



Town of Bowden
Box 338, 2101 20th Ave
Bowden, Alberta, T0M 0K0

Town of Bowden – Province of Alberta WASTEWATER & STORMWATER BYLAW 05 / 2019

Whereas the Municipal Government Act, RSA2000, Chapter M-26 (as amended) provides that Council may pass bylaws for municipal purposes respecting the safety, health and welfare of people, services provided by or on behalf of the municipality, public utilities and the enforcement of bylaws;

And whereas, Council deems it desirable to manage Wastewater and Stormwater utilities within the Town of Bowden in compliance with environmental and regulatory guidelines;

Now therefore, the Municipal Council of the Town of Bowden hereby enacts as follows;

1 SHORT TITLE

This Bylaw may be known as and cited as the “Wastewater & Stormwater Bylaw”

2 PURPOSE

To establish and to provide for the regulation, control, operation and maintenance of Wastewater and Stormwater utilities to;

- a) protect the Wastewater / Stormwater System and its infrastructure from malfunction, damage, obstruction, contamination, or loss of efficiency or use
 - b) control the flow and content of releases of matter and substances into the Wastewater / Stormwater System
 - c) provide for a system of permits or other permissions that facilitate the imposing of conditions on releases to the Wastewater / Stormwater Systems within the Town of Bowden
 - d) to protect residents and persons from exposure to hazardous conditions
-

3 DEFINITIONS

In this Bylaw (and the attached Schedules) the following definitions apply;

Authorized Person

Means any person appointed to act on behalf of the Town of Bowden.

Backflow Preventer (or Cross Connection Control Device)

Means a device that allows wastewater to flow in one direction only

CAO (Chief Administrative Officer)

Is the person appointed by the Council into the position of Chief Administrative Officer for the Town of Bowden in accordance with the MGA (or his / her designate) and is the administrative head of the Municipality.

Council

Means the duly elected Municipal Council of the Town of Bowden.

Connection

Means a pipe or conduit installed between a premise and the Wastewater System for the purpose of removing wastewater from the premise.

Environmental Protection and Enhancement Act (EPEA)

Means the Environmental Protection and Enhancement Act, R.S.A. 2000, c. E-12 and all regulations adopted under the Environmental Protection and Enhancement Act.

Hazardous Substance

Means a substance that is either a hazardous substance or a hazardous waste or has the properties of hazardous waste as described in the Environmental Protection and Enhancement Act.

Interceptor

Means a type of pre-treatment system or device approved by the CAO and which is designed to prevent oil, grease, grit or other matter passing from its source into the Wastewater System.

Malfunction

A crack, break, breach or blockage in a wastewater main or service line

Matter

Means any solid, liquid or gas.

Municipality

Means the Town of Bowden, a municipal corporation within the Province of Alberta.

MGA

Means the Municipal Government Act, RSA2000, Chapter M-26 (as amended over time)

Occupant

A person (other than an owner) occupying or exercising control over, or having right to occupy or exercise control over, land or property or buildings (not owned by the Municipality) either as tenant or lessee for the purpose of residential or commercial activity under agreement with the owner of the land or property or buildings.

Owner

Means a person who is one or more of the following:

- a) the registered owner of the property as shown on the Certificate of Title for the premise under the Land Titles Act
- b) recorded as the owner of the property on the assessment roll of the Town
- c) a person in control of a property under construction

Permit (or contract)

Means a written form of approval issued by the CAO.

Person

Means any of the following;

- a) an individual
- b) a legal entity or business entity, including a firm, developer, association, partnership, society or corporation
- c) a trustee, executor, administrator, agent or employee of either a) or b)

Private Wastewater System or Plumbing System

Includes all private wastewater pipes (including their respective joints and connections, devices, receptors, and appurtenances) and all fixtures, traps, drainage and vent pipes, including drains and service connections within the property lines of a premise for the collection, treatment and disposal of wastewater, and may include a septic tank with an absorption field or other approved means of disposal.

Premise

Means any of the following;

- a) private land
- b) any building or a structure (either occupied or unoccupied)
- c) both or part of a) & b)

Property Line

The legal boundary between an owner's premise and a municipally owned street or land (eg; public right of way or easement)

Provincial Offences Procedure Act

Means the Provincial Offences Procedure Act, R.S.A. 2000, c. P-34 (as amended over time)

Release

Means;

- a) to directly or indirectly conduct a substance to the Wastewater System or a watercourse by spilling, discharging, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means
- b) a spill, discharge, disposal, abandonment, deposit, leak, seep, pour, drain or emptying of matter or a substance into the Wastewater System or a watercourse

Remedial Order

An order to remedy contraventions issued in accordance with section 545 of the MGA.

Residential

Means a premise where no commercial activity or business is carried on (unless authorized by permit through a Business License).

