

**UTILITY BYLAW NO. 2002/10/E  
OF THE TOWN OF DRAYTON VALLEY**

A utility bylaw of the Town of Drayton Valley in the Province of Alberta respecting waterworks and sewers in the Town of Drayton Valley.

WHEREAS under the Authority of the Municipal Government Act Statutes of Alberta, 1994 Chapter M-26-1 and amendments thereto, the Council has the power to enact a bylaw;

For the use and control of all public waterworks, water treatment systems, common sewers and any sewage disposal works connected therewith, collectively called a "Utility";

AND WHEREAS all waterworks, sanitary sewers, storm sewers, drains and sewage disposal works belonging to the Town now laid down or hereafter laid down shall be under the direct control of the Town;

This bylaw shall be known as the "Utility Bylaw";

NOW THEREFORE THE MUNICIPAL COUNCIL OF THE TOWN OF DRAYTON VALLEY, IN THE PROVINCE OF ALBERTA DULY ASSEMBLED, ENACTS AS FOLLOWS:

PURPOSE

The purpose of this bylaw is to regulate the use and control of all waterworks, storm sewers, drains, sanitary sewers and sewage disposal works belonging to the Town of Drayton Valley, and to levy applicable service charges as appropriate.

GENERAL

NUMBER AND GENDER REFERENCES

All references in this bylaw shall be read with such changes in number and gender as may be considered appropriate according to whether the reference is made to a male or female, or a corporation or partnership.

SECTION I  
DEFINITION

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

PART I

1.1.1 GENERAL

- a) "Town" means the Town of Drayton Valley.
- b) "Council" means the Municipal Council of the Town of Drayton Valley.
- c) "Town Manager" means the Town Manager of the Town of Drayton Valley.
- d) "Engineer" means the Town Engineer of the Town of Drayton Valley or his authorized representative.
- e) "Person" means any individual, firm, company, owner, occupier, lessee or tenant.
- f) "Authorized Person" means any representative duly appointed by the Town of Drayton Valley.
- g) "Owner" means registered owner of a property or the purchaser thereof who is entitled to occupy and enjoy the property.
- h) "Dwelling Unit" means a suite operated as a housekeeping unit, used or intended to be used by one or more persons and usually containing cooking, eating, living, sleeping and sanitary facilities.
- i) "Consumer" means any person who uses water and sewer services supplied by the Town of Drayton Valley.
- j) "Health Officer" means the Health Officer for Drayton Valley area as appointed by the Province of Alberta.
- k) "Treasurer" means the Treasurer of the Town of Drayton Valley.
- l) "A.S.T.M." means American Society of Testing and Materials.
- m) "W.P.C.F." means Water Pollution Central Federation.

- n) **“Property Line”** means the boundary of a piece of land described in a certificate of title by reference to a plan filed or registered in a land titles office.
- o) **“Suite”** means a set of connected rooms.

## PART II

### 1.2.1 Sewer Works

- a) **“B.O.D.”** means the Biological Oxygen Demand in milligrams per liter measured at 20 degrees Celsius over a five-day period. (Test conducted as per the latest edition of **Standard Methods for the Examination of Water and Wastewater** )
- b) **“Sanitary Building Drain”** means a building drain that may conduct sewage and clear-water waste but not storm water.
- c) **“Sanitary Building Sewer”** means a building sewer that may conduct sewage and clear-water waste but not storm water.
- d) **“Garbage”** means solid wastes from the domestic and commercial preparation, cooking and dispensing of food, and from handling, sale and storage of produce.
- e) **“Industrial Wastes”** means the water carried liquid wastes from industrial manufacturing processes, trade or business as distinct from sanitary sewage.
- f) **“Natural Outlet”** means any outlet into a watercourse, pond, ditch, lake or other body of surface or ground water.
- g) **“pH”** means the logarithm of the reciprocal of the hydrogen ion concentration in moles per liter denoting degree of acidity or alkalinity.
- h) **“Properly Shredded Garbage”** means the waste from the preparation, cooking and 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) millimeters in any dimension.
- i) **“Plumbing and Drainage Act”** means the current Provincial Plumbing Regulations and Drainage regulations.
- j) **“Sanitary Sewer”** means a sewer that may conduct sewage and clear-water waste but not storm water.
- k) **“Sewage”** means any liquid waste from a plumbing system.
- l) **“Sewage Treatment Plant”** means any arrangement of devices and structures used for treating sewage.
- m) **“Sewage Works”** means all facilities for collecting, pumping, treating and disposing of sewage.
- n) **“Sewer”** means a pipe or conduit for carrying sewage.
- o) **“Storm Sewer or Drain”** means a sewer which carries storm and surface waters, but excludes sewage and polluted industrial waste.
- p) **“Suspended Solids”** means solids that either float on the surface of , or are in suspension in water, sewage or other liquids and which are removable by laboratory filtering, and are measured in milligrams per liter.
- q) **“Water Course”** means a channel in which a flow of water occurs, either continuously or intermittently.
- r) **“Sewer Mains”** means those pipes installed by the Town in streets for the collection of sewage throughout the Town to which service pipes may be connected.
- s) **“Sewer Service”** means a building sewer which connects a plumbing system to a municipal sewer or to a common sewer.
- t) **“Combined Sewer”** means a sewer receiving both surface runoff ( storm water) and sewage.

## PART III

### 1.3.1 WATER WORKS

- a) **“Water Service Pipes”** means a pipe in a water system that conveys water from a public water main or a private water source to the main shutoff valve inside a building.
- b) **“Service Valve”** means the valve on a water service pipe close to the property line.
- c) **“Shut Off”** means an interruption in or discontinuation of the supply of water.
- d) **“Sprinklering”** means the distribution of water to the surface or subsurface of lawns, gardens or other areas situated outside buildings by pipes, hose, sprinkler any other method.
- e) **“Street or Streets”** shall include all highways, roads, lanes, alleys, avenues easements, thoroughfares, utility lots, drives, bridges and ways of public nature, sidewalks, boulevards, parks, public square and other public

places unless the contrary is expressed or unless such construction would be inconsistent with the context of this bylaw.

- f) **“Water Main”** means those pipes installed by the Town in streets for the conveyance of water throughout the Town to which service pipes may be connected.
- g) **“Water Works”** means all water treatment, supply and distribution facilities owned and operated by the Town and all accessories and appurtenances thereto.
- h) **“Fire Line”** means a pipe that is intended solely for the purpose of providing a supply of water for fire protection purposes.
- i) **“Meters”** means meters and all other equipment and instruments supplied and used by the Town or authorized by the Town to be used to calculate the amount of water consumed on the premises upon which meters are situated.

