

WASTEWATER BYLAW NO. 18-10

TOWN OF STRATHMORE

IN THE PROVINCE OF ALBERTA

Elected Official Initial

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**BYLAW NO. 18-10
TOWN OF STRATHMORE
IN THE PROVINCE OF ALBERTA**

**BEING A BYLAW OF THE TOWN OF STRATHMORE IN THE PROVINCE OF ALBERTA
RESPECTING THE REGULATION AND MANAGEMENT OF WASTEWATER AND THE
WASTEWATER SYSTEM.**

WHEREAS the *Municipal Government Act, being Chapter M-26, of the Revised Statutes of Alberta 2000* 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 Town including Public Utilities, and the enforcement of bylaws including the creation of offences and penalties;

AND WHEREAS Part 3 Division 3 of the Act pertains to Public Utilities;

AND WHEREAS Council wishes to manage Wastewater and the Wastewater System (as defined);

NOW THEREFORE the Council of the Town of Strathmore, in the Province of Alberta, duly assembled, hereby repeals Bylaw No. 95-34 and all amendments thereto and **ENACTS AS FOLLOWS:**

PART 1 - TITLE

1.1 This bylaw may be cited as the "Wastewater Bylaw".

PART 2 – PURPOSE

2.1 The purpose of this bylaw is to:

- (a) address and implement, as appropriate, the authorizations allowed by the Act, the *Private Sewage Disposal Systems Regulation* and any other statutes and related regulations and codes;
- (b) protect and manage the Wastewater System and its processes from damage, obstruction, toxic upset, or loss of efficiency recognizing there are costs resulting from compromising the system and that the *Wastewater and Storm Drainage Regulation* places duties on the Person responsible for the Town's Wastewater System;
- (c) protect the public and the Town's employees, including contract employees, from exposure to hazardous conditions;
- (d) require that a Parcel or a Lot that Releases Wastewater is connected to the Wastewater System;
- (e) control the composition, the flow and the discharge of Wastewater and Substances into the Wastewater System;
- (f) manage the storage, handling, collection and disposal of Wastewater and support the operation of the Wastewater System as a Public Utility;
- (g) establish a level of service for the Wastewater System that enables assessing a fair and objective fee structure for the use of this Public Utility;



- (h) provide for a system of Permits or authorizations that allow conditional Release or no Release of Wastewater into the Wastewater System;
- (i) address and implement, as appropriate, the *Sanitary Sewer Fats, Oils and Grease (FOG) Management Policy No. 4201* and the *Private Wastewater Treatment Facility Prohibition Policy No. 4202*; and
- (j) address such other matters as Council considers necessary.

PART 3 – DEFINITIONS

- 3.1 For purposes of this bylaw, the Definitions in this Part 3 apply.
- 3.2 **“Accredited Laboratory”** means a laboratory accredited by the Canadian Association for Laboratory Accreditation Inc., the Standards Council of Canada, or an accrediting body that is signatory to the International Laboratory Accreditation Cooperation Mutual Recognition Agreement, using the criteria and procedures outlined in *ISO/IEC/EN 17025: 17 General Requirements for the Competence of Testing and Calibration Laboratories*, established by the International Organization for Standardization.
- 3.3 **“Act”** means the *Municipal Government Act, R.S.A. 2000, c. M-26*, as amended.
- 3.4 **“Activities Designation Regulation”** mean the *Activities Designation Regulation, A.R. 276/2003*, as amended.
- 3.5 **“Adverse Effect”** means impairment of, or damage to, any one or more of the following:
 - (a) human health or safety;
 - (b) property;
 - (c) the environment; and
 - (d) the Wastewater System.
- 3.6 **“AEP”** means Alberta Environment and Parks.
- 3.7 **“Applicable Laws”** means all Federal, Provincial and Town statutes, laws, bylaws, regulations, guidelines, standards, approvals, Permits, orders and authorizations applicable to Wastewater, the Wastewater System, a Private Sewage Disposal System, a Private Wastewater Treatment Facility and all other activities undertaken pursuant to this bylaw.
- 3.8 **“Authorized Employee”** means the CAO, the Director, or an employee of the Town authorized by the Director.
- 3.9 **“Biological Substance”** means a material from hospitals, medical or dental clinics, medical or dental laboratories, health care or autopsy facilities, research laboratories, biological research facilities, or from other similar facilities, which cannot be treated to acceptable levels by the Wastewater System, and which may contain either a pathogenic material or an experiential biological material.



- 3.10 **“Biosolids”** means a solid or semi-solid Substance produced from Wastewater treatment processes that may be recycled beneficially.
- 3.11 **“BOD”** or **“biochemical oxygen demand”** means the quantity of oxygen utilized in the oxidation of matter under standard laboratory conditions for 5 days at 20 degrees Celsius, as set out in the Standard Methods.
- 3.12 **“BTEX”** means the total of benzene, toluene, ethyl benzene and xylenes.
- 3.13 **“Building Drain”** means the lowest horizontal piping, as described in the *National Plumbing Code*, that conducts sewage to a Building Sewer.
- 3.14 **“Building Sewer”**:
(a) as described in the *National Plumbing Code* means a pipe that
i. is connected to a Building Drain,
ii. commences 1m outside the wall of a building, and
iii. conveys sewage or Wastewater from the Building Drain to the Wastewater System, or if authorized by the Director, to a Private Sewage Disposal System; and
(b) includes a Site Servicing Installation.
- 3.15 **“CSA B481–Series 12”** means the 2012 edition of the CSA Group’s publication titled *Grease Interceptors*.
- 3.16 **“CAO”** means the Chief Administrative Officer of the Town.
- 3.17 **“Clear Water Waste”** means water originating from sources other than a Wastewater stream and includes the following:
(a) roof and Foundation Drainage;
(b) remediated groundwater;
(c) impounded Storm Drainage or impounded groundwater;
(d) Non-contact Cooling Water; and
(e) a Release as directed by AEP.
- 3.18 **“COD”** or **“chemical oxygen demand”** means the quantity of oxygen utilized in the chemical oxidation of matter as set out in the Standard Methods.
- 3.19 **“Council”** means the Council of the Town of Strathmore.
- 3.20 **“CSA Group”** means the organization known as the CSA Group and accredited by the Standards Council of Canada that provides testing, inspection and certification services.
- 3.21 **“Customer”** means
(a) the Owner, Occupant, lessee, purchaser, or other Person in charge of a Premises whose Premises is connected to the Wastewater System including the Government of Canada or the Government of Alberta; and



- (b) any Person who requests Wastewater Services or has applied to the Town for a Utility Billing Account or is otherwise responsible for paying the Utility Billing Account to the Town for Wastewater Services.
- 3.22 **“Dental Amalgam”** means a material used for dental filling that consists of an amalgam of mercury, silver and other materials such as copper, tin or zinc.
- 3.23 **“Development”** means a development as defined in Part 17 of the Act.
- 3.24 **“Development Permit”** means a development permit issued in accordance with the Town’s *Land Use Bylaw*.
- 3.25 **“Director”** means the Director of Infrastructure, Operations and Development Services or the Director that is responsible for the Town’s engineering and/or infrastructure functions or that Director’s designate.
- 3.26 **“Domestic Wastewater”** means Wastewater generated from a Premises as a result of human habitation or occupation including cooking, cleaning, washing, drinking, hygiene, sanitation or other domestic activity but does not include Wastewater generated by ICI Premises.
- 3.27 **“Dwelling Unit”** means a Development that
- (a) contains 2 or more rooms used or designed to be used as a residence by one or more individuals, and
 - (b) contains a kitchen, living, sleeping, and sanitary facilities.
- 3.28 **“Effluent Meter”** means a device that measures the volume of Wastewater conducted and discharged into the Wastewater System.
- 3.29 **“Emergency”** means an unforeseen combination of circumstances that require immediate action without time for full deliberation, including but not limited to the following:
- (a) events that cause harm or the risk of harm to property or to the health, safety, or welfare of Persons;
 - (b) a failure or possible failure of equipment or the Wastewater System;
 - (c) electrical outages; and
 - (d) orders or directives from the Government of Alberta or the Government of Canada.
- 3.30 **“Engineering and Servicing Standards”**
- (a) means the procedures, standards and specifications respecting the construction of Municipal Improvements, Site Improvements and other infrastructure and facilities as set out in the Town’s current Design Standards and Procedures for Development and Infrastructure at the time of commencement of construction; and
 - (b) for the purposes of this bylaw includes
 - i. the *National Plumbing Code*, and
 - ii. AEP’s *“Standards and Guidelines for Municipal Waterworks, Wastewater and Storm Drainage Systems”*.



- 3.31 **“Environmental Protection and Enhancement Act”** means the *Environmental Protection and Enhancement Act R.S.A. 2000, c. E-12* as amended, and all regulations adopted thereunder.
- 3.32 **“Extra Strength Surcharge Agreement”** means an agreement between the Director and a Person conducting and discharging Wastewater into the Wastewater System that allows the Person to conduct and discharge Extra Strength Wastewater into the Wastewater System.
- 3.33 **“Extra Strength Wastewater”** means Wastewater that contains one or more of the Substances described in Column 1 in Schedule “C” in excess of the concentration limits set for those Substances in Column 2 of Schedule “C”.
- 3.34 **“Fees Bylaw”** means *Bylaw No. 13-21* as amended.
- 3.35 **“Flammable Liquid”** means a Substance that is a liquid, a mixture of liquids, or a liquid containing solids that has a flash point of not more than 61 degrees Celsius as determined by the American Society for Testing Materials method D93-18 for flash point by the Pensky-Martens closed cup tester.
- 3.36 **“FOG” or “Fats, Oils and Grease”** means organic matter extracted by n-hexane using the partition gravimetric procedure set out in the Standard Methods.
- 3.37 **“Food Service” or “Production Facility”** means any Development where food is prepared, cooked, processed or disposed of and that Releases FOG into the Wastewater System including but not limited to
- (a) abattoirs;
 - (b) bakeries including bakeries in grocery stores;
 - (c) Developments that contain a kitchen, prepare food and serve it to attendees, customers or residents including but not limited to
 - i. assisted living facilities, hospitals, schools, and nursing homes,
 - ii. hotels, motels and other facilities where overnight accommodation is provided and food is served,
 - iii. restaurants, take-out food services and catering services,
 - iv. bars and other facilities licensed by the Alberta Gaming and Liquor Commission where food and beverages are consumed,
 - v. catering services, and
 - vi. cafeterias; and
 - (c) manufacturing and processing facilities that produce food for humans or animals but excluding Developments consisting solely of Dwelling Units that lack a common kitchen and dining room that serves more than two Dwelling Units.
- 3.38 **“Foundation Drainage”** means Groundwater collected by a foundation drain, weeping tile, a sump pump or by other similar means.