Service Line (or Service Lateral)

A pipe or fitting that connects a premise to a wastewater main.

Stormwater

Means water from rainwater or melting snow and ice.

Stormwater System

Means any part of the Municipality's infrastructure used primarily for the collection of, transporting of, disposing of stormwater.

Sump

Means a device that captures ground water and which pumps this water onto the ground outside of the building.

Town

Means the municipal corporation of the Town of Bowden, it's administrative staff, or authorized persons.

Wastewater

Is water that has been used by residential, industrial, commercial or institutional premises and because of that contains waste substances or matter or chemical products.

Wastewater Main

Means a pipe that collects, transports or disposes of wastewater located in a street, public thoroughfare or easement area under the direction or control of the Town and which forms part of the Wastewater System.

Wastewater System

Means the Municipality's infrastructure for the collection, transmission, treatment and disposal of Wastewater to the South Red Deer Regional Wastewater Commission system.

4 GENERAL PROVISIONS ON USE OF WASTEWATER SERVICES

4.1 General

The Town may enter into agreement with other Municipalities or commissions or organizations for wastewater services within or beyond the Municipal boundary and implement any agreements as may be deemed necessary.

4.2 Standards

Wastewater service lines & connections when installed or repaired must be constructed of approved current code materials as set out by any Provincial regulation or code.

All new residential constructions must have a basement sump pump (device) and backflow preventer installed within the premise.

No person shall connect any pipe, fixture, fitting, or device that may allow wastewater or contaminated water or any unauthorized matter to enter the clean, potable water system.

No person shall backfill or enclose any service lines or device or fitting until the fitting or service has been inspected and approved by the CAO or designate.

4.3 Obligations

No person will install or operate a wastewater facility, or carry out any action that harms or potentially harms the Municipal Wastewater System

No person will carry out any act which contravenes any approval, requirement, direction or order issued by Alberta Environment or any other enforcement agency, with respect to the operation of a Wastewater or Stormwater System or its discharges.

Except as permitted within this Bylaw, or by permit, no person shall construct or maintain any private wastewater facility intended for the collection or disposal of wastewater or septic waste or matter.

No person will conduct any act in contravention of any Federal, Provincial, Municipal or Regional Commission regulation, code or agreement (including, amongst others, the Environmental Protection & Enhancement Act, the Alberta Government Standards and Guidelines for Municipal Waterworks

Wastewater and Stormwater Systems, the National Plumbing Code of Canada, and the Safety Codes Act).

4.4 Wastewater Service Line

4.4:1 General

The Town will only provide wastewater service to the owner of a premise.

The owner shall maintain in good repair (with sufficient protection from freezing, leaks and deterioration) the service line. (refer to Schedule B contained within this Bylaw titled, "Sanitary Sewer Maintenance & Repair").

It is the responsibility of the owner to maintain the whole of the sewer service line between the building to the sanitary sewer main

The CAO may refuse to supply a municipal water service if the owner of a premise refuses to repair or maintain the service line.

An owner who wishes to have an existing service line replaced or relocated must apply and receive approval from the CAO.

An owner of a premise that is serviced by a wastewater connection must notify the CAO when the wastewater connection is being discontinued and requires disconnection. The cost of any such request will be the responsibility of the owner.

4.4:2 New Connections

A person or owner must not install a service line (or any wastewater facility) unless;

- i. the person or owner obtains written approval from the CAO, and
- ii. the person or owner complies with all conditions or requirements as required by the CAO for the installation and operation of the service line or facility
- iii. ensure that all permits, inspections or approvals have been obtained prior to connection to the Municipal Wastewater System, and that the installation meets current codes of practice, pursuant to the Safety Codes Act, the Environmental Protection and Enhancement Act, or any other bylaw or applicable legislation.

4.5 Costs

An owner is responsible for all costs associated with any of the following;

- i. the implementation of any measures taken, or required to be taken, by the owner to meet the requirements of this Bylaw
- ii. any adverse effect or damage or harm to the Wastewater System resulting from the owner's contravention of the requirements of this Bylaw.

4.6 Information & Obligation to Report

No person shall knowingly withhold or supply false or incorrect information about the use of a premise that could affect utility rates, or charges or any other relevant matter.

It is the responsibility of the owner to notify the Town when any changes or modifications are made to a premise that may affect wastewater service charges or the utility infrastructure. Failure to provide notice constitutes a violation of this Bylaw.

4.5 Interference

No person shall turn, lift, remove, raise or tamper with the cover of any manhole, or other appurtenance of any Town Wastewater / Stormwater System, except where authorized by the CAO.

No person shall cut, break, pierce, or tap any pipe or appurtenance into any part of the Town Wastewater / Stormwater System.

