

A BY-LAW OF THE VILLAGE OF TEULON, to regulate the use of Public and Private sewers, the disposal of wastewater and the discharge of the wastes into the Teulon wastewater system.

WHEREAS the Village of Teulon has constructed and now maintains a Wastewater System consisting of Sewers and Sewage Treatment Facilities.

AND WHEREAS it is deemed just and proper to impose regulations covering the use of these facilities and regulating the acceptance of wastewater.

NOW THEREFORE THE COUNCIL OF THE VILLAGE OF TEULON IN COUNCIL DULY ASSEMBLED ENACTS AS FOLLOWS:

1. in this by-law:
 - a) "Approved": means approved by the Designated Officer.
 - b) "Biochemical Oxygen Demand" (BOD₅) means the quantity of oxygen expressed in milligrams per litre, utilized in the biochemical oxidation of organic matter under standard laboratory conditions for five days at a temperature of 20 degrees Celsius. The laboratory determinations shall be made in accordance with procedures set forth in "Standard Methods".
 - c) "Body of Water" includes any brook, creek, stream, river, lake, pond, waterway, watercourse, canal or other flowing or standing water, whether natural or manmade.
 - d) "Coliform Count" means the number of all coliform bacteria and expressed in number of coliform bacteria per 100 millilitres of solution, as determined in accordance with "Standard Methods".
 - e) "Colour" means the appearance of the wastewater and includes not only colour due to substances in solution but also that due to suspended matter. Determination shall be in accordance with "Standard Methods" as defined under "apparent colour".
 - f) "Designated Officer" means the Superintendent of the Public Works Department of the Village, or such other person as may be authorized in writing by said Superintendant or the Council of the Village of Teulon to exercise some or all of the powers vested in him by this by-law.
 - g) "Gallon" means Imperial Gallon.
 - h) "Garbage" means solid wastes from the preparation of cooking and/or dispensing of food and/or from handling, storage and/or sale of produce, and/or from food processing.
 - i) "Grease" means fats, waxes, oils, and any other nonvolatile material determined in accordance with procedures contained in "Standard Methods".
 - j) "Land Drainage" means storm, surface, overflow, subsurface, or seepage waters or other drainage from land, or the exterior roof of a building, but does not include wastewater.

- k) "Matter" includes any gaseous, liquid or solid material.
- l) "Miligrams per litre" (mg/l) shall mean the ratio of weight of solid matter per unit volume of liquid matter.
- m) "Odour" means a quality factor affecting the acceptability of water, determined by qualitative descriptions and approximate quantitative measurements in accordance with "Standard Methods".
- n) "Owner" means the owner of the Real Property.
- o) "Person" means any person, firm, partnership or corporation, or any trustee, manager, or other person either individually or jointly with others, owning or occupying any building or place to which this by-law applies, and shall also include any agent, workman, servant, or employee of such person, firm, partnership or corporation.
- p) "pH" means the logarithm, to the base 10, of the reciprocal of the hydrogen ion concentration in moles per litre. pH shall be determined by one of the procedures outlined in "Standard Methods".
- q) "Phenols" are trace organic compounds which cause taste problems in drinking water, and are commonly produced by industrial applications. Determination shall be in accordance with "Standard Methods".
- r) "Properly Shredded Garbage" means the wastes from the preparation, cooking, or dispensing of food, and/or food processing that has been shredded to such degree that all particles will be carried freely under the flow conditions normally prevailing in sewers, with no particle greater than one-quarter inch in any dimension.
- s) "Sewage" means human body, toilet, liquid, water borne culinary, sink or laundry waste; and without limiting the generality of the foregoing includes domestic, commercial and industrial waste waters.
- t) "Standard Methods" where used in this by-law means the analytical and examination procedures set forth in the current edition of Standard Methods for the examination of water and wastewater as published jointly by the American Public Health Association, the American Water Works Association and the Water Pollution Control Federation. When "Standard Methods" does not contain an applicable test or analysis, or where more than one procedure is given in "Standard Methods", the method used shall be as required by the Designated Officer.
- u) "Sewer" means a pipe or conduit that carries wastewater or land drainage water, or both.
- v) "Suspended Solids" means solids that either float on the surface, or are in suspension in water or wastewater and which are removable by laboratory filtration devices as set forth in "Standard Methods".
- w) "Wastewater System" means collectively, all of the property involved in the operation of a sewer utility. It includes land, structures, equipment and processes required to collect, carry away and treat wastewater and dispose of the effluent.

