

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

A BYLAW OF THE TOWN OF MILLET IN THE PROVINCE OF ALBERTA FOR THE PURPOSE OF THE USE OF PUBLIC AND PRIVATE SEWERS AND DRAINS AND THE DISPOSAL OF WATERS AND WASTE INTO THE TOWN OF MILLET SEWER SYSTEMS.

WHEREAS, the Town of Millet has constructed and maintains a sewage system consisting of storm and sanitary sewers;

AND WHEREAS; pursuant to the provisions of Section 198 of the Municipal Government Act 2000, Chapter M-26 with amendments thereto provide the authority to the Town to regulate and control the operations of such systems;

NOW THEREFORE, the Council of The Town of Millet, duly assembled, enacts as follows:

This Bylaw may be cited as the "Town of Millet Sewer Systems Bylaw".

PART 1 - Definitions

1.01 Unless the context specifically indicates otherwise, the meaning of terms used in this Bylaw shall be as follows:

- a) "B.O.D." (Denoting "Biochemical Oxygen Demand") shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five days at 20 degrees Celsius expressed in milligrams per liter.
- b) "BUILDING DRAIN" shall mean that part of the lowest horizontal piping of a drainage system that is inside a building and to within one (1) metre of the outer face of the wall of the building that receives the discharge from a soil-pipe, waste pipe or other drainage pipe and conveys it to the building sewer.
- c) "BUILDING SEWER" shall mean that part of a drainage system that is outside a building commencing at a point one (1) metre from the outer face of the wall of the building that receives the discharge from a soil-pipe, waste pipe or other drainage pipe and conveys it to the designated place of disposal.
- d) "TOWN" shall mean the Town of Millet.
- e) "COMBINED SEWER" shall mean a building sewer receiving both surface water run-off and sanitary sewage.
- f) "ENGINEER" shall mean the Town Designated Engineer.
- g) "GARBAGE" shall mean solid wastes from the preparation, cooking, and dispensing of food, and from the handling, storage and sale of produce.
- h) "INDUSTRIAL WASTES" shall mean liquid wastes from Industrial processes.
- i) "MANAGER" shall mean the Town's Chief Administrative Officer (CAO).
- j) "NATURAL OUTLET" shall mean any outlet into a water course, pond, ditch or lake, or other body of surface or ground water.

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

- k) "OWNER" shall mean the registered owner of a property or the purchaser thereof who is entitled to occupy and enjoy the property.
- l) "PERSON" shall mean any individual, firm, company, association, society, corporation or group.
- m) "pH" shall mean the logarithm of the reciprocal of the hydrogen ion concentration in moles per litre and denotes alkalinity or acidity.
- n) "PROPERLY SHREDDED GARBAGE" shall mean the waste from the preparation, cooking or dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particles greater than Fifteen (15) millimetres in any dimension.
- o) "PROPERTY" shall mean the land and all buildings and appurtenances situated on a designated parcel of land.
- p) "PLUMBING and DRAINAGE" – shall mean as prescribed in the Plumbing Codes and Standards - Safety Codes Act.
- q) "SANITARY SEWER" shall mean a sewer which carries sanitary sewage and to which storm, surface and ground waters are not intentionally admitted.
- r) "SEWAGE" shall mean a combination of the water carrying wastes from residences, business buildings, institutions and industrial establishments; together with such ground, surface and storm waters as may be present.
- s) "SEWAGE TREATMENT PLANT" shall mean any arrangement of devices and structures used for treating sewage.
- t) "SEWAGE WORKS" shall mean all facilities for collecting, pumping, treating and disposing of sewage.
- u) "SEWER" shall mean a pipe or conduit for carrying sewage.
- v) "STORM SEWER OR DRAIN" - shall mean a sewer which carries ground, surface and storm waters and drainage, but excluding sanitary sewage and polluted industrial wastes.
- w) "SUSPENDED SOLIDS" shall mean solids that either float on the surface of, or are present in, water, sewage or other liquids and which are measureable in milligrams per liter and removable by laboratory filtering.
- x) "WATER COURSE" shall mean a channel in which a flow of water occurs, either continuously, or intermittently.