No person shall interfere with any permanent or temporary device installed in or on the Town Wastewater / Stormwater Systems for the purpose of flow measuring, sampling, testing or contamination prevention.

No person shall interfere with the free discharge of any Wastewater or Stormwater or do any act which may impede or obstruct the free flow of any Wastewater or Stormwater.

No person may enter into any chamber, structure, confined area, excavation or premise associated with the Town's Wastewater or Storm Water Systems without prior approval of the CAO.

4.6 Commercial Waste

No waste or discharge of matter shall be made into the Wastewater / Stormwater Systems from any trade, industrial or manufacturing process unless authorized by the CAO.

Any required wastewater treatment or filtering equipment shall be installed at the owners' expense and thereafter shall be properly operated and maintained by the owner at the owner's expense.

4.7 Limitation on Liability

The Town is not liable for damages or loss suffered by any person due to the operation / non-operation of the Wastewater System, unless such damages or loss are shown to be directly due to the negligence of the Town as proven by a Provincial Court of Alberta.

In addition, the Town will not be liable for damages or loss resulting from any of the following;

- i. the settlement of an excavation or trench made for the purpose of installing, maintaining or repairing any part of the Wastewater or Stormwater System, or for any damage or loss resulting from that settlement
- ii. a break of a wastewater line or connection
- iii. the disruption of the Wastewater System when a disruption is necessary for the repair or maintenance of the Wastewater System
- iv. the disruption of the Wastewater System in the event of an emergency or unforeseen event

5 DESIGNATION OF AUTHORITY

5.1

The Council of the Town of Bowden authorizes the CAO (or designate) to do all actions necessary in order to fulfill the responsibilities and duties under the MGA, Provincial and Federal Statutes and Regulations, this Bylaw and any municipal policies.

5.2

The CAO shall have the responsibility for the day to day operation of the Wastewater / Stormwater Systems in accordance with;

- i. Provincial and Federal Statutes and Regulations and Codes
- ii. this Bylaw and any related regulations and policies
- iii. the direction of Council.

5.3

Without limitation, the CAO is hereby empowered to provide for;

- i. the establishment of standards, guidelines and specifications for the design, construction and maintenance of the Wastewater and Stormwater Systems
- ii. the operation, installation, maintenance and management of the Wastewater and Stormwater systems
- iii. the delegation of powers to other authorized Persons, organizations, contractors, inspectors or employees of the Town
- iv. the billing and collecting of fees & penalties
- v. administering or enforcing the provisions of this Bylaw
- vi. the recovery of any costs associated with the provision of the wastewater service

5.4

The CAO may upon providing reasonable notice and time enter any private or commercial Premise which is connected to any wastewater facilities to ascertain whether any improper use or discharge has been made by an owner of the Premise.

5.5

The CAO has the power to use any means necessary to inspect, observe, measure, sample and test for the purpose of determining compliance with this Bylaw and to stop or prevent any act that might harm the safe / normal operation of the Wastewater and Stormwater Systems.

5.6

The CAO may delegate powers to other authorized persons, organizations, contractors, inspectors or employees of the Town as deemed appropriate and necessary.

5.7

The CAO has the authority to make an exception to any clause contained within this Bylaw at his / her own discretion without precedent in response to abnormal circumstance or needs or situation at the time (eg; an emergency action).

5.8 Disconnections

The CAO may;

- i. take any action required to prevent a release from entering the Wastewater and Stormwater Systems, including shutting off, disconnecting or sealing off the potable water service to the premises from which the release is made
- ii. continue any action taken under subsection (i) until the CAO is satisfied that the release has been contained or whilst an unsafe condition continues to exist (this may include the installation of an effluent meter or any other monitoring equipment necessary)
- iii. recover any costs associated with 5.8i and 5.8ii above

5.9 Recovery of Overdue Accounts

If an owner defaults on payment of an account that is due (for wastewater services provided, or for any liability or fine pursuant to this Bylaw) the CAO may enforce the collection of monies by taking one or more of the following actions;

- i. shutting off, disconnecting or sealing off the potable water service to the owner's property to which wastewater services are provided
- ii. bringing an action against a person or owner in a court of relevant jurisdiction
- iii. entering the unpaid amount on the assessment and tax roll of the owner's premises

5.10 Right of Appeal

Any person who considers themselves to be aggrieved by a decision of the CAO made under this Bylaw may appeal the decision to Council, providing that;

- i. an appeal is made in writing within 30 days of receiving the CAO's decision
 - ii. accepting that the Council's decision respecting any appeal shall be final and binding
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6 DISCHARGES TO THE WASTEWATER / STORMWATER SYSTEMS

6.1 Mitigation

Any person who releases or allows a release of an unauthorized substance into the Wastewater and Stormwater Systems in contravention of this Bylaw must immediately take all reasonable measures to mitigate the release.