GREASE, OIL AND SAND INTERCEPTORS

2. i) Grease interceptors shall be installed by the owner in all waste pipes from food processing plants, hotels, restaurants and institutional buildings where, in the opinion of the Designated Officer, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts.

ii) A gasoline, oil, grease and grit interceptor shall be provided by the owner on the waste outlet from all garages, motor vehicle wash floors, cleaning establishments and elsewhere as required by the Designated Officer.

iii) Any interceptors installed pursuant to paragraphs 2(i) and 2(ii) must be in accordance with the following specifications:

a) An interceptor shall be so designed that it will not become airbound and be so located as to be readily accessible for cleaning.

b) A grease or oil interceptor shall be of sufficient capacity to intercept all grease or oil likely to flow into it under normal conditions.

c) The interceptor for motor vehicle wash floors shall have a capacity sufficient to retain the sand or grit reaching the interceptor during any ten-hour period, but in no case shall it be less than four feet long, two feet six inches wide and two feet deep, measured from the floor of the interceptor to the invert of the overflow.

d) Every grease and oil interceptor shall be constructed of impervious materials capable of withstanding abrupt and extreme changes in temperature, and shall be of substantial construction, water-tight and equipped with easily removable covers which when bolted in place shall be gas-tight and water-tight.

e) Where installed, all grease, oil and sand interceptors shall be maintained by the owner, at his expense, in continuously efficient operation at all time.

CONTROL OF DISCHARGE INTO SEWERS

3. No person shall discharge or cause to be discharged, any of the following described kinds of wastewater into any wastewater sewer within or entering the Village.

a) Any liquid or vapor having a temperature greater than 65 degrees Celsius.

b) Any wastewater such that unusual attention or expenses are required to handle such matter by the Village wastewater system, and without limiting the generality of the foregoing:

i) Wastewater containing more than 100 milligrams per litre of grease.

ii) Wastewater containing more than a total of 15 milligrams per litre of hydrocarbons of petroleum origin.

c) Any gasoline, benzene, naphtha, fuel oil, or other solvent or other flammable or explosive liquids, solids or gases.

d) Any garbage other than "properly shredded garbage" from a garbage disposal unit.

e) Any matter which may cause obstruction of flow or interference in the operation of the Village Wastewater System and without limiting the generality of the foregoing no ashes, cinders, sand, stone, dust, mud, straw, shavings, metal, glass, rugs, feathers, tar, plastics, wood, or other solid or viscous substance shall be deposited into the Village Wastewater System.

f) Wastewater of which the BOD₅ exceeds 500 milligrams per litre.

g) Wastewater in which suspended solids exceed 500 milligrams per litre.

h) Any wastewater having pH lower than 5.5 or greater than 9.5, or which due to its nature or content, becomes less than 5.5 or greater than 9.5 during transmission to a wastewater treatment plant, or having any other corrosive, damaging, or hazardous characteristics with respect to the wastewater system and Sewer Processes and/or personnel.

i) Any wastewater containing toxic or poisonous substances, or a waste which, combined with another waste, may cause toxic or poisonous substances to be liberated.

j) Any noxious or malodorous substance capable of creating a public nuisance, and without limiting the generality of the foregoing, wastewater containing any level of hydrogen sulphide, carbon disulphide, ammonia, chlorine, bromine, or pyridine.

k) Any wastewater containing a radioactive substance.

l) Any Storm run-off, wastewater derived from the drainage of lands or roofs or water used for cooling purposes.

m) Wastewater containing any of the following matter in excess of the indicated concentration:

Phenols	0.10 milligrams per litre
Total cyanides, expressed as HCN	1.0 milligrams per litre
Total sulphides, expressed as H ₂ S	2.0 milligrams per litre
Total Copper, expressed as Cu	1.0 milligrams per litre
Total Chromium, expressed as Cr	1.0 milligrams per litre
Total Nickel, expressed as Ni	1.0 milligrams per litre
Total lead, expressed as Pb	1.0 milligrams per litre
Total zinc, expressed as Zn	1.0 milligrams per litre
Total cadmium, expressed as Cd	1.0 milligrams per litre
Chlorides, expressed as Cl	1500 milligrams per litre
Sulphates, expressed as SO ₄	1500 milligrams per litre
Total phosphates, expressed as P	60 milligrams per litre
Total nitrates, expressed as NO ₃	60 milligrams per litre

MONITORING EFFLUENT

4. a) The Village of Teulon is empowered to appoint such party as it may choose to deal with this by-law as a whole, and they are not restricted to having the Designated Officer be the only enforcement officer of this by-law, they may have more than one party enforcing same.

b) Where necessary in the opinion of the Council of the Village of Teulon or the Designated Officer, the Council may appoint such person as it may choose to make such tests, or install approved monitoring equipment, to determine the character or characteristics of the wastewater discharged by any person. All costs of conducting such tests and installation of test and monitoring equipment shall be born by the owner or person, or both, of the land from which such wastewater is emanating.

c) The Designated Officer or any persons so authorized by him or so authorized by the Council of The Village of Teulon, has the authority to enter upon any premises within the Village for the purposes of carrying out and/or enforcing this by-law, and without limiting the generality of the foregoing, for the purposes of establishing monitoring equipment on such premises and taking readings from such monitoring equipment.