## SECTION II SEWER WORKS PART I

- 2.1.1 No person shall discharge to any natural outlet within the Town or any area within the jurisdiction of the Town any sanitary sewage, industrial waste or other polluted water except where suitable pre-treatment has been approved in accordance with subsequent provisions to this bylaw.
- 2.1.2 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 herein after located, a public sanitary sewer of the Town, shall at his own expense, install suitable toilet facilities therein and shall connect such facilities with the proper sewer in accordance with the provisions of the Provincial Plumbing Regulations, Provincial Plumbing and Drainage Act.
- 2.1.3 No person shall, except as permitted by this bylaw or the Provincial Plumbing Regulations, Provincial Plumbing and Drainage Act or the regulations of the Provincial Board of Health, construct or maintain any privy septic tank, cesspool or other facility intended or used for the disposal of sewage.
- 2.1.4 No person shall release or allow the release of any matter containing a hazardous waste into a sanitary sewer
- 2.1.5 No person shall release or permit the release of prohibited wastes, as defined in Schedule “A” attached hereto, to the Town sewage system

## PART II PRIVATE SEWAGE DISPOSAL

- 2.2.1 Where a public sanitary sewer is not available, the owner of a building as described in Section 2.1.2, shall connect the building sewer to a private sewage disposal system. Which system shall comply with the provisions of this bylaw, the Provincial Plumbing Regulations and the regulations of the Provincial Board of Health.
- 2.2.2 At such time as a public sewer becomes available to a property served by a private sewage disposal system the provisions of Section 2.1.2 shall then apply to the property and a direct connection, at the owner’s expense shall be made to the public sewer and any septic tanks, cesspools or similar private sewage disposal facilities shall be removed and filled with suitable material.
- 2.2.3 The owner shall, at no expense to the Town, operate and maintain the private sewage disposal facilities in a sanitary condition at all times.
- 2.2.4 Nothing contained in this bylaw shall be construed to interfere with any additional requirements that may be imposed by the Health Officer.

## PART III BUILDING SEWERS AND CONNECTIONS

- 2.3.1 No person shall uncover, make connections with or opening into, use, alter or disturb any public sewer or appurtenances thereof, unless he has been authorized in writing to do so by the engineer.

- 2.3.2 All building sewer from the sewer main to the property line shall be constructed to Town standards by the owner's forces or his contractor. In all cases the Town shall be supplied size, type, location and elevation of all sewer services for approval prior to construction.
- 2.3.3 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 Engineer. All connections must be inspected and approved by the Engineer or his designate.
- 2.3.4 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 at the owner's expense.
- 2.3.5 Permits for building sewers on private property shall be obtained from the Town and applications for such permits shall be made on approved forms furnished by the Engineer. Such permit applications shall be supplemented by any additional plans, specifications or any other information considered pertinent by the Engineer.
- 2.3.6 The Town shall, at the Town's expense, maintain the building sewer from the main to the property line.
- 2.3.7 The owner shall, at his own expense, maintain the building sewer from his property line to the building. The owner shall, also, be responsible for any blockages in the building sewer from the building to the sewer main in the street which may be directly attributed to the quality of sewage discharged from the owner's property.
- 2.3.8 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 Engineer or his designate.
- 2.3.9 A separate and independent sewer shall be provided for every building; except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway. The building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.
- 2.3.10 Old building sewers may be used in connection with new buildings only when they are found, upon examination and testing by the Engineer, to meet all requirements of this bylaw.
- 2.3.11 The size, slope, alignment, materials of construction of a building sewer and the methods to be used in excavating, placing of the pipe, jointing, testing and backfilling the trench shall all conform to the requirements of the plumbing and building codes or other applicable rules and regulations of the Town. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the American Society of Testing and Materials (A.S.T.M.) and the Water Pollution Control Federation (W.P.C.F.), Manual Practice No. 9 shall apply.
- 2.3.12 Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means, at the owner's expense, and discharged to the building sewer.
- 2.3.13 No person shall make connection of roof downspouts, or other sources of surface runoff or ground water to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer, except as provide under Section 2.4.1 of this bylaw. Weeping tile sump and pump systems shall not be connected to the sanitary sewer.
- 2.3.14 The connection of the building sewer into the public sewer shall conform to the requirements of the building and plumbing codes or other applicable rules and regulations of the Town, or the procedures set forth in appropriate specifications of the A.S.T.M. and the W.P.C.F. Manual of Practice No. 9. All such connections shall be made gas tight and watertight. Any deviation from the prescribed procedures and materials must be approved, by the Engineer, before installation.
- 2.3.15 The applicant for the building sewer permit shall notify the Engineer when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the Engineer or his designate.
- 2.3.16 All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and any other public property disturbed in the course of the work shall be restored to a condition at least equivalent to that which existed before the work began.
- 2.3.17 Additions and expansions to the public sewer system must be Approved and properly documented by Alberta Environmental Protection before construction of the proposed expansion is commenced

- 2.3.18 The Town of Drayton Valley, by issuing a permit shall not be liable in any way for failure of the permitted facilities.
- 2.3.19 Where an owner's private sewer passes through a disturbed ground area, the owner shall make adequate provision to prevent pipe breakage or joint separation or any other damage due to settlement.
- 2.3.20 Where an owner's private sewer passes through an excavation or backfill or through a basement wall or through a retaining wall adjacent to the property line, the Town shall not be held responsible for any damage due to the displacement or settlement unless shown to be directly due to negligence of the Town.
- 2.3.21 A private sewer may not be extended from one separately titled property to another separately titled property.