PART II - USE OF PUBLIC SEWERS REQUIRED

- 2.01 No person shall place or deposit, or permit to be deposited, in any manner that is unsanitary, any human or animal excrement, garbage or other objectionable waste upon public and private property within the Town of Millet or any area under the jurisdiction of the Town.

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

- 2.02 No person shall discharge to any natural outlet within the Town, or any area under the jurisdiction of the Town, any sanitary sewage, industrial waste or other polluted waters except where suitable pre-treatment has been approved in accordance with subsequent provisions to this Bylaw.
- 2.03 The Owner of every building, erection or structure used for human occupancy, employment, recreation or other purpose, situated within the Town and abutting on any street, lane, right-of-way or public place in which there is now or hereafter located a public sanitary sewer of the Town shall, at his own expense, install suitable toilet facilities with the proper sewer in accordance with the provisions of the Provincial Plumbing Regulations.
- 2.04 No person shall, except as permitted by this Bylaw, the Provincial Plumbing Regulations or the regulations of the local health authorities, construct or maintain any private septic tank, cesspool or other facility intended or used for the disposal of sewage.

PART III - PRIVATE SEWAGE DISPOSAL

- 3.01 Where a public sanitary sewer or combined sewer is not available, the Owner of a building as described in Section 203, shall connect the building sewer to a private sewage disposal system, which system shall comply with the provisions of this Bylaw, Alberta Plumbing Codes and Standards and the regulations of the local health authorities.
- 3.02 The Owner of a building as described in Section 203 shall, at no expense to the Town, operate and maintain the private sewage disposal facilities in a sanitary condition at all times.
- 3.03 Nothing contained in this Bylaw shall be construed to interfere with any additional requirements that may be imposed by the Alberta Health Services.

PART IV - BUILDING SEWERS AND CONNECTIONS

- 4.01 No person shall uncover, make any connections with or opening into or alter or disturb any public sewer or appurtenances thereof, unless he has been authorized in writing to do so by the Town of Millet.
- 4.02 All building sewers from the sewer main of the property line shall be constructed to Town design standards by the Owner's forces where special written permission has been given by the Town. In all cases the Town shall be supplied with the size, type, location and elevation of all sewer services. Such building sewers shall be constructed at the Owner's expense.
- 4.03 No person shall connect his own sewer lines to any sanitary combined, or storm sewer without first having been authorized in writing to do so by the Town. All connections must be inspected and approved by the Town, as per Design Standards Policy #51.
- 4.04 No building sewer on private property shall be constructed unless it conforms to the requirements of this Bylaw and the Provincial Plumbing Regulations. Such building sewer shall be constructed by the Owner's forces and at his expense.

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

- 4.05 Permits for building sewers on private property shall be obtained from the Town. Such permit applications shall be supplemented by the plans, specifications or other information considered pertinent by the Town.
- 4.06 In the event that any sewer connection is abandoned, the Owner, at his expense, shall effectively cap the connection at a suitable location within his property in order to prevent sewage backing up into the soil and to guard against soil or dirt being washed into the sewer. The capping must be inspected and approved by the Town.