6.2 Sump Pumps

Sump pumps where installed must not discharge water into the Town's Wastewater System by direct connection to either the premise's service line or to the wastewater main.

Sump pumps where installed must not discharge water into Town's Wastewater System indirectly by way of a floor drain, laundry drain or any other connection to the Wastewater System.

Sump pumps where installed can only discharge water from the sump or dry well onto the surface of the ground outside the building.

6.3 Weeping Tile

No weeping tile may be installed that drains sub surface or groundwater in such a manner that a direct or indirect connection is made with the Town's Wastewater System.

6.4 Stormwater Discharge

No person shall make any direct or indirect discharge or make any connection for either stormwater or surface water collected by drainage in weeping tiles, eavestroughs, downspouts, sumps, sump pumps or roof spouts into the Municipal Wastewater System.

No person shall discharge or deposit or cause or permit the discharge or deposit into any Stormwater System, land drainage works, or watercourse, wastewater that;

- i. may interfere with the proper operation of the Stormwater System
 - ii. may damage the Stormwater System
 - iii. may obstruct or restrict the Stormwater System
 - iv. that could adversely affect any person, animal, property or vegetation
 - v. that may impair the quality of water in any other watercourse
 - vi. that may result in the contravention of an approval, requirement, direction or order issued by Alberta Environment or any other enforcing agency
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7 HAULED SEWAGE WASTE & NON-SEPTIC WASTE

7.1

Hauled sewage waste and non-septic waste may be disposed of in accordance with any conditions or agreements set by the CAO and in accordance with any approval or certification required by Alberta Environment or any other enforcement agency.

7.2

All hauled sewage & non-septic waste must not include any material that violates Schedule C as contained within this Bylaw, titled, "Prohibited Substances in Wastewater" unless an acceptance and approval has been given by the CAO.

8 REPORTING

8.1 Notification

- i. any person who releases or allows a release of an unauthorized substance or matter into the Wastewater / Stormwater System in contravention of this Bylaw must take all reasonable measures to immediately notify the Town by contacting;

 e-mail:	cao@bowden.ca
 Tel:	403 224 3395 (Administration Office – 8.00am to 4.00pm)
 Tel:	403 224 3621 (Public Works Out of Hours)

- ii. the owner of the premise where the release occurred
- iii. any other person that may be affected by the release

8.2 Details

- i. The person reporting the release described in section 8.1 must attempt to supply pertinent information regarding the release including;
 - the name and contact information of the person reporting the release
 - the time of the release
 - the location of the release
 - the type of material released and any known associated hazard
 - the volume of material released
 - any corrective action being taken, or proposed to be taken, to control the release
 - ii. The CAO may require the person responsible for the release to submit a written report describing the cause of the release and the steps or procedures to be taken to prevent or eliminate similar future releases
 - iii. A person who fails to submit a written report or fails to assist in any environmental or health & safety inquiry is guilty of an offence under this Bylaw.
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9 RATES AND FEES

9.1 Authority of Council

Council will set commercial and residential service fees as set out in the Rates Bylaw.

9.2 Authority of the CAO

The CAO may establish further rates, charges or fees for other wastewater services provided including any or all of the following;

- i. fees for engineering services, inspections, service connections, reconnections and disconnections & miscellaneous public works services
- ii. fees for equipment rentals, or replacement or relocation of equipment

- iii. fees for site visits, maintenance, testing and repairs
- iv. fees for collection / nonpayment of accounts
- v. fees for hauled wastewater for discharge at approved locations
- vi. penalties for infractions of any part of this Bylaw

The CAO may establish rates, charges or fees for any work done or service or material supplied for the construction, installation, inspection, testing, connection, disconnection or replacement of any of the following;

- a) any part of the Wastewater or Stormwater System
- b) any part of an owner's service line
- c) any device (eg; backflow preventer, filter etc) that maintains or safeguards the quality or discharge of matter into the Wastewater / Stormwater Systems

Where rates have not been established for a particular service, the CAO may establish and levy charges for services on a cost recovery basis for services provided.

10 APPLICABILITY

This Bylaw applies to all persons, owners, occupants and customers with the Town of Bowden municipal boundaries.

All schedules attached to this Bylaw form part of this Bylaw.

Any person who contravenes any provision of this Bylaw, by doing any act or thing which is prohibited, or by failing to do any act or thing that is required, is guilty of an offence in accordance with this Bylaw.

Nothing in this Bylaw relieves any person from complying with any provisions of any other federal or provincial legislation or regulatory body or any other Bylaw of the Town.