#### PART IV

#### USE OF PUBLIC SEWERS

- 2.4.1 No person shall discharge or cause to be discharged any storm water, surface water, roof runoff, cooling water or unpolluted industrial wastewater to any sanitary sewer, provided that the Engineer may authorize such discharge where exceptional conditions prevent compliance with the foregoing provisions.
- 2.4.2 Storm water and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers.
- 2.4.3 Restricted wastes that may not be discharged to the Town sewer system are as listed in attached Schedule B
- 2.4.4 Grease, oil and sand separators shall be provided, at the owner's expense, on private property for all garages, gasoline service stations and vehicle and equipment washing establishments
- 2.4.5 Grease and oil interceptors shall be installed by the owner of any premises in which there is a commercial or institutional food preparation, at the expense of the owner.
- 2.4.6 Interceptors will be required for other types of businesses when in the opinion of the Engineer they are necessary for the proper handling of liquid 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 as per current Plumbing and Drainage Act and shall be located as to be readily and easily accessible for cleaning and inspection.
- 2.4.7 Where installed, all grease, oil and sand interceptors shall be maintained by the owner at his expense, in continuously efficient operating condition at all times.
- 2.4.8 In case any blockage, either wholly or in part of said sewage system is caused by reason of failure, omission or neglect to comply strictly with the provisions of this bylaw, 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 liable because of the blockage.
- 2.4.9 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 following manner:
  - 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 given the chemical and physical analysis, quantity and rate of discharge of sewage proposed to be so discharged and any other detailed information that is required, including all pertinent information relating to any proposed pretreatment before discharge;
  - c) the application has been formally approved in writing by the Town
- 2.4.10 Where necessary, in the opinion of the Town, the person making application for permission shall provide, at his expense, such preliminary treatment as may be necessary to change the characteristics of the industrial waste or sewage to make it acceptable to the Town before permission may be granted; it being understood 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 continuously maintained in satisfactory and effective operation by the applicant at his own expense.

- 2.4.11 When required by the Engineer, any person serviced by a sewer connection shall install a suitable control manhole chamber in the sewer connection to facilitate any maintenance, observance, sampling and measurement required. Such manhole shall be accessible and safely located and shall be constructed in accordance with plans approved by the Engineer. The manhole shall be installed by the owner at his own expense and shall be maintained by him at all times.
- 2.4.12 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 the most recent revised edition of the "Standard Methods for the Examination of Water and Wastewater" of the American Public Health Association, and shall be determined at the control manhole or chamber provided for in Section 2.4.11 of this bylaw.
- 2.4.13 If, in the Town's opinion, there is evidence that oversize solids are entering the Town sewer system from any sewer connection, then 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 openings and shall be removable, but locked in place with the key in the possession of the Town. It shall be the responsibility of the person contributing waste through that connection to maintain the structure and to remove any solids collected on the screen and dispose of these solids acceptable to the Engineer, in accordance with current environmental regulations that may apply. 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 V

#### HAULED WASTEWATER

##### Non-Domestic Wastewater

- 2.5.1 No person shall:
- a) haul storm water, clear-water waste or wastewater to or from premises within the Town, except for those authorized to do so by way of agreement with the Town engineer for such.
  - b) Haul storm water, clear-water waste or wastewater to a designated hauled wastewater discharge location specified by the Town engineer without manifest completely filled out and signed by:
    - i) the generator of the hauled matter, certifying compliance with (g); or
    - ii) a Letter of Authorization from the domestic wastewater generator containing the generator's signature; and
    - iii) the operator of the vehicle;
  - c) release or permit the release of hauled wastewater at locations other than those designated by the Town Engineer;
  - d) access a wastewater transfer station without appropriate permission being granted;
  - e) access a wastewater transfer station without obtaining the required permits for transport;
  - f) release hauled wastewater at a wastewater transfer station other than through a discharge hose placed securely in a discharge portal;
  - g) release or permit the release of hauled wastewater that contains any of the following :
    - i) grit or skimmings from interceptors, catch basins, pretreatment facilities or private wastewater disposal systems;
    - ii) sludge from interceptors, catch basins, pretreatment facilities or private wastewater disposal systems;
    - iii) matter containing a hazardous waste; or
    - iv) matter not permitted under Schedule "B" as attached
  - h) haul wastewater from multiple generators in a single load without;
    - i) an individual manifest completely filled out and signed by each generator of the hauled wastewater; and

- ii) an entry on a multiple generator manifest completely filled out and signed by each generator of the hauled wastewater; and
- iii) the signature of the operator of the vehicle.

2.5.2 Hauled wastewater from a domestic source that:

- a) has a suspended solids concentration greater than 5000 mg/l;
  - b) contains no Prohibited Wastes listed in Schedule "A" ;
  - c) contains no Restricted Wastes listed in Parts 1(b), 1(c), and 2, of Schedule "B";
  - d) does not contain commercial or industrial wastewater, and
  - e) contains no hazardous wastes;
- will be exempt from 2.5.1 and from limits set out in Schedule "B", Part 1(a).

2.5.3 No person shall dilute hauled wastewater so as to avoid the requirements of this Bylaw.

2.5.4 Where the release of hauled wastewater has been prohibited or stopped the Town will:

- a) retain the manifest and issue a Notice of Rejection to the Carrier; and
- b) inform and provide a copy of the Notice of Rejection to the generator of the hauled matter.

## PART VI

### SEWER SERVICE CHARGES AND RATES

2.6.1 (a) Every owner or occupant of property within the limits of the Town, whose property is serviced directly or indirectly by the connection with the sewage system of the Town, shall pay to the Town the sewer service charges as established by the Council, in the water and sewer rate bylaw passed and/or amended from time to time.

2.6.1 (b) Every owner or occupant of property outside the limits of the Town, whose property is serviced directly or indirectly by the connection with the sewage system of the Town, shall pay to the Town the sewer service charges as established in an agreement between the Town and Brazeau County Council, and/or amended from time to time.

## PART VII

### STORM WATER SYSTEM

- 2.7.1 No person shall wade, swim, boat, canoe, surf, sail or conduct other recreational activities which may result in contact with water contained in the storm water management facilities of the Town.
- 2.7.2 Employees or agents of the Town engaged in water quality monitoring or facility operation and maintenance shall be considered exempt from subsection 2.7.1.
- 2.7.3 No person shall skate or carry out other winter recreational activity on storm water management facilities except at locations designated by the Town.
- 2.7.4 No person shall remove water from a storm water management facility without permission from the Town.
- 2.7.5 The Town shall not be held liable for any damages, caused to persons or property by a person contravening subsections 2.7.1, 2.7.3 or 2.7.4.
- 2.7.6 No person shall dump prohibited liquids or substances in storm drains, catch basins or manholes as listed in the attached Schedules "A" & "B".

## SECTION III

### WATER WORKS

#### PART I

#### ADMINISTRATION

- 3.1.1 The water works of the Town of Drayton Valley, comprising of feed mains, intermediate mains, service pipes, fire hydrants, valves, meters, services and all other appurtenances, together with the sale of water shall be under the management and control of the Engineer, subject to the authority of the Town Manager.