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- 3.39 **“Full Service Food Vehicle”** means a Motor Vehicle equipped for the storage and preparation of foods and beverages that is used as a mobile facility where food and beverages are offered for sale directly to the public excluding a Motor Vehicle which offers for sale primarily pre-packaged or pre-prepared foods and beverages.
- 3.40 **“Grab Sample”** means a single sample of Wastewater, Clear Water Waste or Groundwater collected at a specific time and at a specific location.
- 3.41 **“Groundwater”** means all water under the surface of the ground, other than Wastewater.
- 3.42 **“Hauled Wastewater”** means Wastewater, FOG or Waste Residue, other than Septage that is transported by a method other than a pipeline to a designated site for disposal into the Wastewater System.
- 3.43 **“Hazardous Substance”** means a Substance that
- (a) is a hazardous material;
 - (b) is a hazardous waste; or
 - (c) has the properties of hazardous waste
- as defined in the *Environmental Protection and Enhancement Act* or the *Waste Control Regulation A.R. 192/1996*, as amended.
- 3.44 **“Holding Tank”** means a tank as described in the *Alberta Private Sewage Systems Standard of Practice, Third Edition 2015*, that is designed to retain Wastewater or “effluent” (as defined in the *Standard of Practice*) until the Wastewater or “effluent” is transferred into mobile equipment for treatment off-site.
- 3.45 **“Hydrocarbons”** means non-polar organic matter extracted by n-hexane using the partition gravimetric procedure set out in the Standard Methods.
- 3.46 **“ICI Premises”** means an industrial, commercial or an institutional Premises and includes a Food Service or Production Facility.
- 3.47 **“Interceptor”** means a type of Wastewater Pre-treatment System or device, approved by the Director that is designed to remove Substances or contaminants from the Wastewater before passing into the Wastewater System.
- 3.48 **“ISO 11143”** means the standard ISO/FDIS 11143:2008 Dentistry–Amalgam Separators established by the International Organization for Standardization.
- 3.49 **“Lot”** means a lot as defined in Part 17 of the Act.
- 3.50 **“Master Servicing Agreement”** means the document, by the same name, between the Town and the City of Calgary whereby the City supplies drinking water to the Town subject to certain terms and conditions.



- 3.51 **“Monitoring Access Point”** means an access point in or on a Premises that allows observing, sampling and measuring the flow of Wastewater entering the Wastewater System and includes but is not limited to a Test Manhole.
- 3.52 **“Motor Vehicle”** means a “motor vehicle” as defined in the *Traffic Safety Act, R.S.A. 2000, c. T-6*.
- 3.53 **“Municipal Improvements”** means the services and facilities constructed on public property, prospective public property or other lands as described in an agreement pursuant to Sections 650, 651 or 655 of the Act.
- 3.54 **“National Plumbing Code”** means the current edition of the *National Plumbing Code of Canada* published by the Canadian Commission on Building and Fire Codes and enacted pursuant to the *Plumbing Code Regulation, A.R. 119/2007*.
- 3.55 **“Non-contact Cooling Water”** means water used in a process for the purpose of removing heat and that has not, by design, come into contact with any additional Substance.
- 3.56 **“Nuclear Safety and Control Act”** means the *Nuclear Safety and Control Act, S.C. 1997, c. 9*, as amended, and all regulations adopted thereunder.
- 3.57 **“Occupant”** means
- (a) an Owner of a Premises if that Owner resides or carries on a business within the Premises; and
 - (b) any Person or corporation, or both, residing or carrying on a business within a Premises either as a lessee or pursuant to a license of occupation.
- 3.58 **“Owner”** means the Person or Persons shown as the Owner or Owners on a certificate of title for a Parcel or a Lot that is registered in the Land Titles Office.
- 3.59 **“Parcel”** means a parcel of land as defined in Part 17 of the Act.
- 3.60 **“PCB” or “polychlorinated biphenyl”** means any of the following:
- (a) a monochlorinated biphenyl;
 - (b) a polychlorinated biphenyl; and
 - (c) any mixture that contains either or both of (a) and (b) above.
- 3.61 **“Peace Officer”** means
- (a) a member of the Royal Canadian Mounted Police; or
 - (b) a Bylaw Enforcement Officer or a Peace Officer of the Town.
- 3.62 **“Permit”** means a form of approval issued in writing by
- (a) the Director in accordance with this bylaw;
 - (b) an Authorized Employee or the Development Authority with the consent of the Director;



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- (c) a Safety Codes Officer, Plumbing Discipline; or
 - (d) a Safety Codes Officer, Private Sewage Discipline.
- 3.63 **“Permit Regulation”** means *Permit Regulation A. R. 204/2007*, enacted pursuant to the *Safety Codes Act*.
- 3.64 **“Person”** means any of the following:
- (a) an individual or individuals;
 - (b) a legal entity or business entity including a firm, association, partnership, society, or corporation; or
 - (c) a trustee, executor, administrator, agent or an employee of either (a) or (b) above.
- 3.65 **“Pesticide”** means a pesticide as defined in and regulated by the *Environmental Protection and Enhancement Act*.
- 3.66 **“Pharmaceutical”** means prescription and non-prescription drugs.
- 3.67 **“Planning Approval”**
- (a) means a Development Permit or a subdivision approval and includes an authorization or requirement pursuant to a condition of a Development Permit or subdivision approval including but not limited to an agreement required pursuant to Sections 650, 651 or 655 of the Act; and
 - (b) may include any other authorization issued pursuant to Section 17 of the Act including but not limited to the adoption of an area structure plan or other statutory plan.
- 3.68 **“Plumber”** means an individual who holds a trade certificate or authorized equivalency in the plumber trade acceptable under the *Apprenticeship and Industry Training Act R.S.A. 2000, c. A-52*, as amended, and the regulations pursuant to that statute.
- 3.69 **“Plumbing System”** means the system of pipes, fittings and valves, including the Building Drain that drain Wastewater from a building into a Building Sewer.
- 3.70 **“Premises”** means a Parcel, a Lot, a building, or all or any part thereof.
- 3.71 **“Private Sewage Disposal System”** means a privately-owned system for the collection, treatment and disposal of Wastewater, and may include a septic tank with an absorption field or other approved means of disposal, regulated by:
- (a) the *Private Sewage Disposal Systems Regulation A.R. 229/1997*, as amended, and noted in Appendix “B”;
 - (b) the *Alberta Private Sewage Systems Standard of Practice, Third Edition 2015*; and
 - (c) the provisions of this bylaw.
- 3.72 **“Private Wastewater Treatment Facility”** means a privately-owned and operated facility other than a Private Sewage Disposal System or a Wastewater Pre-Treatment System that:



- (a) is subject to the *Private Wastewater Treatment Facility Prohibition Policy No. 4202*;
 - (b) stores, treats and disposes of Wastewater,
 - (c) is not part of the Wastewater System, and
 - (d) is subject to approval by AEP pursuant to the *Activities Designation Regulation*.
- 3.73 **“Privy”** means a small building containing a toilet pedestal or bench with a hole or holes as described in the *Alberta Private Sewage Systems Code of Practice, Third Edition 2015*.
- 3.74 **“Prohibited Substance”** means any of the Substances described in Schedule “A” of this bylaw.
- 3.75 **“Provincial Offences Procedure Act”** means the *Provincial Offences Procedure Act, R.S.A. 2000, c. P-34*, as amended.
- 3.76 **“Public Utility”** means a Public Utility as defined in Part 17 of the Act and provided by the Town or on behalf of the Town.
- 3.77 **“Qualified Person”** means a Person who is qualified to determine the truthfulness, accuracy and completeness of information relating to specific subject matter because the Person possesses either one or both of the following:
- (a) a recognized degree, certificate, or professional standing in respect of the subject matter; or
 - (b) extensive knowledge, training and experience in respect of the subject matter.
- 3.78 **“Reclaimed Water”** means Wastewater that has been treated at a Town facility to a specific standard and distributed for a specific use.
- 3.79 **“Radioactive Material”** means a nuclear Substance as defined in the *Nuclear Safety and Control Act*.
- 3.80 **“Release”** means
- (a) to directly or indirectly conduct a Substance into the Wastewater System or a watercourse by spilling, discharging, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means; and
 - (b) a spill, discharge, disposal, abandonment, deposit, leak, seep, pour, drain or emptying of a Substance into the Wastewater System or a watercourse.
- 3.81 **“Remedial Order”** means an order issued pursuant to section 545 of the Act.
- 3.82 **“Restricted Substance”** means a Substance described in Column 1 in Schedule “B” of this bylaw.



- 3.83 **"Return Factor"** means the adjustment factor applied to convert a volume of water, as measured by a Water Meter, into a volume of Wastewater by subtracting the volume of water not returned to the Wastewater System.
- 3.84 **"Safety Codes Act"** means the *Safety Codes Act, c. S-1 R.S.A. 2000*, as amended, and all regulations adopted thereunder, including the *Permit Regulation*.
- 3.85 **"Separator"** means a type of Wastewater Pre-treatment System.
- 3.86 **"Septage"** means sludge that:
- (a) originates from a septic tank that is combined with a treatment field or similar system;
 - (b) consists primarily of solids and may contain floating material including FOG;
 - (c) requires periodic removal from the septic tank by a vacuum truck or similar means; and
 - (d) requires disposal at an authorized treatment facility that is capable of properly treating Septage.
- 3.87 **"Service Connection"** means a service connection as defined in Part 3 Division 3 of the Act provided that it conveys, holds or manages Wastewater and includes:
- (a) a Wastewater Service Connection; and
 - (b) a Site Servicing Installation.
- 3.88 **"Site Improvements"** means the services and facilities constructed on public property, prospective public property or other lands as described in an agreement pursuant to Sections 650, 651 or 655 of the Act.
- 3.89 **"Site Servicing Installation"** means the Building Sewer that:
- (a) is located downstream of a Building Drain and connects to a Wastewater Service Connection, or a Private Sewage Disposal System; and
 - (b) allows Wastewater to be discharged from a Building Drain into the Wastewater System, or a Private Sewage Disposal System.
- 3.90 **"Standard Methods"** means the analytical and examination procedures set out in the current edition of *Standard Methods for the Examination of Water and Wastewater* published jointly by the American Public Health Association, the American Water Works Association and the Water Environment Federation.
- 3.91 **"Storm Drainage"** means runoff resulting from rainfall or other natural precipitation and runoff resulting from melting snow or ice.
- 3.92 **"Storm Drainage System"** means the pipes, swales and other features, fixtures and facilities for collecting, storing, treating, transporting or disposing of Storm Drainage that are owned by the Town including facilities in an easement or a utility right-of-way that allows the Town to install and maintain Public Utilities on a Premises but excluding any pipes or plumbing that serve or are located in or on an Owner's Premises that are not subject to an easement or a utility right-of-way and the attendant utility right-of-way agreement.