Under Provincial legislation (Provincial Offences Procedures Act), the provisions of the Criminal Code extends liability beyond the person who committed the offence as follows;

Everyone is a party to an offence who;

- i. actually commits it
- ii. does anything for the purpose of aiding a person to commit an offence, or;
- iii. abets any person in committing an offence

11 SEVERABILITY

Every provision of this Bylaw is independent of all other provisions. If any provision of this Bylaw is declared invalid for any reason by a Court of competent jurisdiction, all other provisions of this Bylaw shall remain valid and enforceable.

Nothing in this Bylaw relieves a person from complying with any provision of any federal, provincial or municipal law or regulation or any requirement of any lawful permit, order or licence.

12 BYLAW PRECEDENCE

This Bylaw supersedes and takes precedence over all previously passed Bylaws that refer to Wastewater and Stormwater utilities.

Bylaw **01/2012** and all amendments thereto are hereby repealed.
Bylaw **04/2012** and all amendments thereto are hereby repealed.

This Bylaw and the schedules listed below will come into effect on the final day of passing and signature thereof.

Schedules attached to this Bylaw;

Schedule A	Penalties
Schedule B	Sanitary Sewer Lines Maintenance & Repair
Schedule C	Prohibited Substances in Wastewater

Read a first time in open council this _____ **day of** _____,

Read a second time in open council this _____ **day of** _____,

and finally passed by unanimous consent of the councillor's present.

Read a third time in open council this _____ **day of** _____,

Robb Stuart, Mayor

Greg Skotheim, Chief Administrative Officer

Wastewater & Stormwater Bylaw

SCHEDULE A Penalties

A1

Any contravention of any provision of this Bylaw may be enforced by the provisions contained within the Municipal Government Act (Division 4 Enforcement of Municipal Law) the Provincial Offences Procedures Act, R.S.A. 2000 C. P-24 or any other Provincial or Federal regulation where valid and enforceable.

A2

Any person who;

- i. contravenes a provision of this Bylaw is, guilty of an offence
- ii. fails to do any act or thing the person is required to do, is guilty of an offence

A3

This may lead to the issue of;

- i. a written warning
- ii. a specific penalty listed for an offence within the Rates Bylaw
- iii. an unspecified penalty of not less than \$500 up to a maximum of \$15000 for any offence of this Bylaw
- iv. the issue of a Remedial Order to remedy the infraction in accordance with section 545 of the Municipal Government Act
- v. any or all of i) to iv) above

A4

The amount of any penalty will be determined and applied at the discretion of the Town dependent upon the context, nature and severity of the offence as determined by the CAO.

A5

Any person in contravention of this Bylaw may be liable to compensate the Town for all costs associated with the cost of repair or replacement of any part or parts of the Wastewater or Stormwater Systems that the person damaged or harmed or for any adverse effect or damage or harm to the Wastewater or Stormwater Systems resulting from that person's contravention of the requirements of this Bylaw.

The levying and payment of any fine provided in this Bylaw does not relieve a person from the necessity of paying any additional charges or costs for which that person is liable under the provisions of this Bylaw or any other Bylaw including any compensation due for damages or fees for remedial work.

A6

All persons are responsible for all costs associated with any of the following;

- a) the implementation of any measures taken, or required to be taken, by a person to meet the requirements of this Bylaw
- b) damage or harm to the Wastewater or Stormwater Systems resulting from that person's contravention of the requirements of this Bylaw.

A7

Any person in contravention of this Bylaw may be liable to compensate the Town for all costs associated with the release, containment, sampling, testing, removal, cleanup and disposal of any contamination as a result of the release of unauthorized material into the Wastewater or Stormwater Systems.

A8

Notwithstanding the penalty provisions included this schedule, or the Rates Bylaw any person who contravenes any provision of this Bylaw may forfeit the right to be supplied with potable water from the Town's Water System.

A9

In accordance with section 553 of the MGA any unpaid costs owed by the owner of a parcel of land may be added to the tax roll of the property.

A10

A Remedial Order may be issued to order compliance with the provisions of this Bylaw and with section 545 of the MGA

Where a Remedial Order is issued to either an owner or an occupant of a premise pursuant to this Bylaw and if the person to whom the Remedial Order is issued fails to comply with the Remedial Order or fails to comply with the order within the time specified in the Remedial Order, the CAO may cut off water service to the premises.

Where a Remedial Order is issued to the owner of a premise and if that person to whom the Remedial Order is issued fails to comply with the Remedial Order within the time specified, then the Town may do anything as required by the Remedial Order including the recovery of costs.

Wastewater & Stormwater Bylaw SCHEDULE B Sanitary Sewer Lines Maintenance & Repair

B1

The purpose of this schedule is to provide clarity on the responsibility of parties with regard to the maintenance and repair (including blockages) of sanitary sewer lines (ie; service lines from either residential or commercial properties to the municipally owned wastewater / sewer main).