- 3.1.2 The Engineer shall exercise the powers and perform the duties with respect to the water works conferred and placed upon him by this and any other bylaw of the Town applicable thereto and any order or direction of the Town Manger or Council with respect thereof.
- 3.1.3 The Engineer has authority to shut off water for any consumer or consumers for any reason which, in the opinion of the Engineer, necessitates such shutting off, provided that the Engineer shall, if in his opinion it is practical to do so, give notice of such shutting off.
- 3.1.4 The Town does not guarantee the pressure nor the continuous supply of water. The Town reserves the right at any and all times without notice, to change the operating water pressure and to shut off water. Neither the Town, its officers, employees or agents shall be liable for the changes in water pressure, the shutting off of water nor the water containing sediments, deposits or other foreign matter.
- 3.1.5 Consumers depending upon a continuous and uninterrupted supply or pressure of water or having processes or equipment that require particularly clear or pure water shall provide such facilities as they consider necessary to ensure a continuous and uninterrupted supply, pressure or quality of water required for their use.
- 3.1.6 The Town may, as a condition to the supplying of water, inspect the premises of a consumer who applies to the Town for such supply in order to determine if it is advisable to supply water to such consumer.
- 3.1.7 The Town may, with the permission of the consumer, inspect the premises of the consumer in order to execute any tests on water piping or fixture belonging to such consumer so as to determine if this bylaw is complied with and in the event that such consumer fails or refuses to give such permission, the supply of water to that consumer may be shut off.
- 3.1.8 The Town Manager may at such times and for such length of time as considered necessary or advisable, regulate, restrict or prohibit sprinklering.
- 3.1.9 In exercising the authority conferred by Subsection 3.1.8 of this section, the Town Manager:
- (1) shall cause to be published in a newspaper circulated in the Town a public notice giving reasonable detail of the regulation, restriction or prohibition of sprinklering being imposed which may be limited as to times specified or which may be unlimited as to time in which latter case, a similar public notice be given of the cessation of such regulation, restriction or prohibition.
  - (2) May regulate, restrict or prohibit sprinklering in all or any part or parts of the Town and in doing so the Town Manager may provide different times during which different consumers may sprinkle whether by reference to compass direction related to streets, odd and even street addresses or such other manner as the Town Manager considers appropriate.
- 3.1.10 The Town Manager may cause the water supply to any consumer who causes, permits or allows sprinklering in contravention of any such regulation, restriction or prohibition to be shut off until such consumer undertakes to abide by and comply with such regulation, restriction or prohibition.

#### WATER SERVICE DISCLAIMER

The Town of Drayton Valley shall not be liable for damages:

- a) caused by the break of any water main, service, meter, private service, attachment or device;
- b) caused by the interference or cessation of water supply necessary in connection with the repair or proper maintenance of the water works system; or
- a) generally for any accident due to the operation of the water works system,

unless such costs or damages have been shown to be directly due to the willful act of the Town or employees of the Town. All limitations, protections and exclusions of liability contained in any provincial or federal legislation shall be applicable to and shall benefit the Town in respect of any action brought or contemplated in respect of the provision of water services.

PART II  
GENERAL

3.2.1 RESTRICTED USE OF TOWN FACILITIES

No consumer shall operate, use, interfere with, obstruct or impede access to the water works or any portion thereof in any manner not expressly permitted by this bylaw, in default of which, the Engineer may cause the water being supplied to such consumer to be shut off until such consumer complies with the provisions of this bylaw

3.2.2 WASTAGE

- (1) No consumer shall cause, permit or allow the discharge of water so that it runs to waste, whether by reason of leakage from underground piping, a faulty plumbing system or otherwise.
- (2) The Engineer may cause the water supply to any consumer who violates Subsection (1) of this section to be shut off until such times as such consumer establishes, to the satisfaction of the Engineer, that he has taken such steps as may be necessary to ensure that any water supplied to him by the Town will not run to waste.
- (3) The Engineer shall, if he considers it practicable so to do, give notice to such consumer prior to causing the water supply to such consumer to be shut off.
- (4) Notwithstanding the foregoing, the Engineer may, under such condition as he may consider reasonable, allow a consumer to discharge water so that it runs to waste if such consumer's water service would otherwise be susceptible to freezing.

3.2.3 USE OF WATER

- (1) No consumer shall:
  - a) lend, sell or otherwise dispose of water unless specifically licensed to do so.
  - b) Give away or permit to be taken water supplied by the Town water works.
  - c) Use or apply any water to the use or benefit of others or to any other than his own use and benefit.
  - d) Increase the usage of water beyond that agreed upon with the Town by way of agreement
  - e) Knowingly waste water
  - f) Extract or remove any water from hydrants within the Town or outside the limits of the Town which are under the control of the Town, except authorized fire department personnel or where written permission has been given by the Town Engineer.

3.2.4 NOISE AND PRESSURE SURGES

No consumer shall cause, permit, or allow any apparatus, fitting or fixtures to be or remain connected to his water supply to be operated in such a manner as to cause noise, pressure surges or other disturbances which may, in the opinion of the Engineer, result in annoyance or damage to other consumers or the water utility. The Engineer may cause the water supply to any consumer contravening the provisions of this section to be shut off provided that the Engineer shall, if he considers it practicable to so do, give notice to such consumer prior to such water supply being shut off. The water supply to any such consumer shall not be restored until such time as that consumer has eliminated such noises, pressure surges or other disturbances to the satisfaction of the Engineer.

3.2.5 CONTAMINATION

No consumer shall cause, permit or allow to remain connected to his water supply system any piping, fixture, fitting, container or other apparatus which may cause water from a source other than the water utility or any other harmful or deleterious liquid or substance to enter the water utility. The Engineer may cause the water supply to any consumer contravening the provisions of this section to be shut off, provided that the Engineer shall, if he considers it practicable to do so, give notice to such consumer prior to such water supply being shut off. The water supply to such consumer shall not be restored until such consumer has made necessary repairs, to the satisfaction of the Engineer.

3.2.6 FIRE HYDRANTS AND VALVES

- a) No persons other than authorized employees of the Town shall open, close, operate or interfere with any valve, hydrant or fire plug to draw water therefrom. Contractors hired by the Town to perform maintenance services on the water works system, hydrants and other appurtenances shall, under the direction and supervision of an authorized Town representative, be permitted to operate hydrants and valves as required in the performance of such maintenance activities.