- 3.93 **“Street”** means a public roadway within the Town as shown on a plan registered in the Land Titles Office and includes:
- (a) the carriageway, namely that portion of the roadway used and intended to be used by vehicular traffic; and
 - (b) the boulevard, namely the lands beyond the carriageway that may be landscaped and, where applicable, may contain a sidewalk.
- 3.94 **“Substance”** means any one or more of the following:
- (a) any solid, liquid or gaseous matter or combination thereof;
 - (b) any sound, vibration, heat, radiation or other form of energy, or combination thereof; and
 - (c) any combination of (a) and (b) above.
- 3.95 **“Sump”** means a device that traps large, heavy solids from Wastewater before the Wastewater is Released into the Wastewater System or Storm Drainage System.
- 3.96 **“Surcharge Substance”** means a Substance described in Column 1 of Schedule “C” of this bylaw.
- 3.97 **“Test Manhole”** means a type of Monitoring Access Point.
- 3.98 **“Town”** means the Town of Strathmore.
- 3.99 **“Town Water Service”** means the drinking water provided by the Town for public consumption.
- 3.100 **“TKN” or “Total Kjeldahl Nitrogen”** means organically bound nitrogen plus ammonia nitrogen, as determined by procedures approved by the Director.
- 3.101 **“TN” or “Total Nitrogen”** means TKN plus nitrates and nitrites, as determined by procedures approved by the Director.
- 3.102 **“TP” or “Total Phosphorus”** is a measurement of all forms of phosphorus, including orthophosphate, condensed phosphate and organic phosphate, as determined by procedures approved by the Director.
- 3.103 **“TSS” or “Total Suspended Solids”** means an insoluble Substance or Substances in liquid that is removable by filtration, as determined by the appropriate procedure described in the Standard Methods.
- 3.104 **“Violation Ticket”** means a violation ticket as described in and issued pursuant to the *Provincial Offences Procedure Act*.



- 3.105 **"Utilities Rates and Penalties Bylaw"** means the *Utilities Rates and Penalties Bylaw No. 12-06* as amended.
- 3.106 **"Vehicle Service"**
- (a) means any Development where Motor Vehicles, farm implements and construction equipment is lubricated, maintained, repaired, or washed;
 - (b) includes any Development where hydrocarbons, Flammable Liquids, TCC and automotive fluids or lubricants may be conducted and discharged into the Wastewater System or otherwise Released; and
 - (c) includes but is not limited to
 - i. car and truck washes,
 - ii. dealerships or shops servicing, repairing or maintaining automobiles, trucks, recreational vehicles, farm implements and heavy construction equipment,
 - iii. auto body shops, and
 - iv. storage facilities where trucks, oil field equipment and other heavy equipment are stored and serviced.
- 3.107 **"Waste Residue"** means all the Substances removed from Wastewater by a Wastewater Pre-treatment System.
- 3.108 **"Wastewater"** means the composite of water and water-carried Substances Released from a Premises or from any other source including but not limited to sewage.
- 3.109 **"Wastewater Agreement"** means an agreement governing any of the following conditions related to:
- (a) the Release of Wastewater from a Premises into the Wastewater System; or
 - (b) connecting a Premises to the Wastewater System.
- 3.110 **"Wastewater and Storm Drainage Regulation"** means the *Wastewater and Storm Drainage Regulation A. R. 110/1993*, as amended.
- 3.111 **"Wastewater Charge"** means a charge levied pursuant to the provisions of this bylaw that:
- (a) is based on a 30-day period where the amount billed is determined by dividing the applicable charge by 30 to derive the daily rate and multiplying the daily rate by the actual number of days in the billing period; and
 - (b) does not include a Wastewater Surcharge.
- 3.112 **"Wastewater Information Report"** means a report containing information for the purpose of evaluating Wastewater Released from an ICI Premises.
- 3.113 **"Wastewater Main"** means a pipe specifically designed for conveying Wastewater and installed in:
- (a) a Street;



- (b) a Public Utility Lot shown on a plan of subdivision and described with the suffix “PUL”;
or
- (c) a utility right-of-way or easement that allows the Town to install and maintain Public Utilities

which forms part of the Wastewater System and conveys Wastewater from a Wastewater Service Connection downstream to a Wastewater treatment plant and the attendant outfall.

- 3.114 **“Wastewater Pre-treatment System”** means a treatment system or device other than a Private Wastewater Treatment Facility that is designed to remove Substances or contaminants from Wastewater produced from a Premises before that Wastewater passes into the Wastewater System and may include Interceptors, Separators, Sumps, screens and facilities designed by a Professional Engineer to the satisfaction of the Director.
- 3.115 **“Wastewater Service Connection”** means that portion of the pipe and related hardware commencing at the Wastewater Main and terminating at or near the property line of the Parcel that allows Wastewater from the Parcel to be delivered into the Wastewater System.
- 3.116 **“Wastewater Services”** means a Public Utility operated by the Town for the treatment of Wastewater including the Wastewater System.
- 3.117 **“Wastewater Surcharge”** means an additional charge levied pursuant to the provisions of this bylaw.
- 3.118 **“Wastewater System”** means the system for the collection, transmission, treatment and disposal of Wastewater owned and operated by the Town that includes but is not limited to the Wastewater Mains, the Wastewater treatment plant and the pipeline terminating and discharging at the outfall.
- 3.119 **“Water Main”** means a Town Water Main as defined in the *Water Utility Bylaw*.
- 3.120 **“Water Meter”** means a measuring device approved by the Director and owned by the Town that is designed to measure the quantity of water used by a Customer or Occupant other than an Auxiliary Water Meter as described in the *Water Utility Bylaw*.
- 3.121 **“Water Service Valve”** means the Town-owned water valve as described in the *Water Utility Bylaw*.
- 3.122 **“Water Utility Bylaw”** means the *Water Utility Bylaw No. 18-06*.

PART 4 – INTERPRETATION AND COMPLIANCE WITH OTHER LAWS

General

- 4.1 All schedules, forms, tables and diagrams attached to this bylaw form part of this bylaw.



BYLAW NO. 18-10
OF THE TOWN OF STRATHMORE
IN THE PROVINCE OF ALBERTA

- 4.2 The Appendices, all headings, sub-headings and the Table of Contents in this bylaw are included for guidance and convenience only and do not form part of this bylaw.
- 4.3 Any contract between the Town and a Customer with respect to treating Wastewater must be subject to this bylaw.
- 4.4 A word or expression and grammatical forms of the same word or expression have corresponding meanings.
- 4.5 Where this bylaw cites or refers to any other act, regulation, bylaw, code, or publication, the citation or reference is to any of these documents as amended and includes reference to any document that may be substituted in its place.
- 4.6 If one or more provisions of this bylaw are found to be improperly enacted or declared to be invalid for any reason then such provision must be regarded as severable from the bylaw and all remaining provisions of this bylaw remain in full force and effect.
- 4.7 This bylaw uses the metric system for measuring volumes and other quantities.
- 4.8 Nothing in this bylaw relieves a Person from complying with any provision of any federal or provincial law or regulation, other bylaw or any requirement of any lawful permit, order or licence.

Bylaw Prevails Over Policy

- 4.9 Unless an action or provision in this bylaw is compulsory, this bylaw must be considered in conjunction with, and may be guided by policies and procedures as adopted and amended by Council from time to time, but in the case of any conflict between this bylaw and the *Private Wastewater Treatment Facility Prohibition Policy No. 4204*, this bylaw governs.

PART 5 – STATUTES AND THE NATIONAL PLUMBING CODE PREVAIL

General

- 5.1 Subject to Section 5.2 and the provisions of this bylaw, any action carried out by an Authorized Employee pursuant to this bylaw must be subject to or guided by, as appropriate:
- (a) Part 3 Division 3 of the Act;
 - (b) the *Environmental Protection and Enhancement Act*, and
 - (c) the *National Plumbing Code* recognizing that aspects of its applicability are described in Appendix “A”.

Service Connections Must Comply With This Bylaw

- 5.2 Service Connections, having regard to the Act, must comply with the provisions of this bylaw, despite any provision to the contrary.



PART 6 – COMPULSORY CONNECTION TO THE WASTEWATER SYSTEM

Obligation to Connect

- 6.1 Unless exempted by Section 6.3, a Parcel must be connected to the Wastewater System if a Development on the Parcel, the use of the Parcel, or the use of a building on the Parcel:
- (a) produces or Releases Wastewater; or
 - (b) is connected or will be connected to the Town Water System.

Remove Private Sewage Disposal System if Connected to the Wastewater System

- 6.2 Subject to Section 16.3, if a Parcel is connected to the Wastewater System, a Private Sewage Disposal System on that Parcel must be removed, decommissioned, or rehabilitated, as appropriate, to the satisfaction of the Director and such removal, decommissioning or rehabilitation must include all of the following, if applicable, as described in the *Alberta Private Sewage Systems Standard of Practice, Third Edition 2015*:
- (a) Holding Tanks and septic tanks;
 - (b) packaged sewage treatment plants;
 - (c) treatment fields and treatment mounds;
 - (d) LFH (litter, fermented, humic) at-grade systems;
 - (e) open discharge systems;
 - (f) wastewater or effluent lagoons;
 - (g) sand filters and gravel filters;
 - (h) Privies, other than self-contained, portable Privies; and
 - (i) any pipes, vents or hardware related to the above.

Exemptions to Compulsory Connection to the Wastewater System

- 6.3 The exemption referred to in Section 6.1 above applies to a Parcel that complies with all of the following criteria:
- (a) the Parcel is not connected to the Town Water System;
 - (b) the Parcel does not adjoin a Street, a utility right-of-way or a Public Utility Lot that contains a Wastewater Main or a Water Main and the closest Wastewater Main and Water Main are located at least 150m from the property line of the Parcel;
 - (c) the Parcel contains an existing farmstead or similar rural Development that existed on the date this bylaw was passed and is serviced by a Private Sewage Disposal System;
 - (d) the Parcel is not subject to a servicing requirement, due to any the following, that requires the Parcel to connect either to the Town Water System or to the Wastewater System, or both:
 - i. a Planning Approval or prospective requirements arising from an application for Planning Approval; or
 - ii. the requirements of a statutory plan as described in Part 17 of the Act;
 - (e) the Parcel, if vacant, is capable of being serviced by a Private Sewage Disposal System; and



- (f) Development on the Parcel consists of not more than of 2 Dwelling Units if the Parcel contains at least 1.2 ha and not more than of 3 Dwelling Units if the Parcel contains 30 ha or more.

PART 7 – ALLOWABLE PRIVATE SEWAGE DISPOSAL SYSTEMS

General

- 7.1 This Part does not apply to Private Wastewater Treatment Facilities as defined in this bylaw and regulated in Part 15.
- 7.2 A Private Sewage Disposal System located on a Parcel must not:
- (a) treat any Wastewater unless the Wastewater originates solely from that Parcel; and
 - (b) be connected to any other Parcel by a pipeline or other conveyance so that Wastewater from any other Parcel may be treated by the Private Sewage Disposal System.
- 7.3 In all cases, and subject to Section 12.2, a proposal to construct and use a Private Sewage Disposal System must be referred to the Director for consideration and approval before any authorization or Permit to construct and operate such a system is issued by a Safety Codes Officer pursuant to the *Permit Regulation* or the *Safety Codes Act*.

Allowable Private Sewage Disposal Systems on Private Rural Properties

- 7.4 If a Parcel is exempted from connecting to the Wastewater System pursuant to Section 6.3, a Private Sewage Disposal System may be allowed on that Parcel provided that the system:
- (a) is not located on a Parcel owned by the Town;
 - (b) is approved by
 - i. the Director in accordance with Section 7.3 and authorized by a Permit issued or required pursuant to the *Permit Regulation* or the *Safety Codes Act*, and
 - ii. if applicable, the terms and conditions of a Planning Approval;
 - (c) consists of any one or more of the following:
 - i. a Holding Tank,
 - ii. a septic tank,
 - iii. a treatment field,
 - iv. a packaged sewage treatment plant, subject to Section 7.5 below, and
 - v. a Privy, subject to Section 7.6; and
 - (d) must not include any of the following:
 - i. treatment mounds,
 - ii. LFH (litter, fermented, humic) at-grade systems,
 - iii. open discharge systems,
 - iv. wastewater or effluent lagoons,
 - v. sand filters, and
 - vi. gravel filters
- all as described in the *Alberta Private Sewage Systems Standard of Practice, Third Edition 2015*.