5. All measurements, test and analysis and the character of wastewater to which reference is made in this by-law, shall be determined in accordance with "Standard Methods" and shall be determined on samples taken.

CONNECTIONS TO THE WASTEWATER SYSTEM

6. No unauthorized person shall uncover, make any connections with or openings into, use, alter or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Designated Officer.

7. All costs and expenses incurred in the installation and connection of a property to the wastewater system of the Village shall be born by the owner of such property and the costs of such connection shall be established by the Village by resolution as may be amended from time to time.

8. All connections to the wastewater system of the Village must first be approved by the Designated Officer and such Designated Officer shall have the sole discretion to determine the material to be used and where sewer lines shall be located and how same shall be connected to the Village Wastewater System whether such sewage lines are being laid on private or public property. All such connections must, in the very minimum, be in compliance with all Provincial Safety and Health standards as determined by the Province of Manitoba.

9. Any party installing sewer lines or connections to the Village Wastewater System must leave such lines uncovered until such time as the Designated Officer has an opportunity to inspect and approve such installation.

10. All excavations for sewer installations shall be adequately guarded with baracades and lights so as to protect the public from hazard. Street, sidewalks, parkways or other public property disturbed in the course of these sewer installations shall be restored in a manner that is satisfactory to the Village.

MANDATORY CONNECTION TO WASTEWATER SYSTEM

11. a) All buildings which are located upon land fronting or abutting the sewer main and with plumbing, must connect to the Village wastewater system by November 1, 1988.

b) With expansion of the wastewater system, all buildings which are located upon land fronting or abutting the sewer main and with plumbing must connect to the Village wastewater system within a period of 12 months from the date upon which the wastewater system is made available for connection thereto.

c) The Village shall install sewer connections from the main line to the adjoining property line in such situations as the Village in their sole discretion deems necessary. All costs incurred by the Village in doing such installations shall be the responsibility of the land owner to whom the connection is made.

12. All buildings or structures with plumbing, which are constructed on lands fronting or abutting the Village wastewater system shall be connected to the collection system immediately.

13. Should any property owner fail to connect to the Wastewater System in accordance with the terms of this by-law, then the Village may have such connections installed and any costs incurred therein shall be levied against the owner and collected in the same manner as ordinary taxes upon the land.

PRIVATE WASTEWATER SYSTEMS

14. In areas of the Village where a public wastewater system is not available, the land owner may install a private sewage disposal system which must comply with Manitoba Regulation 85/81 and amendments thereof; and without limiting the generality of the foregoing register and obtain the necessary authorization from the Environment Officer pursuant to this Regulation from the Environment Officer.

15. DEPOSITING WASTES IN OTHER THAN PRIVATE OR PUBLIC WASTEWATER SYSTEMS

a) No person shall deposit any sewage anywhere within the limits of the Village of Teulon except into a private or public Wastewater System.

b) All vehicles which are designed for the purposes of carrying sewage and/or wastewater shall be designed such that no sewage or wastewater shall at any time leak out or be deposited upon any roadway, or lands, whether private or public, and such sewage must be deposited into the sewage lagoon of the Village or such other facility approved by the Designated Officer.

16. PENALTIES

In addition to any other penalties set forth in this by-law or penalties established by Provincial Statute, any person who contravenes or refuses, neglects, omits, or fails to obey or observe, any provision of this by-law:

a) Is guilty of an offence, and is liable on summary conviction, to a fine not exceeding \$500.00, or to imprisonment for a term not exceeding one month, or to both such fine and imprisonment. Where the contravention, refusal, neglect, omission or failure continues for more than one day, the person is guilty of a separate offence for each day that it continues, and/or;

b) Is liable to pay to the Village, any and all costs including costs of Municipal Employees, incurred by the Village in remedying any situation which occurs by virtue of the contravention, refusal, neglect, omission or failure to obey the provisions of this by-law.

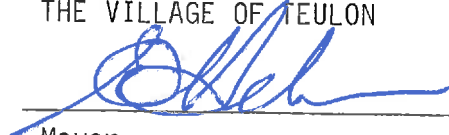
17. Upon the passage of this by-law, then by-laws number of the Village of Teulon are hereby repealed.

12/79 + 11/82

PASSED AND ADOPTED BY THE COUNCIL OF THE VILLAGE OF TEULON, on the 8th day of September ,A.D. 1987.


THE VILLAGE OF TEULON

Per:



Mayor

Per:



Administrator

Passed 1st reading August 18, 1987.
Passed 2nd reading September 8, 1987.
Passed 3rd reading September 8, 1987.