- b) The Fire Chief of the Town Fire Department, his assistants and officers, are authorized to use the hydrants or plugs for the purpose of extinguishing fires, or for making trial testing of hose pipe, or for fire protection, but all such uses shall be under the direction and supervision of the said Fire Chief or his duly authorized assistants, and in no event shall any inexperienced or incompetent persons be permitted to manipulate or control in any way any hydrant or plug.
- c) No person shall in any manner:
  - (i) obstruct the free access to any hydrant or hydrant valve.
  - (ii) Park or place or cause to be parked or placed, any vehicle, rubbish or any other material which could cause such obstruction of the street within five (5) meters of the hydrant in a direction parallel with the street, on which the hydrant is located.
- d) No person shall:
  - (i) plant or allow to be planted any trees, shrubbery or flowers within a radius of one (1) meter of a fire hydrant.
  - (ii) Erect or allow to be erected any fence or structure within a radius of one (1) meter of a fire hydrant
  - (iii) Place or allow to be placed any other matter within a radius of one (1) meter of a fire hydrant, without the expressed written consent of the Engineer and the Town Fire Chief.
- e) Any persons in contravention of Subsection d) of this section shall be notified in writing by the Town to correct the infraction. If after 30 days of notification the infraction has not been rectified to the Town's satisfaction steps shall be initiated by the Town to correct the infraction and costs of such correction shall be passed to the persons responsible for the property on which the infraction was noted.

### 3.2.7 RIGHT OF ENTRY

- (a) The Town and its employees, agents or representatives shall have the right to enter a customer's property at all reasonable times, or at any time in the case of emergency, for the purpose of installing, maintaining, inspecting, replacing, testing, monitoring, reading or removing Town facilities, meters or monitoring devices and for any other purposes incidental to the provision of service. The customer shall not prevent or hinder the Town's entry in any way.
- (b) The Town has the right to enter any customer premises, at any reasonable hour in order to:
  - (i) Install, inspect, test, repair, or remove Town facilities or equipment.
  - (ii) Perform necessary maintenance.
  - (iii) Investigate a complaint or query
  - (iv) Conduct inspections in regards to suspected water theft or device tampering.
- (c) Before entering any customer's premises the Town will make reasonable effort to notify the customer or other responsible person who is at the premises and who appears to have authority to permit entry except;
  - (i) In case of emergency
  - (ii) Where entry is permitted by order of a court
  - (iii) Where otherwise legally empowered to enter.

## PART III

### WATER SERVICE CONNECTIONS AND SERVICING

- 3.3.1 Any person who desires a new water service connection from the Town shall be responsible for installation of the service pipe from the main in the street to the building and shall install a service valve at the property line in accordance with the Town standards; such service connections shall be constructed at the sole cost and expense of the owner.
- 3.3.2 After the service pipe is installed to the satisfaction of the Town Engineer the Town shall assume responsibility for maintaining the water service pipe including the service valve, between the property line and the street water main. The water service pipe between the property service valve and the meter shall be the responsibility of the owner of the property.

- 3.3.3 The person owning the property shall take all precautions necessary to avoid damage to the property service valve.
- 3.3.4 No person, except the authorized personnel of the Town shall operate the property service valve, for shutting off or turning on water supply.
- 3.3.5 The Town or its authorized agent or employee shall have the right to access to the property service valve for the purpose of checking, operating, repairing or replacing, even if the service valve is located on private property.
- 3.3.6 In a case where the Town has to dig and repair the service valve, the Town shall have the right to use the private property, but shall be responsible for restoration of the private property to a condition at least equivalent to that which existed before the work began, at the Town's expense.
- 3.3.7 **PLUMBERS AND PLUMBING CONTRACTORS**  
All persons doing any work or installing private water service or the plumbing system attached thereto shall comply with the provisions of the Plumbing And Drainage Regulations of the Department of Health of the Province of Alberta and any bylaws of the Town applicable thereto.
- 3.3.8 **NUMBER OF SERVICES**
- a) Unless otherwise approved by the Engineer, there shall not be more than one private water service from the main in the street to any building or site.
  - b) If a building has more than one (1) self contained living unit the Town may require one service connection for each unit. If in the opinion of the Engineer this is warranted.
  - c) Private service line extensions – No person shall extend a private service line from one lot to another without prior written consent from the Town Engineer.
- 3.3.9 **BACKFLOW PREVENTION**
- a) Where in the opinion of the Engineer there is a perceived or imminent danger of contamination of the water works system from a source other than the Town water supply system, the customer may be required to install appropriate backflow prevention devices to prevent such contamination due to backflow into the system.
  - b) The customer shall at his expense arrange for the installation, inspection and testing of backflow prevention devices as may be required by applicable regulations ( Plumbing Code)
  - c) Results of inspection and testing of backflow prevention devices shall be submitted to the Town upon request for such documents.
  - d) Failure to provide the requested documents in a timely manner may result in service shut off, being ordered by the Town Engineer, until such time as the documents may be produced certifying the reliability of the backflow prevention device.
- 3.3.10 **DEPTH OF SERVICE**  
Unless otherwise approved by the Engineer, a private water service pipe shall be buried to a depth of at least 2.5 meters from the main in the street to the property service valve.
- 3.3.11 **FIRE PROTECTION SERVICE**
- a) A combined service or fire line shall not be installed without the prior approval of the Engineer.
  - b) A fire line shall be used only for fire protection purposes.
  - c) The Engineer shall determine whether or not a meter shall be affixed to such fire line.
    - i) Such meter shall not restrict the flow nor pressure required for the fire line service for which it was designed.
    - ii) Such meter shall be supplied and installed in a manner satisfactory to the Engineer at the sole cost and expense of the customer.
    - iii) Such meter shall meet with specifications as set out by the Town to ensure system continuity in materials and meters employed in the water works system.
- 3.3.12 **TEMPORARY WATER SERVICE**  
Any person requiring a temporary water supply in the course of construction shall make application to the Town and shall pay the fees and charges required by the Town's water and sewer rate bylaw.
- 3.3.13 **CHANGE IN SERVICE CONNECTION**
- a) Any person wishing to discontinue a water service permanently, shall disconnect the service at the water main or at the property service valve as the Engineer may consider appropriate, at the property owner's sole expense and to the satisfaction of the Engineer.

- b) If the Town is required to modify its facilities to accommodate a customer's requirements, the customer shall pay for all costs attributable and associated with the execution of the changes.