- 7.5 If a packaged sewage treatment plant is approved pursuant to Section 7.4 that plant, unless otherwise required by the Director:
- (a) must be used in conjunction with a septic tank and a treatment field; and
 - (b) may be addressed in a Planning Approval to the satisfaction of the Director.
- 7.6 The Director may require that a Privy that is approved pursuant to Section 7.4 be equipped with a waterproof vault so that Wastewater from the Privy can be hauled by a tanker to the Wastewater System.

Allowable Private Sewage Disposal Systems on Town-Owned Lands

- 7.7 A Private Sewage Disposal System:
- (a) may be located on a Parcel owned by the Town if
 - i. the Parcel is exempted from connecting to the Wastewater System in accordance with Section 6.3;
 - ii. the Private Sewage Disposal System consists solely of one or more of the following thereby allowing Wastewater to be hauled by a tanker to the Wastewater System:
 - (A) a Holding Tank,
 - (B) a water-tight septic tank, or
 - (C) a Privy equipped with a waterproof vault; and
 - (b) must not include or involve a tank, treatment field, lagoon or any other system that discharges, conveys or directs Wastewater onto the surface of the Parcel or into the subsurface of the Parcel.

PART 8 - OBLIGATIONS OF THE OWNER

Site Servicing Installations & Wastewater Service Connections

- 8.1 If a Wastewater Service Connection is provided or continued to a Parcel pursuant to this bylaw, the Owner of that Parcel must do all of the following:
- (a) provide a Site Servicing Installation from the Wastewater Service Connection to the Owner's Plumbing System;
 - (b) ensure that the Site Servicing Installation complies with this bylaw;
 - (c) ensure that the Site Servicing Installation and the Owner's Plumbing System comply with the *Safety Codes Act* and associated regulations including the *Plumbing Code Regulation* and the *National Plumbing Code*; and
 - (d) ensure that any Permits, inspections or approval required pursuant to the *Safety Codes Act*, the *Environmental Protection and Enhancement Act*, or any bylaw or any other Applicable Laws, have been conducted or obtained and are valid and subsisting prior to connecting a Site Servicing Installation to a Wastewater Service Connection.
- 8.2 If a Wastewater Service Connection is not provided to a Parcel or a Lot and a Wastewater Service Connection is:
- (a) required in accordance with a Planning Approval; or



- (b) required in order to connect the Parcel or Lot to the Wastewater System, in accordance with Section 6.1
then the Wastewater Service Connection must be installed to the satisfaction of the Director and the Owner of the benefitting Parcel or Lot is responsible for all of the costs of installing the Wastewater Service Connection in accordance with Section 16.3.
- 8.3 If a Wastewater Service Connection is not provided to a Parcel or a Lot and a Wastewater Service Connection is requested by the Owner of the Parcel or the Lot, an Authorized Employee may authorize the installation of the Wastewater Service Connection provided that:
- (a) the installation is to the satisfaction of the Director; and
 - (b) the Owner of the Parcel or the Lot is responsible for all the costs of installing the Wastewater Service Connection in accordance with Section 16.3.
- 8.4 A Customer or Owner is responsible for all of the following in respect to a Site Servicing Installation on the Customer's or Owner's Parcel:
- (a) maintaining a Site Servicing Installation in good repair;
 - (b) protecting it from freezing; and
 - (c) repairing or replacing a defective, incomplete, non-compliant or non-functioning Site Servicing Installation including but not limited to the following:
 - i. any break or leak,
 - ii. a frozen pipe or fitting or an otherwise plugged pipe,
 - iii. an improper, a non-compliant or an incomplete installation, and
 - iv. a structural failure and any other deficiency in a Site Servicing Installation.
- 8.5 A Customer or Owner must protect the Wastewater System, a Wastewater Service Connection and a Site Servicing Installation on or adjacent to the Customer's or Owner's Parcel by:
- (a) taking action to protect these facilities and installations when requested by an Authorized Employee; and
 - (b) removing trees and shrubs on the Parcel if the roots
 - i. may block or damage these facilities or installations; or
 - ii. have blocked or damaged these facilities or installations.

Director Must be Notified if Owner Discontinues Wastewater Service Connection

- 8.6 The Owner of a Parcel that is serviced by a Wastewater Service Connection must notify the Director in writing if the Wastewater Connection to that Parcel is being discontinued subject to Sections 16.1, 16.2 and 16.3.

Wastewater Service Connection No Longer Required

- 8.7 If a Wastewater Service Connection is no longer required to service a Parcel, or if a Parcel no longer requires Wastewater Service, the Director may require that the Wastewater Service Connection be removed or sealed at the Owner's sole expense and upon such conditions as the Director considers reasonable and appropriate subject to Section 16.3.



Wastewater Service Connection Replacement – Redevelopment or Intensification of Parcel

- 8.8 If a Parcel is being redeveloped, a Wastewater Service Connection that services that Parcel must be replaced at the Owner's expense unless the Director determines that the existing Wastewater Service Connection is satisfactory and may be reused subject to Section 16.3.
- 8.9 If a Parcel is the subject of further Development, the Director may require that the existing Wastewater Service Connection serving that Parcel be replaced at the Owner's expense to service all the Development on the Parcel subject to Section 16.3.

Owner Responsible for Costs – Including Damage to Wastewater System and Blockage

- 8.10 In addition to the costs described in Section 16.3 and elsewhere in this bylaw, the Owner of a Parcel is responsible for all costs associated with any of the following:
- (a) the implementation of any measures taken, or required to be taken, by either the Owner or the Town to meet the requirements of this bylaw;
 - (b) damage or harm to the Wastewater System or a Wastewater Service Connection resulting from the Owner's contravention of the requirements of this bylaw; and
 - (c) removing blockages in the Wastewater System or in the Wastewater Service Connection if such blockages originate from the Owner's Premises.

Root Damage to Wastewater System or Service Connection & Site Servicing Installation

- 8.11 An Authorized Employee, further to Section 8.5, may request the Owner of a Parcel to remove one or more trees and shrubs from the Parcel if the roots from those trees or shrubs:
- (a) have caused damage to, or have caused a blockage in the facilities described in Section 8.12; or
 - (b) may cause damage to, or a cause a blockage in the facilities described in Section 8.12 in the opinion of an Authorized Employee,
- recognizing that periodic or frequent mechanical removal of roots may relieve blockages but may also damage these facilities depending on their age and construction.
- 8.12 The facilities referred to in Sections 8.11 and 8.13 include the following:
- (a) a Site Servicing Installation on or adjacent to a Parcel; and
 - (b) any portion of the Wastewater System or a Wastewater Service Connection adjacent to the Parcel.
- 8.13 Subject to Part 22, an Authorized Employee may issue a Remedial Order to the Owner of a Parcel requiring the Owner to remove trees and shrubs from the Parcel if:
- (a) the Owner was requested by an Authorized Employee to remove the trees or shrubs pursuant to Section 8.11 and Owner failed to remove the trees or shrubs;
 - (b) the roots of the trees or shrubs
 - i. have damaged any of the facilities described in Section 8.12 and the Town has incurred expense in repairing or replacing any of these facilities;



- ii. have caused a blockage in or damage to any of the facilities described in Section 8.12 and this blockage has affected adjacent Premises; or
- iii. risk damaging or blocking any of the facilities described in Section 8.12; or
- (c) the Town risks incurring costs to repair or replace any of the facilities described in Section 8.12 due to root damage.

Owner's Obligation to Report Non-Compliance

- 8.14 A Person is required to report to the Town any connections or equipment located in or on a Premises that do not comply with the requirements of the *Safety Codes Act* or this bylaw.

PART 9 – OWNERSHIP OF WASTEWATER SERVICE CONNECTION & LIMITATION ON THE TOWN'S LIABILITY

- 9.1 Subject to Section 9.2, the Town assumes ownership and responsibility for the routine repair and maintenance of a Wastewater Service Connection within:
- (a) the right-of-way of a Street; and
 - (b) a utility right-of-way or easement if an agreement in respect to the utility right-of-way or easement is registered against a certificate of title and that agreement authorizes the Town to install and maintain Public Utilities within the right-of-way or easement.
- 9.2 The Town does not assume ownership and responsibility for the routine maintenance and repair of a Wastewater Service Connection unless the Town has assumed full ownership of the Wastewater Service Connection by reason of the terms and conditions of an agreement pursuant to Sections 650, 651 and 655 of the Act, including the Town's final acceptance of the facility and any related Municipal Improvements or Site Improvements and the expiry of any warranty period for the facility and any related improvements.
- 9.3 The Town does not assume responsibility for the costs of repair or replacement of a Wastewater Service Connection that is damaged by a Person in contravention of this bylaw.
- 9.4 The Town is not liable for damages or loss suffered by any Person due to the operation of the Wastewater System, unless such damages or loss are shown to be directly due to the negligence of the Town or its employees, and without limiting the generality of the foregoing, the Town will not be liable for damages or loss resulting from any of the following:
- (a) the settlement of an excavation or trench made for the purpose of installing, maintaining or repairing any part of the Wastewater System, or any damage or loss resulting from that settlement;
 - (b) a break of a Wastewater Main or a Wastewater Service Connection;
 - (c) the disruption of the Wastewater System when the disruption is necessary for the repair or maintenance of the Wastewater System; or
 - (d) the disruption of the Wastewater System in the event of an Emergency.



PART 10 - SERVICING OF LOTS, PARCELS AND BARE LAND UNITS

- 10.1 Subject to Section 40 and other provisions of the Act, and subject to Part 16 and to other provisions of this bylaw, the following rules apply to the servicing of Lots and Parcels if the Lot or Parcel requires Town Water Service, a connection to the Wastewater System, or both:
- (a) As a general rule, a single and separate Wastewater Service Connection must be provided for each Lot unless
 - i. two or more Lots are contained in a certificate of title and separate titles for those Lots cannot be issued without subdivision approval by the Town's Subdivision Authority pursuant to Part 17 of the Act; and
 - ii. the Director is satisfied that there is no imminent or pending application for a Development Permit or a subdivision application that on approval would require separate services for each Lot; or
 - iii. the Parcel or Lot does not require Town Water Service or a connection to the Wastewater System because the use and Development of the Parcel or Lot does not require either of these Public Utilities, a supply of drinking water or a Private Sewage Disposal System; and
 - (b) A bare land unit on a condominium plan must be treated as a Lot and requires one and only one Wastewater Service Connection unless the condominium plan is intended solely as a phasing plan that will be cancelled on completion of a Development containing 2 or more buildings.
- 10.2 The Director may vary the rules in Section 10.1(b) above to ensure that upon final arrangement or configuration, each bare land unit is separately serviced, subject to more detailed requirements in the Engineering and Servicing Standards if applicable.