B2

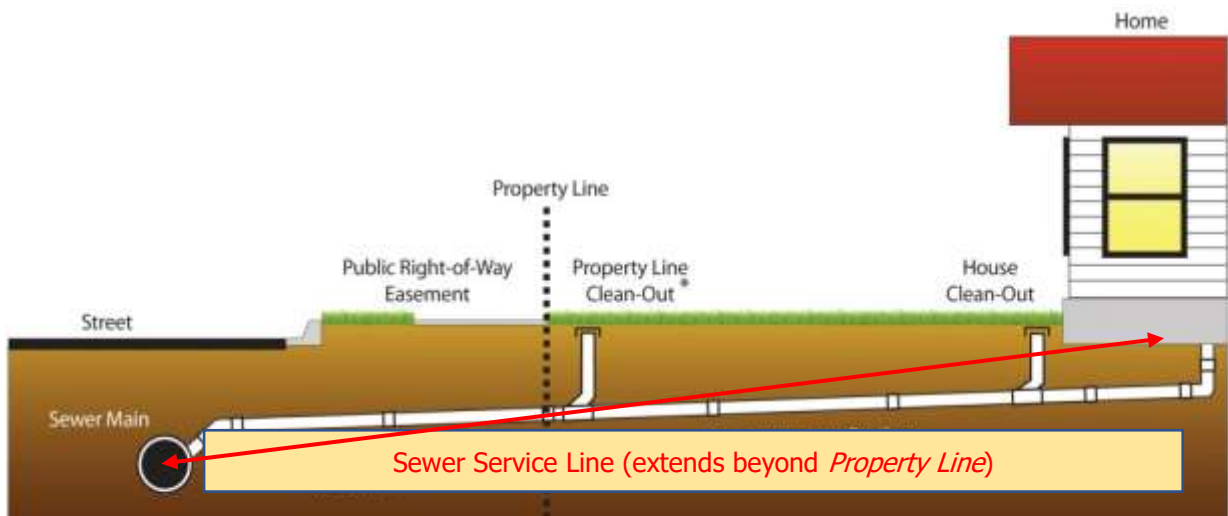
Municipal Government Act (Sections 36 to 40 applies where appropriate)

B3

Procedures for Investigating Blockages

Wastewater flows from a building through a service line (service lateral) that connects to the wastewater / sewer main

It is the responsibility of the owner to maintain the whole of the sewer service line between the building to the sanitary sewer main (refer to red arrow in diagram below)



Maintenance means (and includes);

- a) flushing
- b) camera scoping work
- c) malfunctions / blockages / protection from freezing
- d) care / cleaning of any access points (property clean out points)
- e) installation / maintenance of backwater overflow devices

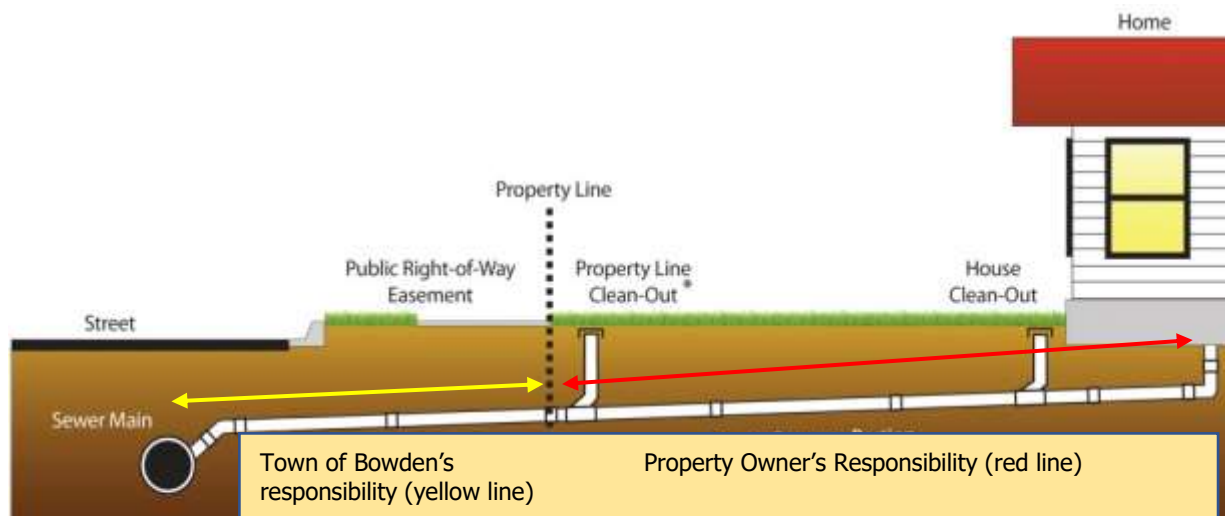
If a malfunction in any part of the service line occurs the following procedures apply;