#### 3.3.14 THAWING SERVICES

The cost of thawing a frozen service shall be borne as follows:

- a) If the private service or the plumbing system connected thereto is frozen, as determined by the Engineer, by the customer.
- b) If the Town service is frozen as a result of the negligence of the customer, as determined by the Engineer, by the consumer.
- c) If the Town service is frozen, as determined by the Engineer, by the Town.
- d) The Town shall not thaw a private service or plumbing system.

#### 3.3.15 SERVICE SIZE

The size of the service required for residential purposes shall be determined by the current Plumbing and Drainage Act.

#### 3.3.16 BOILERS AND PRESSURE VESSELS

In any case where a boiler or equipment of a similar nature to that of a boiler is supplied directly from a service, such boiler or other equipment shall be equipped with at least one safety valve, vacuum valve or other device sufficient to prevent the collapse or explosion thereof in the event the water supply thereto is shut off, as may be required by the provincial and/or federal regulation that may apply.

#### 3.3.17 TERMINATION OF WATER SUPPLY

- 1) The supply of water to any consumer may be shut off for any or all of the following reasons:
  - (a) repairs;
  - (b) lack of supply;
  - (c) Non-payment of accounts rendered.
  - (d) Defective piping, or
  - (e) Noncompliance with applicable provincial or federal regulations
  - (f) For any reason for which the Engineer or Council considers sufficient.
- 2) If the water to a property has been shut off for any of the reasons listed in Subsection 1 of this section the person responsible for the property or account applicable thereto shall be assessed and required to pay the associated fees and penalties assigned to the action, as specified in the water and sewer rate bylaw, as may be revised and amended from time to time.

#### 3.3.18 REQUESTED WATER SHUT OFF AND/OR TURN ON

- a) If a consumer requires the water to be shut off or turned on for his own purposes, he shall pay the fees as specified in the water and sewer rate bylaw.
- b) Customers who are requesting water service turn on must be in attendance before the service valve shall be opened.

### PART IV METERS

#### 3.4.1 GENERAL

- a) All water supplied by the Town through a private service, except fire lines shall be measured by a meter unless otherwise provided for under this bylaw or unless a special agreement is entered into between the Town and a consumer.
- b) All meters shall be supplied, owned and maintained by the Town unless otherwise provided for by this bylaw or unless a special agreement is entered into between the Town and a consumer.

- c) All water consumers require meters and remote reading devices to be installed on their premises at the Town's cost, unless it is not feasible to install one in the opinion of the Engineer. Wiring required for the remote reading device shall be installed by the property owner during construction.
- d) The consumer shall be responsible for any damage to the remote reading device which may result from other than normal use. Costs associated with the repair of such remote reading device shall be that of the consumer.
- e) No connection, except for fire lines shall be made to the water service pipe between the property line and the meter. All water consumed must pass through the meter.

#### 3.4.2 INSTALLATION RESPONSIBILITY

- a) All meters supplied by the Town shall be installed by the Town.
- b) The consumer requesting a meter shall make provisions for the installation of a meter as required by the Engineer.
  - 1) Each customer shall provide and install a meter setting suitable for the installation of the meter, with adequate support and anchoring on each side of the meter capable of keeping the pipe in alignment and supporting the meter, at the customer's expense, in accordance with the Alberta Safety Codes Act.
  - 2) A customer shall ensure, at his expense, that;
    - (i) every private service line entering a building has a horizontal meter setting, and that the pipe extends not less than 450 millimeters beyond the wall or floor immediately before the meter position.
    - (ii) The meter setting is positioned as close to the point of entry into a building as practicable.
    - (iii) All valves and associated appurtenances of the meter setting shall be maintained by the customer in good working order.
- c) A meter rental fee and service charge shall be paid to the Town as established in the water and sewer rate bylaw, prior to the installation of the meter.

#### 3.4.3 SUBSIDIARY METER

A consumer may, at his own expense, install a meter between the meter supplied and installed by the Town and the point of use of the water supply. Such meters shall not be maintained or read by the Town.

#### 3.4.4 TESTING OR CALIBRATION ON DISPUTED METER READING

In the event a meter reading is disputed by either the Town or the consumer, written notice shall be given to the other. Following written notice, a meter situated on the premises of such consumer shall be tested or calibrated by a proper official delegated by the Town. In the event that the said meter is found to be accurate within 98.5% to 101.5% of the water passing through the same, the expense of such test or calibration shall be borne by the party giving such notice in the amount designated in the water and sewer rate bylaw. In the event that the said meter is found not to be accurate within the aforesaid limits, the same shall forthwith be repaired or replaced by another meter and the expenses of doing so shall be borne by the Town.

In the event that the meter is found not to be accurate within the limits set out above, the accounts based upon the reading of that meter for the maximum of twelve (12) monthly bills rendered immediately preceding the date of such test or calibration shall be corrected in proportion to the error of the meter in excess of the aforesaid limits and the consumer shall pay or there shall be refunded to the consumer, as the case may be, the amount so determined which payment or refund shall be accepted by both the Town and the consumer's settlement in full to the date thereof of all claims on account of the inaccuracy of such meter.

#### 3.4.5 METER CHAMBER

When in the opinion of the Engineer the building or other premises intended to be supplied with water are too far from the Town service to conveniently install a meter in such building or premises, or if a number of buildings are to be so supplied or for any other reason, the consumer shall at his sole cost, construct and maintain a container for a meter and such container shall in all respects including location, construction, size, access and otherwise howsoever be satisfactory to the Engineer.

#### 3.4.6 METER SIZE

The size of the water meters shall be determined as follows:

- a) if the internal diameter of the private service pipe is twenty five (25) millimeters (1 inch) or less, a sixteen (16) millimeter (5/8 inch) meter shall be used.
- b) If the internal diameter of the private service pipe exceeds twenty five (25) millimeters (1 inch), the size of the meter shall be one size smaller than the size of the private service pipe.
- c) If the private service pipe is a combined service (to supply water for fire protection as well as water for other purposes) the internal diameter of the private service pipe branch to be used for other purposes shall determine the meter size as set out in subsections a) and b) of this section

#### 3.4.7 NON-REGISTERING METER

If upon the reading of a meter, it is determined that the meter has failed to properly record the flow of water, the Treasurer shall estimate the flow and render an account based upon such method as is considered to be fair and equitable.

#### 3.4.8 PROTECTION OF METER

Every consumer shall provide adequate protection for the meter supplied by the Town against freezing, heat or any other internal or external damage, failing which the consumer shall pay to the Town all costs associated with the repair of such meter as per the water and sewer rate bylaw.

