device or facility installed as required by section 4(a) hereof is at all times accessible for the purposes of observing, servicing, sampling and measuring the flow of sewage therein.
- 5. The owner or occupant of any building shall notify the Municipality immediately of any accident, negligence, or other occurrence that occasions discharge into a sewage works of any sewage which is not in compliance with this by-law.
 - 6. No person shall break, damage, destroy, deface, or tamper with or permit the breaking, damaging, destruction, defacement or tampering with (a) any part of a sewage works or (b) any device whether permanently or temporarily installed in a sewage works for the purposes of inspecting, observing, measuring, sampling and testing of sewage.
 - 7. A person who has entered into an agreement with the Municipality with respect to the discharge or deposit of sewage shall not be prosecuted under this by-law provided that such discharge or deposit of sewage is in accordance with the terms of that agreement.
 - 8. For the purpose of the administration of this by-law, the Municipality or his duly authorized representative may, upon production of his identification, enter into the lands or buildings of any person and shall be permitted to inspect, measure, sample, service, photograph, and test all sewage.
 - 9. a) The owner or occupant of commercial or industrial premises may submit to the Municipality a program to prevent or to reduce and control the discharge or deposit of sewage into connections to a sewage works from those premises.

- b) The Municipality may issue an approval to be known as a "program approval" to the person who submitted the program.
- c) A person to whom a program approval has been issued shall not be prosecuted under this by-law for the discharge or deposit of sewage during the period within which the program approval is applicable provided that the person complies fully with the terms of the program approval.

10. Every person who contravenes any provision of this by-law is guilty of an offence and upon conviction is subject to a fine of not more than One Thousand Dollars (\$1,000.00) for every day or part thereof upon which such offence continues.

BY-LAW read a first time this day of 1990.

Reeve

Clerk