PART V - USE OF PUBLIC SEWERS

- 5.01 No person shall discharge or cause to be discharged any storm water, surface water, roof run-off, foundation drainage sub-surface drainage, cooling water or unpolluted industrial water to any sanitary sewer, provided that the Town may on application authorize such discharge where exceptional conditions prevent compliance with the foregoing provisions.
- 5.02 Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers.
- 5.03 Except as hereinafter provided, no person shall discharge or cause to permit to be discharged any of the following described waters or wastes to any public sewer:
- Any liquid or vapor having a temperature higher than 75 degrees Celsius
 - Any water or waste containing fat, oil or grease of such character or quantity that unusual attention or expense is required to handle such materials by the Town collection system or the Town sewage treatment plant, but the weight of oils and grease shall in no case exceed the limit set out in Section 5.06 of this Bylaw.
 - Any gasoline, benzene, naphtha, fuel oil or other flammable or explosive liquid solvent or gas.
 - Any garbage that has not been properly shredded.
 - Any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood or other solid or viscous substance capable of causing obstruction to the flow of sewers or other interference with the proper operation of the sewage works.
 - Any of the following:
 - any paunch manure or intestinal contents from horses, cattle, sheep or swine;
 - pigs' hooves or toenails;
 - animal intestines or stomach casings;
 - bones;
 - hog bristles;
 - hides or parts thereof;

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

- animal fat or flesh in particles larger than will pass through a six (6) milligram screen;
 - horse, cattle, sheep or swine manure;
 - poultry entrails, heads, feet, feathers or eggshells;
 - fleshings and hair resulting from tanning operations;
 - milk processing plants;
 - or any material that would interfere with treatment.
- Any waters or wastes having a pH lower than 5.5 or above 12.0, or having any other corrosive properties or characteristics capable of causing damage or hazard to structures, equipment, biological sewage treatment processes, and personnel working at the sewage works.
 - Any waters or wastes that a) contain a toxic or poisonous substance in sufficient quantity to injure or interfere with any sewage treatment process, b) constitute a hazard to humans or animals, or c) create any hazard in the receiving waters of the sewage treatment plant effluent.
 - Any waters or waste that contains suspended solids of such character and quantity that warrant any unusual attention or expense be required to handle such materials at the sewage treatment plant, but no such suspended solids shall contain more than three hundred (300) milligrams per litre as set out in Section 506 of this Bylaw.
 - Any noxious or malodorous gas or substance capable of creating a public nuisance.
 - Septic tank pumpage.

5.04 Grease, oil and sand interceptors shall be provided on private property for all garages, gasoline service stations, and vehicle and equipment washing establishments; interceptors will be required for other types of businesses when, in the opinion of the Town, they are deemed necessary for the proper handling of liquid waste containing grease in excessive amounts, or any flammable wastes, sand and other harmful ingredients, except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Town and shall be so located as to be readily and easily accessible for cleaning and inspection. Where installed, all grease, oil and sand interceptors shall be maintained by the Owner at his expense and in continuously efficient operation at all times.

5.05 In case any blockage, either wholly or in part, of the sewer systems is caused by reason of the failure, omission or neglect to comply strictly with the foregoing provisions, the owner, proprietor or occupier concerned therein shall, in addition to any penalty for infraction of the provisions hereof, be liable to the Town for all costs of clearing such blockage and for any other amount for which the Town may be required or liable to pay because of such blockage.

5.06 If a person discharges industrial waste or sewage to a sewer within the Town exceeding any of the following characteristics and limits;

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

- a) a five day B.O.D greater than three hundred (300) milligrams per litre, or,
- b) containing more than three hundred (300) milligrams per litre of suspended solids, or,
- c) containing any oil or grease,

then such person shall pay an additional charge computed as set out in Section 7.03 of this Bylaw.

5.07 No municipality or person shall discharge or cause to be discharged into any sewer within, or entering the Town sewers, commercial sewage, industrial or factory waste without obtaining approval to do so from the Town in the manner provided, but no such approval shall be given by the Town until:

- a) such municipality or person has made application in writing for permission to discharge industrial or factory waste or sewage into a sewer within, or entering, the Town system; and,
- b) such applicant shall have provided to the Town the chemical and physical analysis, quantity and rate of discharge or sewage proposed to be so discharged and any other detailed information that is required, including all pertinent information relating to any proposed or treatment before discharge;
- c) the application has been formally approved in writing by the Town, and,
- d) the Town, at its discretion, may require any municipality or person to comply with subsection (a) (b) and (c) of this section irrespective of the volume of waste contributed.