PART 11 - REQUIREMENTS RESPECTING PERMITS, APPROVALS AND AGREEMENTS

General

- 11.1 If an Authorized Employee or the Development Authority issues a Permit, a Planning Approval, or any written agreement or other written approval pursuant to this bylaw, that Permit, Planning Approval, agreement or other approval must be available for inspection on the request of the Authorized Employee or the Development Authority.
- 11.2 A Person is guilty of an offence pursuant to this bylaw if the Person does any one or more of the following:
- (a) contravenes a requirement of the Director;
 - (b) contravenes a requirement or condition of a written approval or Permit issued by the Director; or
 - (c) contravenes a requirement or condition of an agreement entered into by the Director with the Person.



- 11.3 Every Person who relies on a Permit, or a written approval issued pursuant to this bylaw has the onus of proving that they are the holder of a valid and subsisting Permit or approval.

Contract or Approval for Wastewater Services Is Non-Transferable

- 11.4 If the Director requires an Owner of a Premises to enter into a contract or to obtain an approval prior to discharging Wastewater from a Premises into the Wastewater System, that contract or approval is not transferable to any other Person or Owner unless otherwise stated in the contract or the approval.

PART 12 – AUTHORITY OF THE DIRECTOR

General Authority of the Director

- 12.1 The Director is responsible for providing Wastewater Services and related and supplementary services within the Town in accordance with this bylaw and the Director may:
- (a) take such actions as the Director considers reasonable and appropriate to
 - i. support the purpose of this bylaw, and
 - ii. support and implement the *Sanitary Sewer Fats, Oils and Grease (FOG) Management Policy No. 4201* and the *Private Wastewater Treatment Facility Prohibition Policy No. 4202*;
 - (b) carry out any inspection to determine compliance with this bylaw;
 - (c) take any steps to carry out any action required to enforce this bylaw or to remedy a contravention of this bylaw;
 - (d) establish forms for the purpose of this bylaw;
 - (e) issue Permits or authorizations with such terms and conditions as the Director considers appropriate in accordance with this bylaw;
 - (f) establish standards, guidelines and specifications for the design, construction, maintenance and operation of the Wastewater System including Wastewater Service Connections, subject to Applicable Laws;
 - (g) undertake measures that provide assurance that Site Servicing Installations comply with the *Safety Codes Act* and related regulations including the *Plumbing Code Regulation* and the *National Plumbing Code*;
 - (h) establish the form, format and information required for an application or an authorization to construct, connect, disconnect, remove, replace, alter or repair a Wastewater Service Connection or matters related thereto;
 - (i) require such information as the Director considers reasonable and appropriate before issuing a Permit or other authorization;
 - (j) require the Owner of a Premises to
 - i. enter into a contract with the Town for the provision of Wastewater Services to the Premises, and
 - ii. submit an application for the provision of Wastewater Services to the Premises and obtain approval from an Authorized Person before any Wastewater is Released from the Premises into the Wastewater System;



- (k) require a Person to enter into a Wastewater Agreement with the Town prior to releasing any Wastewater from a Premises into the Wastewater System
 - i. if the Director requires that Person to submit a Wastewater Information Report to the Director, or
 - ii. in such other circumstances as the Director considers appropriate;
 - (l) require a Person to indemnify the Town and any Authorized Employees, contactors, servants or agents of the Town for the provision of Wastewater Services to a Parcel; and
 - (m) do anything allowed by law that is incidental to the performance of the Director's duties and functions under this bylaw.
- 12.2 The Director must take reasonable and appropriate actions to ensure that:
- (a) a proposed Development that proposes or requires a Private Sewage Disposal System is given full consideration before any Planning Approval for that Development is issued;
 - (b) the requirements of this bylaw or an authorization or approval granted by an Authorized Employee are addressed in the consideration of a Planning Approval;
 - (c) the servicing of land and Planning Approvals are coordinated;
 - (d) the requirements of this bylaw are implemented through the appropriate and applicable
 - i. Planning Approval,
 - ii. Permits issued pursuant to the *Safety Codes Act* and the *Permit Regulation*, and
 - iii. any authorizations required by the *Environmental Protection and Enhancement* and any associated Regulations.
- Director May Suspend or Withdraw Approval or Authorization**
- 12.3 If the circumstances described in Section 12.4 arise, the Director may suspend or withdraw any approval or authorization that allows:
- (a) Wastewater or a Release from a Parcel to enter the Wastewater System, or
 - (b) a Parcel to be connected to the Wastewater System.
- 12.4 The circumstances referred to in Section 12.3 that allow the Director to suspend or withdraw an approval or authorization include the following:
- (a) if the Director determines that any of the construction, installation, or work that connects the Parcel to the Wastewater System is not in accordance with the provisions of this bylaw; or
 - (b) if the Director determines that false information was provided in an application for
 - i. a Permit,
 - ii. an authorization that allows a Parcel to be connected to a Wastewater Service Connection, or
 - iii. an authorization that allows a Parcel to Release into the Wastewater System.
- 12.5 If the Director suspends or withdraws an approval or authorization pursuant to Sections 12.3 and 12.4, the Person who made the connection or that Person's successors in interest have no right to demand or claim damages in consequence of the suspension or withdrawal of such approval or authorization.



Power to Delegate Authority

- 12.6 The Director may delegate any or all of the powers granted to the Director under this bylaw to an Authorized Employee.

Disconnections and Actions to Prevent a Release

- 12.7 If a Release from a Parcel has an Adverse Effect or may continue to have an Adverse Effect, the Director in addition to any other remedies authorized by this bylaw may:
- (a) take any action that is required to prevent a Release from entering the Wastewater System, including shutting off, disconnecting or sealing off a Wastewater Service Connection or any pipeline that carries Wastewater from the Parcel from which the Release is made; and
 - (b) continue any action taken under Subsection 12.7(a) above until the Owner of the Parcel produces sufficient evidence, as may be required by the Director, that a Release having an Adverse Effect will not be conveyed, directed or discharged in any manner from the Parcel into the Wastewater System.
- 12.8 If a Release from a Parcel enters the Wastewater System and that Release has an Adverse Effect on the Wastewater System, then the Owner of that Parcel is responsible for all costs associated with the Director's actions taken pursuant to Section 12.7.
- 12.9 If any of the circumstances described in Section 12.10 arise, the Director may
- (a) disconnect, seal or shut off at the property line of a Parcel:
 - i. the Wastewater Service Connection to that Parcel, or
 - ii. any pipeline that carries Wastewater from that Parcel to the Wastewater System; and
 - (b) continue to disallow and prevent Wastewater from that Parcel from entering the Wastewater System.
- 12.10 The Director may take action as identified in Section 12.9 in any of the following circumstances:
- (a) an unsafe condition exists;
 - (b) the Director determines that false information was provided in an application for
 - i. a Permit,
 - ii. an authorization that allows a Parcel to be connected to a Wastewater Service Connection, or
 - iii. an authorization that allows a Parcel to Release into the Wastewater System;
 - (c) the Owner of a Parcel disallows the installation of an Effluent Meter, a Water Meter or other equipment that the Director requires to be installed in a location on the Owner's Premises; or
 - (d) the Owner of the Parcel fails to comply with a term or condition of
 - i. an agreement respecting Wastewater or other written approval issued pursuant to this bylaw,



- ii. a Planning Approval, or
- iii. a Permit.

Recovery of Overdue Accounts

- 12.11 If a Person defaults on full payment of:
- (a) works carried out by the Town pursuant to this bylaw; or
 - (b) a Utility Billing Account together with any penalties in that account as prescribed in the applicable Schedule of the *Utilities Rates and Penalties Bylaw*, or in a bylaw that supersedes the *Utilities Rates and Penalties Bylaw*
- the Director may enforce the collection of an account that is overdue by 75 days or more by carrying out any of the actions described in Section 12.12 below.
- 12.12 If a Parcel or a Lot is connected to the Wastewater System, the Director may take the following actions to enforce collection of an account that is in arrears as described in Section 12.11 above:
- (a) disconnect, seal or shut off at the property line of the Parcel or the Lot
 - i. the Wastewater Service Connection to that Parcel or Lot, or
 - ii. any pipeline that carries Wastewater from that Parcel or Lot to the Wastewater System;
 - (b) bring an action against the Person in a court of competent jurisdiction; and
 - (c) enter the unpaid account on the assessment and tax roll of the Parcel or Lot.

PART 13 – RATES AND FEES

Authority of Council

- 13.1 Council must set the rates and fees for Wastewater charges payable to the Town for the provision of Wastewater Service provided by the Town to an Owner of a Premises and such charges and rates:
- (a) unless otherwise required by Council must be established in the *Fees Bylaw*;
 - (b) may include but are not limited to
 - i. fixed charges,
 - ii. rates based on the volume of Wastewater produced by a Premises, or the volume of Town Water Service consumption,
 - iii. fixed charges and rates for Wastewater originating outside the boundaries of the Town and treated by the Wastewater System,
 - iv. Wastewater Surcharges including fixed charges and rates for servicing Extra Strength Wastewater and Septage,
 - v. fixed charges and rates for servicing Hauled Wastewater,
 - vi. fixed charges and rates for the supply and use of Reclaimed Water,
- other matters as Council considers necessary; and
- (c) may be established for a period of up to 4 years and include annual adjustments.



- 13.2 Council may establish fees, charges and rates for any of the matters described in Sections 13.4 and 13.5, or Council may authorize the Director to establish these fees, charges and rates.

Authority of the Director

- 13.3 The Director:
- (a) must review and make recommendations to Council respecting the charges and rates described in Section 13.1 above; and
 - (b) if these charges and rates expire on a certain date, the Director must complete the review before that date, whenever practicable.
- 13.4 The Director:
- (a) may make recommendations to Council respecting charges, fees and rates; or
 - (b) subject to Section 13.2, may establish charges, fees and rates
- for all the products and services provided pursuant to this bylaw including any or all of the products and services described in Section 13.5.
- 13.5 The products and services referred to in Section 13.4 include any or all of the following:
- (a) fees for the administration and enforcement of this bylaw;
 - (b) fees for inspections, Wastewater Service Connections, reconnections and disconnections;
 - (c) fees for equipment rentals, or replacement or relocation of equipment;
 - (d) service fees for site visits, maintenance, testing and repairs; and
 - (e) fees for the collection of fees owned for any of matters described in (a), (b), (c) and (d) above.
- 13.6 The Director may:
- (a) make recommendations to Council in respect to establishing a system for the billing and collection of any rates, charges and fees in connection with the Wastewater System; and
 - (b) establish charges, fees and rates for any work done or for service or material supplied for the construction, installation, connection, disconnection or replacement of any of the following:
 - i. any part of the Wastewater System, including a Wastewater Service Connection, and
 - ii. any part of Site Servicing Installation including a Plumbing System located on private property, in the case of an Emergency or in other circumstances as determined by the Director, recognizing that a Site Servicing Installation is located on private property and is the responsibility of the Owner of that property.

PART 14 – WASTEWATER DISPOSAL

Wastewater Release

- 14.1 The Owner of a Premises must dispose of Wastewater originating from the Owner's Plumbing System in the Premises into one of the following:
- (a) the Wastewater System, or
 - (b) a Private Sewage Disposal System subject to Parts 6 and 7 of this bylaw.
- 14.2 A Person must not Release
- (a) Wastewater unless the Release is in accordance with this bylaw; and
 - (b) any Substance into a Plumbing System unless that Plumbing System is connected to either the Wastewater System or a Private Sewage Disposal System.

