

THE MUNICIPAL CORPORATION OF THE COUNTY OF OXFORD

BY-LAW NO. 2719-87

BEING A BY-LAW TO REGULATE THE DISCHARGE OF SEWAGE INTO COUNTY SEWAGE WORKS, PURSUANT TO PART IX OF THE COUNTY OF OXFORD ACT.

The Council of the Corporation of the County of Oxford enacts as follows:

Section 1. DEFINITIONS

For purposes of this by-law and any agreements made pursuant hereto, the following definitions shall apply:

- 1.1 "biochemical oxygen demand" (BOD) means the quantity of oxygen utilized in the biochemical oxidation of matter in five days at twenty degrees Celsius;
- 1.2 "combined sewer" means a sewer intended to function simultaneously as a storm sewer and a sanitary sewer;
- 1.3 "hazardous industrial waste" means any material so defined by Regulation 309 made under The Environmental Protection Act;
- 1.4 "matter" includes any solid, liquid or gas;
- 1.5 "municipality" means the Corporation of the County of Oxford;
- 1.6 "pathological waste" means any material so defined by Regulation 309 made under The Environmental Protection Act;
- 1.7 "pesticide" means any material so defined and regulated by The Pesticides Act;
- 1.8 "pH" means the logarithm to the base 10 of the reciprocal of the concentration of hydrogen ions in grams per litre of solution;
- 1.9 "phenolic compounds" means those derivatives of aromatic hydrocarbons which have a hydroxyl group directly attached to the ring;
- 1.10 "sanitary sewer" means a sewer for the collection and transmission of domestic, commercial and industrial sewage or any of one or combination thereof;
- 1.11 "sewage" means any liquid waste containing animal, vegetable or mineral matter in solution or in suspension, except uncontaminated water;

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- 1.12 "sewage works" means any works for the collection, transmission, treatment or disposal of sewage, or any part of such works;
- 1.13 "standard methods" means a procedure set out in "Standard Methods for the Examination of Water and Wastewater" published jointly by the American Public Health Association, American Water Works Association and Water Pollution Control Federation, current at the date of testing, or a procedure approved by an analyst of the Ministry of the Environment;
- 1.14 "storm water" means water from rainfall or other natural precipitation or from the melting of snow or ice, and includes natural runoff from streets, parking areas, roof drains and land drainage systems;
- 1.15 "storm sewer" means a sewer for the collection and transmission of uncontaminated water, storm water, drainage from land or from a watercourse or any one or combination thereof;
- 1.16 "suspended solids" means solid matter in or on a liquid which matter is removable by filtering;
- 1.17 "uncontaminated water" means water to which no matter has been added as a consequence of its use, or to modify its use, by any person.

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Section 2 - PROHIBITED DISCHARGES

2.1 No person shall discharge or deposit, or cause to permit the discharge or deposit into any storm sewer of any matter of any type except storm water and uncontaminated water.

2.2 No person shall discharge or deposit, or cause or permit the discharge or deposit into any sanitary sewer or combined sewer any matter of any type, or at any temperature or in any quantity,

which may be or may become harmful to the sewage works;

which may interfere with the operation of the sewage works;

which may impair or interfere with any sewage treatment process;

which may cause the effluent from the sewage works to violate discharge criteria;

which may cause sludge from the sewage treatment system to violate sludge disposal criteria;

which may become a hazard to persons, animals or property.

2.3 No person shall discharge or deposit, or cause or permit the discharge or deposit into any sanitary sewer or combined sewer any of the following:

sewage that may cause an offensive odour to emanate from a sewage works;

sewage containing hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia, except where these compounds may be the result of decomposition or reduction of human wastes;

sewage at a temperature greater than sixty-five (65) degrees Celsius;

sewage having a pH less than 5.5 or greater than 10.5;

explosive matter, gasoline, benzene, naphtha, fuel oil, solvents or sewage containing any of these in any quantity;

sewage containing more than 100 milligrams per litre of solvent-extractable matter of animal, vegetable, mineral or synthetic origin;

sewage which consists of or contains free oil;

sewage in which the biochemical oxygen demand exceeds 300 milligrams per litre;

sewage containing more than 350 milligrams per litre of suspended solids.

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2.4 No person shall discharge or cause or permit the discharge of storm water, water from the drainage of roofs or land, or uncontaminated water, into any sanitary sewer.