5.08 Where necessary, in the opinion of the Town, the person making application for approval from the Town to discharge any waste or sewage shall provide, at his expense, such preliminary treatment as may be necessary to change the characteristics of the waste or sewage to make it acceptable to the Town before any approval may be granted with the understanding that the Town shall not apply more stringent treatment requirements than those established by this Bylaw. Where preliminary treatment facilities are provided for any industrial waste or sewage, they shall be maintained continuously in satisfactory and effective operation by the applicant at his own expense.

5.09 When required by the Town, anyone serviced by a sewer connection shall install a suitable control manhole or chamber in the sewer connection to facilitate any maintenance, observance, sampling and measurement required. Such manhole shall be accessible, safely located and constructed in accordance with plans approved by the Town. The Owner shall be responsible for installing and maintaining the manhole at all times.

5.10 All measurements, tests and analysis of the characteristics of industrial waste, sewage or water to which reference is made in this Bylaw shall be determined in accordance with Alberta Environment, and shall be determined at the control manhole or chamber provided for in Section 5.09 of this Bylaw, or from suitable samples taken within the plant.

5.11 If, in the Town's opinion, there is evidence that oversized solids are entering the Town's sewer system from a sewer connection on a given property, the Town may require the installation, at the Owner's expense, of an approved screening structure between the connection and the Town sewer system. The above screen will have a minimum size of twenty (20) millimeter square opening and shall be removable, but locked in place with

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08

the key in the possession of the Town. It shall be the responsibility of the person contributing waste through that connection to maintain the screening structure and to remove any solids collected on the screen and dispose of such solids in an approved manner. The Town will not be responsible in any way for any disruption of service which may occur due to blockage of the screen by solids.

PART IV - PENALTIES

7.01 Any person in breach of any provisions of the Bylaw is guilty of an offence and is liable under summary conviction to a fine of not more than \$10,000.00 exclusive of costs and, in default of payment of the fine, to a period of imprisonment for any period not exceeding six (6) months.

7.02 Notwithstanding the conviction of an offence pursuant to Section 7.01 hereof, if the Owner of any building, erection or structure, which building, erection or structure under the provisions of this Bylaw is required to be equipped with suitable sewage pre-treatment facilities, fails, neglects or refuses to install such required facilities in accordance with the provisions of this Bylaw within a period of sixty (60) days after notice in writing was given to him personally or to some adult person at the building, erection or structure by a duly authorized agent of the Town, the Town may enter upon the land, building, erection or structure concerned and install the required sewage pre-treatment facilities and charge the cost thereof against the land, building, erection or structure concerned in the same manner as taxes and with the same priority as to a lien and to payment thereof as in the case of ordinary municipal taxes.

The authorized person giving such notice on behalf of the Town shall post a copy of the notice on the front door or some other conspicuous part of the building, erection or structure referred to in the notice. No person shall remove, deface or in any way interfere with the notice so posted.

7.03 This Bylaw shall come into full force and effect upon the date of third and final reading.

8.01 Bylaw 82/05 is hereby repealed.


EFFECTIVE DATE

AND FURTHER THAT this Bylaw shall take effect on the date of third and final reading.

READ a first time this 13th day of August, 2014.

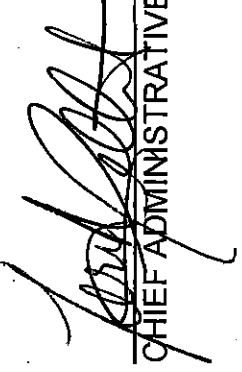
READ a second time this 10th day of September, 2014.

READ a third and final time this 10th day of September, 2014.


MAYOR

The Town of Millet Sewer Systems Bylaw

Bylaw 2014-08



CHIEF ADMINISTRATIVE OFFICER