Clear Water Waste and Storm Drainage Release into the Wastewater System

- 14.3 A Person must not Release, or allow to be Released any Clear Water Waste or Storm Drainage into the Wastewater System unless
- (a) the Person obtains a Permit or a written authorization from the Director to Release Clear Water Waste or Storm Drainage into the Wastewater System; or
 - (b) the Clear Water Waste is Foundation Drainage or Storm Drainage that is conveyed to the Wastewater System via a pipe or connection that was installed before 1995.
- 14.4 If a Parcel is redeveloped or otherwise requires a new Site Servicing Installation or a new Wastewater Service Connection, any new Development and any related plumbing system and any new Site Servicing Installation or a new Wastewater Service Connection must be designed so that Clear Water Waste and Storm Drainage is not directed into the Wastewater System via a Building Sewer, a Site Servicing Installation or by other means unless the Director authorizes
- (a) such Release in accordance with Section 14.3(a) above; and
 - (b) the installation of a "*combined building sewer*" as described in the *National Plumbing Code*.

PART 15 – GENERAL PROHIBITIONS

No Access to the Town's Wastewater System Without Approval

- 15.1 A Person must not, without prior approval from the Director uncover, open into, break, alter, remove, damage, destroy, or tamper with, or allow the uncovering, opening into, breaking, altering, removing, damaging, destroying or tampering with any of the following:
- (a) any part of the Wastewater System,
 - (b) a Monitoring Access Point, and
 - (c) any permanent or temporary device installed in or on the Wastewater System for the purposes of measuring the flow of Wastewater, sampling or testing Wastewater, or preventing contamination.

- 15.2 A Person must not:
- (a) obstruct or prevent access to a Monitoring Access Point;
 - (b) act in a manner that obstructs or prevents access to a Monitoring Access Point; or
 - (c) allow access to a Monitoring Access Point to be obstructed in any manner including but not limited to an obstruction cause by
 - i. parking a Motor Vehicle or a trailer,
 - ii. enclosing a Monitoring Access Point,
 - iii. building, erecting or placing anything on or near a Monitoring Access Point,
 - iv. allowing water, snow, ice, rubbish or other material to accumulate on or near a Monitoring Access Point, or
 - v. planting trees or shrubs on or near a Monitoring Access Point.
- 15.3 A Person must not enter any building, chamber or a Premises containing parts or a portion of the Wastewater System without prior approval from an Authorized Employee.
- 15.4 If a Person contravenes the requirements of this bylaw, and that contravention results in damage or harm to the Wastewater System, that Person must compensate the Town for the cost of repair or replacement of any part, or parts, of the Wastewater System that the Person damaged or harmed.

Wastewater Reuse

- 15.5 Wastewater must not be reused for any purpose without written approval of the Director and the Director:
- (a) must consult with a Safety Codes Officer, Plumbing and may consult with Qualified Persons before issuing an approval;
 - (b) may impose conditions on the reuse of Wastewater including but not limited to the following:
 - i. the types of applications for which Wastewater may or may not be used, and
 - ii. requirements for reporting on applications, risks, volumes, and the timing of applications and any other information; and
 - (c) prior to issuing approval to a Person, may require that the Person to pay the expenses paid by the Town to Qualified Persons for the consultations and recommendations respecting the reuse of Wastewater.
- 15.6 A Person who fails to comply with a condition of approval imposed by the Director pursuant to Section 15.5(b) above is guilty of an offence under this bylaw.

Reclaimed Water Use and Agreement

- 15.7 The Town may enter into an agreement for the supply and use of Reclaimed Water provided that the Director is satisfied that:
- (a) the agreement does not contravene any provision of any Water License issued by AEP or any provision of the Master Servicing Agreement,
 - (b) any requirements of AEP and the City of Calgary have been or will be met,



- (c) the requirements of the *Water Utility Bylaw* and the Engineering and Servicing Standards have been given full consideration,
- (d) it is reasonable and appropriate to enter into such an agreement, and
- (e) all fees and charges have been addressed.

Release of Unauthorized Substances or Concentrations of Substances Excluding Septage

- 15.8 A Person must not Release or allow the Release of any Wastewater into the Wastewater System that:
- (a) contains or consists of a Substance described in Schedule "A" Prohibited Substances;
 - (b) contains a Substance that exceeds and is higher than the maximum allowable concentration limit as described in Column 2 of "Schedule "B" or Column 2 of Schedule "C"; or
 - (c) does not comply with the requirements of this bylaw.
- 15.9 Despite Section 15.8, but subject to Section 19.3, the Director may issue written approval to allow Wastewater that does not meet the requirements of Section 15.8 to enter the Wastewater System provided that the Wastewater does not have an Adverse Effect.
- 15.10 In granting written approval pursuant to Section 15.9, the Director may impose any conditions that the Director considers reasonable and appropriate, including but not limited to the following:
- (a) that the Wastewater is tested regularly by a Qualified Person to the satisfaction of the Director;
 - (b) that the Wastewater Surcharge for Extra Strength Wastewater, be paid to the Town as required by bylaw subject to Part 21;
 - (c) that the Person to whom the approval is issued compensates the Town for all costs arising from the Wastewater entering the Wastewater System; and
 - (d) that the Person enters into a Wastewater Agreement with the Town subject to any conditions required by the Director.
- 15.11 A Person must not directly or indirectly dilute Wastewater for the purpose of complying with the requirements of this bylaw as set out in Schedules "A", "B" and "C".

Private Wastewater Treatment Facilities –Prohibited

- 15.12 Private Wastewater Treatment Facilities are prohibited in the Town and must not be authorized, constructed or operated unless this bylaw and the *Private Wastewater Treatment Facility Prohibition Policy No. 4202* are amended to allow these facilities.
- 15.13 A Person is guilty of an offence pursuant to this bylaw if the Person constructs or operates a Private Wastewater Treatment Facility.



PART 16 – GENERAL WASTEWATER SYSTEM REQUIREMENTS

Alter, Disconnect, Install or Remove a Wastewater Service Connection

- 16.1 A Person that does any of the following must comply with the requirements in Section 16.2:
- (a) alters, constructs, disconnects, installs or removes a Wastewater Service Connection;
 - (b) allows the alteration, construction, disconnection, installation or removal of a Wastewater Service Connection; or
 - (c) digs or excavates in a Street and uncovers or removes soil cover over or near a Wastewater Service Connection.
- 16.2 A Person that carries out any of the actions described in Section 16.1 above or allows such actions to be carried out:
- (a) must obtain written approval from the Director and in accordance with the terms and conditions the Director considers necessary, including compliance with all requirements of other applicable bylaws, including the terms of a Planning Approval before
 - i. constructing, installing, altering, disconnecting or removing a Wastewater Service Connection; or
 - ii. uncovering or removing soil above or near a Wastewater Service Connection; and
 - (b) must not re-use a Wastewater Service Connection without obtaining prior written approval from the Director.
- 16.3 The Owner of the benefitting Parcel must pay to the Town all the costs of constructing, installing, altering, disconnecting or removing a Wastewater Service Connection before proceeding with the work.

Release Quality From ICI Premises

- 16.4 For the purpose of Section 16.5 below, “alter or expand” means the modification of an existing activity in or on an ICI Premises that may result in a greater Wastewater volume or an increased amount of a Prohibited Substance, a Restricted Substance or Extra Strength Wastewater in the Wastewater.
- 16.5 The Director may require a Person to submit to the Director a Wastewater Information Report that was completed by a Qualified Person before the Person carries on, alters or expands, or proposes to carry on or alter or expand an activity on an ICI Premises that is connected or intended to be connected to the Wastewater System.

PART 17 - WASTEWATER PRE-TREATMENT SYSTEMS

General Requirements – All Developments

- 17.1 The Director may require an Owner to do any one or more of the following:



- (a) install, operate, monitor and properly maintain at all times a Wastewater Pre-treatment System that is located:
 - i. on or in the Owner's Premises, and
 - ii. at a directly accessible location on the upstream side of a Monitoring Access Point;
- (b) take steps to adjust the following so that the Release from a Premises into the Wastewater Pre-treatment System matches the Release from the Wastewater Pre-treatment System into the Wastewater System:
 - i. the composition of the Release,
 - ii. the flow rate of the Release, or
 - iii. the composition and the flow rate of the Release;
- (c) provide access to the Wastewater Pre-treatment System for inspection at the request of an Authorized Employee or a Peace Officer; or
- (d) enter into a Wastewater Agreement.

17.2 An Owner who fails to:

- (a) install, operate, monitor, provide access to and properly maintain at all times a Wastewater Pre-treatment System, and
 - (b) manage the Release from a Wastewater Pre-treatment System,
- as required by the Director pursuant to Subsections 17.1(a) (b) or (c) above, is guilty of an offence under this bylaw.

Waste Residue Disposal

17.3 A Person must not deposit, or allow to be deposited, any Waste Residue from a Wastewater Pre-treatment System into the Wastewater System unless the Person has obtained approval in writing from the Director.

Records Maintenance

- 17.4 An Owner of a Premises with a Wastewater Pre-treatment System installed in or on a Premises must:
- (a) obtain and retain at the Premises any manuals, instructions and specifications related to the installation, operation, maintenance and cleaning of the Wastewater Pre-treatment System installed in or on the Premises;
 - (b) maintain a maintenance schedule and a record of each maintenance for every Wastewater Pre-treatment System installed in or on the Premises, including records for the disposal of Waste Residue, for the lesser of the following periods:
 - i. from the commencement of the operation of the Wastewater Pre-treatment System, or
 - ii. for a period of not fewer than the previous 2 years; and
 - (c) submit to the Director, if requested by the Director any information or records described in (a) and (b) above.



Dental Facilities

- 17.5 An Owner of a Premises from which Dental Amalgam may be Released into the Wastewater System must install a Dental Amalgam Separator on all fixtures that may Release Dental Amalgam waste containing mercury to the Wastewater System, and the separator must:
- (a) be ISO 11143 certified, or meet the ISO 11143 efficiency standard to the satisfaction of the Director;
 - (b) be located at a directly accessible location on the upstream side of a Monitoring Access Point in or on the Premises; and
 - (c) be monitored, operated, properly maintained and cleaned as required by ISO 11143 and as required by the manufacturer's instructions and specifications.

Food Service or Production Facilities

- 17.6 A FOG Interceptor must be:
- (a) installed in a Food Service or Production Facility or on the Parcel containing such a facility to the satisfaction of the Director;
 - (b) installed upstream of a Monitoring Access Point;
 - (c) located so it is directly accessible for inspection, maintenance or replacement by an Authorized Employee or any other Person; and
 - (d) designed and sized in accordance with *CSA B481-Series 12* and comply with the *National Plumbing Code* to prevent FOG from passing into the Wastewater System.
- 17.7 If a FOG Inceptor is required pursuant to Section 17.6 and installed in or on a Premises:
- (a) the Owner of that Premises must monitor, operate, properly maintain at all times, and clean each FOG Interceptor in accordance with the requirements of *CSA B481-Series 12* and the manufacturer's instructions and specifications; and
 - (b) the Wastewater discharged from the Premises must not exceed the concentration limits for FOG, as set out in Schedule "C" of this bylaw.