- i. The owner shall be responsible for notifying the Town when a service line malfunction occurs
- ii. In response the Town will investigate and check the wastewater / sewer main to determine that the main is flowing and is free from obstruction.
- iii. If the wastewater / sewer main is not flowing, the Town will give consideration to flush the wastewater / sewer main as this could be the cause of any blockage

- iv. If the wastewater / sewer main is flowing, the Town will notify the owner of their responsibility to obtain the services of a plumbing / drain contractor to unblock the service line
- v. The owner is responsible for sourcing the services of a contractor and for the negotiation and settlement of any contractual agreement including all payments due to the contractor. The owner is therefore responsible for all costs incurred for the maintenance / inspection / remedial work from the home / building / premise to the wastewater / sewer main
- vi. It is the responsibility of the owner's contractor to investigate the service line and to determine the cause and location of any malfunction, defect or blockage.
- vii. The contractor shall be responsible for the necessary auguring, snaking and / or flushing of the whole of the service line to the wastewater / sewer main
- viii. If any part of the Town municipal infrastructure is likely to be impacted the Town must be notified prior to any work being done
- ix. If as a result of an initial investigation, by a contractor, it is believed the Town has some or all liability for the blockage, it will be necessary for the owner to have the condition of the service line recorded by use of a video camera. The video recording must be provided to the Town in a format acceptable to the Town for the purpose of reviewing the video footage.
- x. Where a blockage can be proved to be on municipal property the Town will determine if the blockage is caused by physical damage to, or a failure of, the service connection due to faulty installation or ground settlement or deterioration due to the age of the service line. In such cases the blockage will be repaired at no cost to the owner.
- xi. The cost of any malfunction or blockage caused by the owner will be the responsibility of the owner (this includes any damage to the sidewalk, boulevard, curb, gutter, street or the wastewater / sewer main or its connection and any other utility service or infrastructure including the clean potable water system)
- xii. Once the blockage is clear the contractor and / or the owner must report the outcome / findings to the Town.
- xiii. Another inspection will be made of the wastewater / sewer main to determine that the material that caused the blockage has not detrimentally impacted the wastewater / sewer main in any way. If it is necessary to remove foreign material or debris flushed from the service line and thereby introduced into the wastewater / sewer main, then the owner will be held liable for the cost of cleaning / flushing the wastewater / sewer main
- xiv. If it can be accurately determined (without doubt) that the Town has any liability the CAO will consider payment in full or part of any costs incurred by the owner.
- xv. If any repair to the sewer infrastructure is deemed necessary (as a result of the video inspection) then the procedures in section B4

B4 Procedures for Conducting Repairs

In the case where it is proved that there is a shared responsibility between the owner and the Town then the service line is then divided at the point of the property line to portion the responsibility for the cost of the repair (refer to diagram on next page)



* Not standard on all properties.

- i. The owner in conjunction with the Town will liaise together to determine an appropriate plan of work to conduct any repair to the service line
- ii. In the majority cases the whole of the repair work will be conducted by the Town (or its approved subcontractor). This decision will be made solely at the discretion of the CAO
- iii. If a repair is solely on the owner's private property, then the liability for the repair remains solely with the owner

B5

Damage Caused by Tree & Shrub Roots

If a crack or blockage or break occurs in a service line as a result of a root penetration, caused by a tree or shrub located on private property, then the owner is responsible for the cost of making the repair to that portion of the service line.

If damage from a tree or shrub root from a plant on the owner property damages a service line beyond the property line (ie; on municipal land) then the owner is responsible for the full cost of making the repair on both sides of the property line. The Town shall, at the owner's expense clear any blockage and / or make any repair to either the wastewater service line or wastewater / sewer main or any other affected utility service.

If a root problem is likely to exist (into the future), then the Town may have the tree / shrub removed or have the service line protected. This will be done at the owner's expense.

If the owner wishes to have an offending tree or shrub remain on the property, the owner will be required to sign a release agreement (the content of which will be appropriate to the matter).

If it determined that a blockage or repair is needed caused by a tree or shrub located on municipal property, then the cost of any remedial work will be at the Town's expense.

B6

In all cases, in the interest of minimizing any misunderstanding and maintaining harmonious relationships, the owner should liaise directly with the Town on any matter relating to the maintenance, repair or malfunction (including blockages) of a wastewater / sewer main or service lines.