#### 3.4.9 METER READING

The meters shall be read at least every two (2) months. In the event a meter cannot be read as aforesaid, the Treasurer shall estimate the flow of water upon the basis of the previous history of consumption for two (2) months and render an account in accordance with such estimates. In any event, the Town, or authorized delegate, at least once each year shall read each meter.

#### 3.4.10 BILLING PERIOD

The billings will be executed as per the water and sewer rate bylaw as amended from time to time. The billing may be based on the actual meter reading or be estimated, based on previous consumption records.

#### PAYMENT OF ACCOUNT

3.4.11 Payment of assessed values on account shall be made on a timely basis to the Town at the Town Office during normal working hours of 8:30 am – 4:30 pm

#### 3.4.12 BY-PASSES

Any consumer having a meter fifty (50) millimeters (two (2) inches) in size or larger shall, at his expense, construct and maintain a properly valved bypass satisfactory to the Town Engineer, which bypass shall be sealed by the Town and shall be opened by the consumer only in cases of emergency. The consumer shall notify the Town within 24 hours after the seal on the bypass is broken, failing which the Engineer may cause the water supply to such consumer to be shut off until satisfactory arrangements have been made for the calculation of and payment for water supplied and not recorded on the meter.

#### 3.4.13 METER VALVING

Any consumer having a meter smaller than fifty (50) millimeters (2 inches) in size shall, at sole cost and expense, supply and maintain valve on both sides of and within 300 millimeters (12 inches) of the meter.

#### 3.4.14 WATER SERVICE CHARGES AND RATES

- (a) Every owner or occupant of property within the limits of the Town, whose property is serviced directly or indirectly by the connection to water systems of the Town, shall pay to the Town, the water service charges as established by the Council in the water and sewer rate bylaw passed and/or as amended from time to time.
- (b) Every owner or occupant of property outside of the limits of the Town, whose property is serviced directly or indirectly by the connection to water systems of the Town shall pay to the Town the water service charges as established by an agreement between the Town and Brazeau County Council and/or as amended from time to time.

SECTION IV  
PART I

4.1.1 PROTECTION FROM DAMAGE

No person shall maliciously, willfully or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance or equipment which is part of the sewage and water works. Any person violating this provision shall be subject to immediate arrest under charge of destruction of public property.

PART II

4.1.2 POWERS AND AUTHORITY OF INSPECTION

The Engineer and other duly authorized employees of the Town bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling and testing in accordance with the provisions of this bylaw. The Engineer or his representative shall have authority to inquire into any processes beyond that point having a direct bearing on the kind of and source of discharge to the sewers or waterways or facilities for waste treatment.

4.2.2 While performing the necessary work on private properties as may be required, the Engineer or duly authorized employees of the Town shall observe all safety rules applicable to the premises.

4.2.3 The Engineer and other duly authorized employees of the Town, bearing proper credentials and identification shall be permitted to enter all private properties through which the Town holds a duly negotiated easement for the purpose of, but not limited to, inspection, observation, measurement, sampling repair and maintenance of any portion of water and sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

PART III  
PENALTIES

4.3.1 Any person found to be violating any provision of this bylaw shall be served by the Town with written notice stating the nature of the violation and providing a reasonable duration of time to correct the violation thereof. The offender shall within the period of time stated in such notice, permanently cease all violations.

4.3.2 Any person who shall continue any violation beyond the time limit provided for in Subsection 4.3.1 shall be guilty of a misdemeanor, and a conviction shall be fixed for each violation. Each day in which any violation shall continue shall be deemed a separate offence.

4.3.3 Any person violating any of the provisions of this bylaw shall become liable to the Town for any expense, loss or damage occasioned to the Town by reason of such violation.

4.3.4 The conviction of a person for any violation of this bylaw shall not operate as a ban to further prosecution under this bylaw for the continued neglect or failure on the part of the person to comply with the provisions of this bylaw.

PART IV  
VALIDITY

4.4.1 The invalidity of any section, clause, sentence or provision of this bylaw shall not affect the validity of any other part of this bylaw which can be given effect without such invalid part or parts.

4.4.2 Bylaw No. 87-04 is hereby repealed.

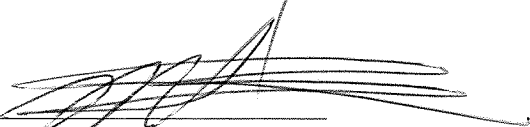
4.4.3 This bylaw shall become effective on the date of the third (3<sup>rd</sup>) and final reading.

Read for a first time this 24 day of June, 2002

  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
Municipal Manager

Read for a second time this 28 day of August, 2002

  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
Municipal Manager

Read for a third time this 18 day of September, 2002

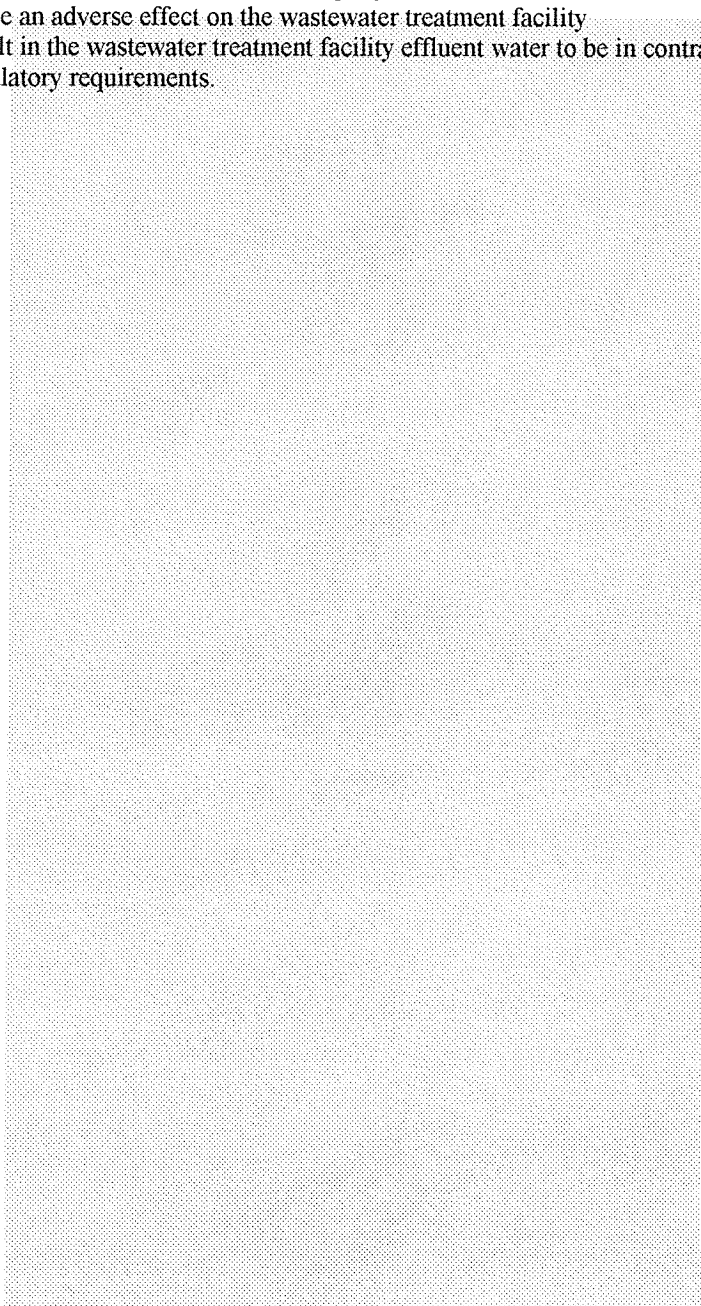
  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
Municipal Manager