Vehicle and Equipment Washing, Repair and Maintenance

- 17.8 An Interceptor must be:
- (a) installed in a Premises containing a Vehicle Service to the satisfaction of the Director;
 - (b) installed upstream of a Monitoring Access Point;
 - (c) located so it is directly accessible for inspection, maintenance or replacement by an Authorized Employee or any other Person; and
 - (d) designed and sized in accordance with the *National Plumbing Code* to prevent hydrocarbons, Flammable Liquids and TSS from passing into the Wastewater System; unless the Vehicle Service is exempted by the Director due to its size and scale, but subject to any applicable requirements of the *Code of Practice for Tanker Truck Washing Facilities*.



- 17.9 If an Inceptor is required pursuant to Section 17.8 and installed in or on a Premises:
- (a) the Owner of that Premises must monitor, operate, properly maintain at all times, and clean each Interceptor in accordance with the manufacturer's instructions and specifications; and
 - (b) the Wastewater discharged from the Premises must not exceed the concentration limits for hydrocarbons, Flammable Liquids and TSS, as set out in Schedules "B" and "C" of this bylaw.

Agents Facilitating Passage of Materials Through Interceptors are Prohibited

- 17.10 A Person must not use emulsifiers, enzymes, bacteria, solvents, hot water or any other agent to facilitate the passage of FOG or hydrocarbons through an Interceptor.

PART 18 - TESTING AND MONITORING

Monitoring Access Points – ICI Premises

- 18.1 An Owner of Parcel containing one or more ICI Premises must:
- (a) provide one or more Monitoring Access Points for the monitoring of Wastewater;
 - (b) design and locate the Monitoring Access Points; and
 - (c) provide direct access to any Monitoring Access Point located on the Premises all to the satisfaction of the Director.

Monitoring of Wastewater Release

- 18.2 If a Premises is connected to the Wastewater System, the Director may order that any Wastewater Released from Premises into the Wastewater System is monitored, sampled and tested.
- 18.3 If the Director determines that the characteristics, qualities or volume of the Wastewater Released from a Premises does not comply with the requirements of this bylaw, the Director may require the Owner of the Premises from which the Wastewater is produced to do all of the following at the Owner's expense:
- (a) monitor, sample and test the Wastewater in compliance with any conditions specified by the Director;
 - (b) install and utilize any monitoring equipment that the Director decides is necessary; and
 - (c) provide the results of the monitoring, sampling and testing to the Director.

Compliance Testing and Surcharges

- 18.4 For the purpose of determining compliance with this bylaw or for determining a Wastewater Surcharge, the Director may
- (a) enter upon Premises from which Wastewater is produced and sample and test the Wastewater;



- (b) sample and test the Wastewater at any Monitoring Access Point located in or on the Premises; and
 - (c) sample and test specific Wastewater streams or sources within a Premises.
- 18.5 For the purpose of Section 18.4, the Director may use an automated sampling device or follow a manual sampling protocol and may:
- (a) take samples of the effluent produced at a Premises each day for a minimum of two days;
 - (b) take a minimum of four Grab Samples of equal volume at a Premises at least one hour apart on each day; or
 - (c) take samples as described in both (a) and (b) above.
- 18.6 If the Director samples Wastewater in accordance with Section 18.5, the Director must conduct an analysis of the Wastewater on a composite of the Grab Samples from each day and the results must be averaged to determine the characteristics and concentration of the effluent being Released into the Wastewater System from the Premises.
- 18.7 Despite Sections 18.5 and 18.6, the Director may rely on a single Grab Sample taken in or on a Premises to determine if the Wastewater produced at the Premises meets the requirements of this bylaw.
- 18.8 If there is more than one Monitoring Access Point servicing a Parcel or a Premises, the Director may estimate proportions of samples collected from each Monitoring Access Point for the purpose of determining a Wastewater Surcharge.
- 18.9 The Director may use the results of tests performed on samples collected from a single Monitoring Access Point to determine the Wastewater Surcharge that is applied to all the Premises or Parcels if:
- (a) all of the Premises or Parcels consist of 2 or more Parcels or Lots, 2 or more buildings, or 2 or more Premises within a building, or a combination thereof and all are connected to a single Monitoring Access Point and a single Wastewater Service Connection; and
 - (b) each Parcel, Lot or Premises is provided with a separate Water Meter and Town Water Service.
- 18.10 If Wastewater and its characteristics or contents are tested, measured, analysed or examined such activities must be:
- (a) carried out in accordance with the Standard Methods; or
 - (b) carried out in accordance with a procedure approved by the Director; and
 - (c) performed by an Accredited Laboratory that is accredited for analysis of the particular Substance using a method that is within the laboratory's scope of accreditation.



PART 19 – HAULED WASTEWATER AND SEPTAGE

Permit Required – Hauled Wastewater & Septage

- 19.1 Subject to Section 19.3, a Person must not Release or allow the Release of Hauled Wastewater or Septage into the Wastewater System, or otherwise allow the Release of Hauled Wastewater or Septage within the Town unless that Person has:
- (a) been issued a Hauled Wastewater Permit by the Director;
 - (b) been issued specific authorization in the Hauled Wastewater Permit to Release Septage; and
 - (c) paid any fees and charges related to the Hauled Wastewater Permit as required by Bylaw.
- 19.2 A Person must not Release or allow the Release of Hauled Wastewater or Septage at a location that has not been approved by the Director.

Septage Release is Prohibited

- 19.3 The Release of Septage into the Wastewater System is prohibited:
- (a) unless and until the Town's Wastewater treatment plant has been designed to treat Septage; or
 - (b) unless the Septage can be treated to the satisfaction of the Director before entering the Wastewater System; and
 - (c) unless a Hauled Wastewater Permit has been issued by the Director in accordance with Section 19.1.

Director's Authority

- 19.4 The Director may:
- (a) place any condition on a Hauled Wastewater Permit that the Director considers reasonable and appropriate;
 - (b) suspend a Hauled Wastewater Permit for a maximum of 5 days, revoke a Hauled Wastewater Permit, or refuse to allow the Release of the Hauled Wastewater if the Person to whom the Permit is issued does not comply with any of the following:
 - i. a condition of the Permit;
 - ii. any verbal instructions issued by an Authorized Employee;
 - iii. any posted or written instructions provided at a location authorized by the Director for the Release Hauled Wastewater; or
 - iv. the provisions of this bylaw.

Permit Holder's Obligations

- 19.5 A Person to whom a Hauled Wastewater Permit is issued must
- (a) comply with all conditions set out in the permit; and
 - (b) accompany every load of Hauled Wastewater unless otherwise stated in the Permit.



- 19.6 A Motor Vehicle that carries Hauled Wastewater must at all times carry and maintain within the vehicle a manifest and that manifest must:
- (a) be in a form approved by the Director;
 - (b) be completed in full and provide accurate information;
 - (c) state the Permit number of the Hauled Wastewater Permit;
 - (d) state the source of the Hauled Wastewater, the type of Substance and volume of Hauled Wastewater from each source;
 - (e) state the name of the Person and be signed by the Person to whom the Permit is issued, or state the name and be signed by a representative of the Person to whom the Permit is issued;
 - (f) be deposited at a facility or location that is stated in the Permit; and
 - (g) state the name of the Persons consigning, hauling and Releasing the Hauled Wastewater into the Wastewater System.
- 19.7 If a Person fails to Release Hauled Wastewater:
- (a) at a facility or location that is stated in a Hauled Wastewater Permit; and
 - (b) in accordance with all verbal, posted or written instructions,
- and such failure results in soiling, damage or harm to any part of the facility or location, then that Person must compensate the Town for the costs of clean-up, repair or replacement of that part, or parts, of the facility or location that the Person soiled, damaged or harmed.

Full Service Food Vehicles

- 19.8 A Full-Service Food Vehicle:
- (a) must dispose of Wastewater at a location or facility approved by the Director or as required by the Director; and
 - (b) is not required to obtain a Hauled Wastewater Permit pursuant to Section 19.1.
- 19.9 The operator of a Full-Service Food Vehicle must maintain a logbook and that logbook must:
- (a) be in a form approved by the Director subject to operational requirements;
 - (b) be completed in full and provide accurate information;
 - (c) be signed by the operator of the Full-Service Food Vehicle; and
 - (d) state the following information:
 - i. the name of Owner of the Full-Service Food Vehicle,
 - ii. the name under which the Full-Service Food Vehicle operates, and
 - iii. for each Release of Wastewater into the Wastewater System, the date, time, location, approximate volume and the name of the individual conducting the Release into the Wastewater System.
- 19.10 The logbook referred to in Section 19.9 must be given to the Director upon the request of the Director.



PART 20 – UNLAWFUL, UNAUTHORIZED AND ACCIDENTAL RELEASES

Release Reporting

- 20.1 Any Person who Releases or allows a Release of a Substance into the Wastewater System in contravention of this bylaw must take all reasonable measures to immediately notify the following:
- (a) the 911 emergency telephone number if there is any damage or immediate danger to any one or more of the following:
 - i. human health or safety,
 - ii. property,
 - iii. the environment, or
 - iv. the Wastewater System;
 - (b) the Town, by calling the 24-hour 311 telephone number;
 - (c) the Owner of the Premises where the Release occurred; and
 - (d) any other Person that may be affected by the Release.
- 20.2 A Person reporting the Release described in Section 20.1 must provide the following information:
- (a) the name and contact information of the Person reporting the Release;
 - (b) the time and the location of the Release;
 - (c) the volume of the material Released and the type of material Released and any known associated hazards;
 - (d) any corrective action being taken, or proposed to be taken, to control the Release; and
 - (e) whether or not AEP has been notified
 - i. as described in "*A Guide to Release Reporting – Alberta Environmental Protection and Enhancement Act*", and
 - ii. as required by the *Environmental Protection and Enhancement Act* and the *Release Reporting Regulation A. R. 117/93*, as amended.
- 20.3 If the Director is notified of a Release pursuant to Section 20.1 the Director must:
- (a) determine whether or not AEP needs to be notified and has been notified; and
 - (b) notify AEP if the Director believes that notification is required unless the Director is satisfied that notification has already occurred
- subject to the statute and regulation described in Subsection 20.2(e) above.
- 20.4 The Director may require the Owner, or the Person responsible for a Release described in Section 20.1 to do either, or both, of the following:
- (a) compensate the Town for all costs incurred by the Town with respect to the Release, including containment, sampling, testing, removal, cleanup, disposal and any other activity related to the Release; and
 - (b) submit to the Director a written report describing the cause of the Release and the steps or procedures to be taken to prevent or eliminate similar future Releases.



- 20.5 An Owner or Person who fails to submit a written report that is required by the Director pursuant to Section 20.4 is guilty of an offence under this bylaw.
- 20.6 A Person who Releases or allows a Release of a Substance into the Wastewater System in contravention of this bylaw must immediately take all reasonable measures to mitigate the Release.