Wastewater & Stormwater Bylaw

SCHEDULE C Prohibited Substances in Wastewater

C1

No person shall, without the prior written approval from the CAO, Release, discharge or deposit the following matter into the Town's Wastewater or Stormwater Systems;

- i. matter which because of its type, temperature, quality or quantity, may or may become a health or safety hazard to any person or which may or may become harmful to the operation of the Wastewater System or the Stormwater System.
- ii. matter which contravenes any Federal, Provincial, Municipal or Regional Commission regulation, code or agreements (this includes any approval, requirement, direction or order issued by Alberta Environment or any other enforcement agency, with respect to the operation of Wastewater / Stormwater System or its discharges)
- iii. a substance that will interfere, or does interfere, with the safe or normal operation or has an adverse effect on the Town's Wastewater / Stormwater Systems
- iv. matter that may cause an offensive odour to emanate from the Wastewater / Stormwater System
- v. subsurface drainage, including weeping tile drainage
- vi. water that has originated from a source separate from the clean potable water system of the Town
- vii. hauled sewage
- viii. matter that is a solvent or petroleum derivative including, but not limited to, gasoline, benzene, naphtha or fuel oil
- ix. matter that is or that contains carbon bisulphide, hydrogen sulphide, ammonia, trichloroethylene, sulphur dioxide or formaldehyde or any other substance as listed in section C2 of this schedule
- x. matter containing dyes or coloring material, or which upon reaction with other matter will significantly discolor the effluent in the Wastewater / Stormwater System
- xi. matter having a PH rating of less than 5.5 or greater than 10.0
- xii. matter containing any paunch manure, intestinal contents from horses, cows, sheep, swine or any other fish or animal, stomach casings, fish scales, bones, hard bristles, hides, manure, poultry entrails, feet or feathers, and fleshing and hair
- xiii. a solid or viscous substance in a quantity, or of such size, as to be capable of causing obstruction to the normal flow of the Wastewater / Stormwater system, including ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animals or animal parts, animal feces and blood
- xiv. matter having a temperature exceeding eighty (80) degrees Celsius
- xv. matter consisting of polluted water, including but not limited to, cooling water, processed water or water from cooling equipment
- xvi. matter generated by garbage grinders unless:
 - a) the matter is generated in preparation of food normally consumed on the premises or
 - b) the customer has approval from the CAO, and the discharge is in accordance with that approval.
- xvii. matter from any holding or septic tank except where the CAO has consented to the discharge or sewage effluent made into a facility owned or operated by the Town and designed to receive such matter
- xviii. matter into a manhole or other opening in the Wastewater System other than through the normal line from the premises on which the wastewater is generated
- xix. wastewater containing a substance that on its own, or in combination with another substance, becomes highly coloured and passes through the Wastewater System, discoloring the effluent

- xx. corrosive or toxic liquids or material that causes or will cause an adverse effect on the normal operation / treatment of the wastewater
- xxi. unused or waste pharmaceuticals or unused or waste chemical substances including hazardous substances & pesticides & biological substances
- xxii. grit, gravel, mud and clay removed from commercial or industrial properties or from interceptors

C2

Wastewater containing the following materials in excess of the following concentrations is restricted (ie; extra strength wastewater).

	Substance	Concentration Limit (mg/L)
1	Aluminium	50
2	Arsenic	0.1
3	Cadmium	0.2
4	Copper	2.0
5	Chloride	1500
6	Chromium	3
7	Cobalt	5
8	Cyanide	1
9	Fluoride	10
10	Iron	50
11	Lead	1
12	Manganese	5
13	Mercury	0.01
14	Molybdenum	5
15	Nickel	2
16	Selenium	1
17	Silver	0.5
18	Sulphate	1500
19	Sulphides	1
20	Thallium	0.5
21	Tin	5
22	Titanium	5
23	Vanadium	5
24	Zinc	3
24	Oil or grease of animal or vegetable origin	300
25	Oil or grease of mineral or petroleum origin	100
26	Biochemical Oxygen Demand	>1000
27	Chemical Oxygen Demand	>9000
28	Total Suspended Solids	1200

C3

It is an offence to release any wastewater or effluent directly into the ground, into the Wastewater or Stormwater System, or release wastewater or effluent in any manner other than that provided for in this Bylaw.

C4

It is an offence to discharge any matter into the Town's Wastewater or Stormwater Systems that originates from a source outside the Town's municipal boundary except where a formal contractual agreement is in place and authorized by the CAO.

C5

Where the Town has agreed to permit the discharge of material this must in accordance with any written agreement, written approval, Town Bylaw, and / or statutory requirement.

C6

Where any matter must be pre-treated or filtered in order to comply with the requirements of this schedule, this will be at the;

- a) sole cost of the person responsible for the pre-treatment / filtration
- b) in a manner or approved method as authorized by the CAO

C7

No person shall discharge any substance or matter which has been diluted in order to achieve compliance with this Bylaw.