2.5 No person shall discharge or deposit, or cause or permit the discharge or deposit into any sanitary or combined sewer, sewage containing more than the following prescribed limits (measured in milligrams per Litre) of the materials and chemicals listed below:

ALUMINUM, expressed as Al	50 mg/L
ANTIMONY, expressed as Sb	5 mg/L
ARSENIC, expressed as As	1 mg/L
BISMUTH, expressed as Bi	5 mg/L
CADMIUM, expressed as Cd	1 mg/L
CHLORIDES, expressed as Cl-	1500 mg/L
CHROMIUM, expressed as Cr	5 mg/L
COBALT, expressed as Co	5 mg/L
COPPER, expressed as Cu	2 mg/L
CYANIDE, expressed as HCN	2 mg/L
FLUORIDES, expressed as F-	10 mg/L
HAZARDOUS INDUSTRIAL WASTES	zero
HUMAN CARCINOGENS	zero
IRON, expressed as Fe	50 mg/L
LEAD, expressed as Pb	5 mg/L
MANGANESE, expressed as Mn	5 mg/L
MERCURY, expressed as Hg	0.1 mg/L
MOLYBDENUM, expressed as Mo	5 mg/L
NICKEL, expressed as Ni	2 mg/L
PATHOGENIC MATERIALS	zero
PHENOLIC COMPOUNDS	1 mg/L
PHOSPHORUS, expressed as P	10 mg/L
PESTICIDES	0.1 mg/L
RADIOACTIVE MATERIALS	zero
SELENIUM, expressed as Se	5 mg/L
SILVER, expressed as Ag	5 mg/L
SULPHATES, expressed as SO4	1500 mg/L
TIN, expressed as Sn	5 mg/L
TITANIUM, expressed as Ti	5 mg/L
VANADIUM, expressed as V	5 mg/L
ZINC, expressed as Zn	2 mg/L

2.6 In analysis of any sample of effluent to ensure compliance with article 2.5 of this by-law, any amount of water that has been purposely added to achieve dilution of the effluent to meet the standards as set out in this by-law will be deducted from calculations, so that compliance with the standards can not be met by deliberate dilution.

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Section 3 - GRANTING OF EXEMPTIONS

- 3.1 The County may, when authorized by by-law, enter into an agreement with any person or corporation for the purpose of relieving that person or corporation of the responsibility for strict compliance with this by-law. Such agreement shall clearly define alternative limitations and conditions with which the said person or corporation shall be required to comply, and such portions of the said agreement shall supercede any conflicting provisions of this by-law.
- 3.2 The County may grant, by by-law, that a municipal corporation, including the County, in exercise of its statutory responsibilities, is not bound to strict compliance with this by-law, and County Council may impose such alternative limitations and conditions as it may deem appropriate.

Section 4 - GENERAL PROVISIONS

- 4.1 All tests, measurements, analyses and examinations of sewage and its characteristics or contents shall be carried out in accordance with Standard Methods.
- 4.2 At the time of construction or reconstruction of a private sanitary sewer connecting into the County sewage system, the owner of such private sewer may be required to construct, and thereafter maintain, at his own expense, to the satisfaction of the County, a suitable manhole to allow for observation, sampling and measurement of sewage being discharged into the County system.
- 4.3 The County may require the owner or occupant of any commercial, institutional or industrial premises to install devices to monitor sewage discharges and to submit to the County regular reports in regard to such discharges.
- 4.4 An agent of the County, having identified himself to the owner or occupant of any premises and having stated the purpose of his visit, may enter such premises to observe, measure and sample the flow of sewage in any sewer connected with the County sewage works.
- 4.5 No person shall break, damage, destroy, deface or tamper with any part of a sewage works or any device installed in a sewage works for the purpose of measuring, sampling or testing of sewage.

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Section 5 - COUNTY MAY APPOINT AGENT

- 5.1 The County may designate an area municipality as its agent for the purposes of administration and enforcement of this by-law.

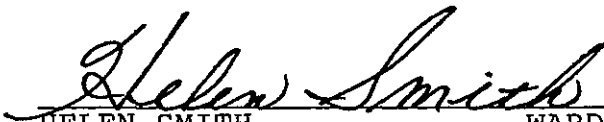
Section 6 - PENALTY

- 6.1 Every person who contravenes any provision of this by-law, except such provision as may have been waived by agreement in accordance with Section 3 hereof, and any person who contravenes any provision of an agreement made in accordance with Section 3 hereof, is guilty of an offence and is liable, upon summary conviction, to a fine of not more than ten thousand dollars (\$10,000.00) and not less than two thousand dollars (\$2,000.00) per day for every day or part thereof upon which such offence occurs or continues.

Section 7 - SHORT TITLE

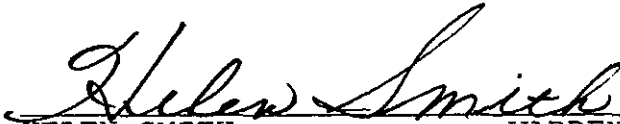
- 7.1 This by-law may be known and referred to as the "County Sewer Use By-law".

READ a first and second time this 8th day of July, 1987 and provisionally adopted.


HELEN SMITH WARDEN


J. HAROLD WALLS CLERK

READ a third time and finally passed in Open Council this 12th day of August, 1987.


HELEN SMITH WARDEN


J. HAROLD WALLS CLERK