SCHEDULE "A"  
PROHIBITED WASTES

The following are designated as prohibited wastes:

- 1) any matter in a concentration that may cause a hazard to human health
- 2) any flammable liquid or explosive matter which, by itself or in combination with other matter could cause or contribute to an explosion or support combustion.
- 3) Any matter which by itself or in combination with other matter is capable of obstructing flow or interfering with the operation or performance of the sewage system or wastewater treatment facilities including but not limited to;
  - a) agricultural wastes
  - b) animals, including fish and fowl or portions thereof that may pass a two (2) centimeter screen
  - c) ashes
  - d) asphalt
  - e) cement based products
  - f) gardening wastes
  - g) glass
  - h) gravel
  - i) sand
  - j) metal
  - k) cardboard
  - l) plastics
  - m) rags and cloth
  - n) rock
  - o) sharps
  - p) soil
  - q) straw
  - r) tar
  - s) wood and sawdust
- 4) Any matter with corrosive properties which, by itself or in combination with other substances may cause damage to the sewage system structural materials or pose a danger to Town employees while performing operation and maintenance duties.
- 5) Any matter other than domestic wastewater, which by itself or in combination with other substances is capable of creating an air pollution problem outside of the sewer system or at the treatment facility.
- 6) Any matter, which by itself or in combination with other matter is capable of preventing safe entry into the sewer system by Town personnel during maintenance and operation duties.
- 7) Any matter consisting of two or more separate layers or is capable of forming separate liquid layers when in contact with wastewater or its components.
- 8) Any matter, which by itself or in combination with other matter is detrimental to the operation or performance of the sewage system, treatment facilities, watercourse or to the environment, including, but not limited to;
  - a) biological waste
  - b) elemental mercury
  - c) paint, stains and coatings, including oil and water based
  - d) prescription drugs
  - e) automotive and machine oils and lubricants
- 9) radioactive material
- 10) effluent from an industrial garbage grinder
- 11) any matter which may;
  - (i) cause a hazard to human health and that cannot be effectively mitigated by conventional wastewater treatment methods

- (ii) cause a hazard to the environment
  - (iii) cause a hazard to Town workers performing the operation and maintenance duties of the wastewater collection and treatment facilities.
  - (iv) cause an adverse effect on the sewage system
  - (v) cause an adverse effect on the wastewater treatment facility
  - (vi) result in the wastewater treatment facility effluent water to be in contravention of the Provincial regulatory requirements.
- 

**SCHEDULE B****RESTRICTED WASTES APPLICABLE TO SANITARY AND COMBINED SEWERS**

The following are designated as Restricted Wastes when present in wastewater, storm water, subsurface water or clear-water waste being released to the sanitary or combined sewerage system at a concentration in excess of the levels set out below, with concentrations being expressed as total concentrations unless specified otherwise:

1. (a) **CONTAMINANTS**
    - (i) Biochemical oxygen demand (B.O.D.).. 10,000 mg/L,
    - (ii) Chemical oxygen demand (C.O.D.)..... 20,000 mg/L,
    - (iii) Oil and grease..... 800 mg/L,
    - (iv) Phosphorus (P)..... 200 mg/L,
    - (v) Suspended solids (S.S.)..... 5,000 mg/L,
    - (vi) Total Kjeldahl nitrogen (T.K.N.)..... 500 mg/L;
  - (b) **INORGANIC CONSTITUENTS**
    - (i) pH (Hydrogen ion) less than 6.0 or greater than 11.5;
    - (ii) Arsenic (As)..... 1.0 mg/L;
    - (iii) Cadmium (Cd)..... 0.10 mg/L,
    - (iv) Chlorine (free) (Cl<sub>2</sub>)..... 5.0 mg/L;
    - (v) Chromium (Hexavalent) (Cr<sup>+6</sup>)..... 2.0 mg/L;
    - (vi) Chromium (total) (Cr)..... 4.0 mg/L;
    - (vii) Cobalt (Co)..... 5.0 mg/L;
    - (viii) Copper (Cu)..... 1.0 mg/L;
    - (ix) Cyanide (CN<sup>-</sup>)..... 2.0 mg/L;
    - (x) Lead (Pb)..... 1.0 mg/L;
    - (xi) Mercury (Hg)..... 0.10 mg/L;
    - (xii) Molybdenum (Mo)..... 5.0 mg/L;
    - (xiii) Nickel (Ni)..... 4.0 mg/L;
    - (xiv) Silver (Ag)..... 5.0 mg/L;
    - (xv) Sulphide (S<sup>-</sup>)..... 3.0 mg/L;
    - (xvi) Thallium (Tl)..... 1.0 mg/L;
    - (xvii) Zinc (Zn)..... 2.0 mg/L;
  - (c) **ORGANIC COMPOUNDS**
    - (i) Hydrocarbons..... 50 mg/L;
    - (ii) Phenols..... 1.0 mg/L;
  - (d) **PHYSICAL PROPERTY**
    - (i) temperature greater than 75 degrees Celsius; and
2. Radioactive materials in concentrations greater than allowed under the Atomic Energy Control Act and the Atomic Energy Control Regulations as amended from time to time.

3. Notwithstanding the concentration based limits contained in this Schedule, the Town Engineer may require a facility or premises to meet site-specific load based limits where concentration based limits are considered inappropriate.