PART 21 – WASTEWATER CHARGES AND SURCHARGES

Wastewater Charge

- 21.1 The Owner of a Premises connected to the Town's Wastewater System must pay to the Town a Wastewater Charge.
- 21.2 The Wastewater Charge for a Premises that relies solely on Town Water Service is set out by bylaw and must be calculated by one of the following methods:
- (a) the Wastewater Charge must be based on a fixed charge plus a fraction or percentage of the Town Water Service consumption, where the fraction or percentage represents the return factor, namely that portion of Town Water Service consumption entering the Wastewater System; or
 - (b) the Wastewater Charge must be based on a fixed charge plus the rate for the volume of Wastewater as measured by an Effluent Meter.
- 21.3 A reduction in the Wastewater Charge will not be made as a result of an interruption or failure of the Wastewater System, however caused.

Billing of Wastewater Surcharges

- 21.4 A Wastewater Surcharge rate respecting Extra Strength Wastewater established pursuant to Section 15.10 must remain in effect for a minimum period of 3 months.
- 21.5 If the concentration of contaminants in the Extra Strength Wastewater is determined from Wastewater sampled from a Monitoring Access Point that serves more than one Premises, and each of the Premises is individually metered, the Wastewater Surcharge rate will be applied to the utility bill of each of the Premises.
- 21.6 If a Wastewater Surcharge is applied, the Wastewater Surcharge is shown as a separate item on the utility bill, forms part of the utility bill, and is due and payable to the Town at the same time as the utility bill.
- 21.7 Despite Section 21.4, the Director may do either, or both, of the following:
- (a) adjust the Wastewater Surcharge if an abnormally high Wastewater Surcharge rate, relative to the statistical average Wastewater Surcharge rate, has been applied to a Person's utility bill and if the Person corrects the cause of the abnormally high rate to the satisfaction of the Director; and



- (b) prior to the expiration of the minimum 3-month period required under Section 21.4, order the establishment of a new Wastewater Surcharge rate if the Director has been provided with information, satisfactory to the Director, that a permanent change in Wastewater strength has occurred that justifies a new Wastewater Surcharge rate.

Exemptions - Irrigation

- 21.8 A water line used exclusively for irrigation purposes and metered in a manner satisfactory to the Director is exempted from all Wastewater Charges and Wastewater Surcharges.

Effluent Meters –Restricted

- 21.9 Despite any provision to the contrary but subject to Section 21.10 and 21.11 below, Effluent Meters are not allowed unless the Wastewater production from a Parcel or a Premises is not or is not entirely the result of Town Water Service consumption for any one or more of the following reasons:
- (a) the Wastewater originates from a source outside the Town that is not supplied with Town Water Service and the Wastewater is hauled or delivered to the Wastewater System;
 - (b) the Wastewater originates from a recreation vehicle dump station or a similar facility that receives effluent from
 - i. recreation vehicles, or
 - ii. vehicles or trailers that carry livestock including but not limited to horses, cattle and swine;
 - (c) the Wastewater originates from portable self-contained Privies or Holding Tanks;
 - (d) the Wastewater originates from an agricultural, a horticultural or an industrial facility within the Town and that facility uses Town Water Service as well as an alternate source of water including potable or non-potable water; or
 - (e) the Director is satisfied that the installation of an Effluent Meter is reasonable and appropriate given the volume of Wastewater entering the Wastewater System.
- 21.10 Section 21.9 does not authorize and must not be construed to allow or authorize any systems that conflicts with the *Water Utility Bylaw* or risks contaminating the Town Water Service.
- 21.11 The Director may exempt from Wastewater Charges and Wastewater Surcharges the amount of water not Released to the Wastewater System from a Premises if:
- (a) metered water is supplied to the Premises and all of that water is not Released to the Wastewater System; and
 - (b) the amount of water not Released to the Wastewater System can be measured to the satisfaction of the Director.
- 21.12 An exemption granted pursuant to Section 22.11 by the Director will be determined using only the metering equipment and methods of calculation approved by the Director.

PART 22 - ENFORCEMENT

Inspections

- 22.1 An Authorized Employee may enter into, or on a Premises with the consent of the Owner at a reasonable time for any one or more of the following purposes, in accordance with Section 542 of the Act:
- (a) to carry out an inspection, enforcement or action authorized by this bylaw, including:
 - i. to inspect or repair any equipment connected to, or part of the Wastewater System,
 - ii. to make observations, or to take tests, samples or photographs of equipment or Wastewater, and
 - iii. to disconnect or turn off the supply of Town Water Service to the Premises;
 - (b) to require the production, for inspection purposes, of any document or anything relevant to the inspection;
 - (c) to remove any document or anything relevant to the inspection for the purpose of making copies; and
 - (d) to determine whether this bylaw is being complied with.
- 22.2 Before entering in or on a Premises pursuant to Section 22.1, an Authorized Employee must provide both reasonable notice and identification to the Owner of the Premises in accordance with the Act.
- 22.3 Despite Sections 22.1 and 22.2, the Director:
- (a) may enter into, or on a Premises if the Director has obtained an order pursuant to the Act, or
 - (b) in an Emergency, or in extraordinary circumstances
 - i. need not enter at a reasonable hour or give reasonable notice before entering a Premises, and
 - ii. may carry out any of the purposes described in Section 22.1 without obtaining the consent of the Owner.

Obstructing an Inspection

- 22.4 A Person must not obstruct, or attempt to obstruct, in any manner, the Director, a Peace Officer, an Authorized Employee, or any contractors, servants or agents of the Town in the exercise of their powers or duties as authorized or required by this bylaw.
- 22.5 For the purposes of Section 22.4, "obstruct" means to hinder, delay, interfere with, or prevent, or attempt to prevent the execution of a power or duty, and includes any of the following:
- (a) providing false or misleading information or making a false claim or statement to an Authorized Employee or a Peace Officer;
 - (b) preventing, barring or delaying, or attempting to prevent, bar or delay entry or inspection by an Authorized Employee or a Peace Officer in accordance with this bylaw, or



- (c) failing to provide, on the request of an Authorized Employee or a Peace Officer, any information, documents or things relevant to an inspection, including any documents specifically required to be kept or provided under this bylaw.

Remedial Orders

- 22.6 If an Authorized Employee or a Peace Officer believes a Person has contravened any provision of this bylaw, the Authorized Employee or the Peace Officer may issue a Remedial Order to remedy the infraction.
- 22.7 Subject to the Act, a Remedial Order issued pursuant to Section 22.6 must:
- (a) state the name of the Person to whom it is directed;
 - (b) identify the Premises to which the Remedial Order relates by municipal address and legal description;
 - (c) identify the date on which it is issued;
 - (d) identify the specific provisions of this bylaw that have been contravened;
 - (e) identify the nature of the remedial action required to be taken to remedy the contravention of this bylaw;
 - (f) identify the time period within which the remedial action must be completed;
 - (g) indicate that if the required remedial action is not completed within the time specified in the Remedial Order, the Town may take whatever action or measures that are necessary to remedy the contravention;
 - (h) indicate that the expenses and costs of any action or measures taken by the Town under this Part are an amount owing to the Town by the Person to whom the Remedial Order is directed;
 - (i) indicate that the expenses and costs referred to in this Part may be attached to the tax roll of the property if such costs are not paid by a specific time;
 - (j) indicate that the Town may register a caveat against the certificate of title of the Parcel that is the subject of the order; and
 - (k) indicate that a Person who receives an order under Section 545 of the Act, may request Council to review the order by submitting a written request to Council within 14 days of the date of receiving the order.
- 22.8 A Remedial Order issued pursuant to this bylaw may be served:
- (a) in the case of an individual, by any of the following methods:
 - i. by delivering it personally to the individual;
 - ii. by leaving it for the individual at their apparent place of residence with someone who appears to be at least 18 years of age;
 - iii. by delivering it by registered mail to the individual at their apparent place of residence; or
 - iv. by delivering it by registered mail to the last address of the individual who is to be served as shown on the records of the Registrar of Motor Vehicle Services in Alberta; or
 - (b) in the case of a corporation, by any of the following methods:
 - i. by delivering it personally to a director or officer of the corporation;



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- ii. by delivering it personally to any Person apparently in charge of an office of the corporation at the address identified by the corporation to be its address; or
- iii. by registered mail addressed to the registered office of the corporation.

- 22.9 The Director may shut off Wastewater Services to a Premises if a Remedial Order has been issued to the Owner of a Premises pursuant to this bylaw and either of the following applies:
- (a) the Owner of the Premises fails to comply with the requirements of the Remedial Order; or
 - (b) the Owner of the Premises fails to comply with the requirements of the Remedial Order within the time period set out in the Remedial Order.
- 22.10 The Director may do anything, or carry out any work required by a Remedial Order issued pursuant to Section 22.6 and the costs associated with doing that thing, or carrying out the work, are an amount owing to the Town and may be added to the tax roll of the Premises if a Remedial Order has been issued to the Owner of that Premises pursuant to this bylaw and the Owner of the Premises fails to comply with the following:
- (a) the requirements of the Remedial Order; or
 - (b) the requirements of the Remedial Order within the time period set out in the Remedial Order.
- 22.11 A Person who fails to comply with the requirements of a Remedial Order issued pursuant to this bylaw within the time period set out in the Remedial Order commits an offence.

Offences

- 22.12 Any Person who contravenes any provision of this bylaw by doing any act or thing which the Person is prohibited from doing, or by failing to do any act or thing the Person is required to do, is guilty of an offence pursuant to this bylaw.

Penalties

- 22.13 A Person found guilty of an offence under this bylaw is liable to a fine of not more than ten thousand dollars (\$10,000.00) or to imprisonment for not more than one year, or both, pursuant to the Act.
- 22.14 A Person contravenes any provision of this bylaw is guilty of an offence and fine as stated
- (a) in the applicable Schedule of the *Utilities Rates and Penalties Bylaw*; or
 - (b) in a bylaw that supersedes the *Utilities Rates and Penalties Bylaw*.
- 22.15 This bylaw must not be construed as curtailing or abridging the right of the Town to obtain compensation, or to maintain any action, for loss of or damage to property from or against the Person responsible.
- 22.16 A Peace Officer and an Authorized Employee are authorized and empowered to enforce provisions of this bylaw.



- 22.17 If a Peace Officer believes a Person has contravened any provision of this bylaw, the Officer may issue to the Person any one or all of the following:
- (a) a Remedial Order in accordance with this Part,
 - (b) a Violation Tag, and
 - (c) a Violation Ticket in accordance with the *Provincial Offences Procedure Act*.
- 22.18 If a Violation Tag is issued to a Person, that Tag must be issued by one of the following methods:
- (a) by issuing the Tag to the Person,
 - (b) by securely attaching it to the door of that Person's Premises, or
 - (c) by mailing it to that Person's last known mailing address.
- 22.19 A Violation Tag must state:
- (a) the offence,
 - (b) the due date for payment of the penalty, and
 - (c) any other information as may be required by the Town.
- 22.20 If a contravention of this bylaw is of a continuing nature, further Violation Tags may be issued by a Peace Officer, provided that not more than one Violation Tag is issued for each day the contravention continues.
- 22.21 If a Violation Tag is issued pursuant to this bylaw, the Person to whom the Violation Tag is issued may pay to the Town the penalty specified on the Violation Tag in lieu of being prosecuted for the offence.
- 22.22 If the penalty specified in a Violation Tag is not paid within the prescribed time period, a Peace Officer is hereby authorized and empowered to issue a Violation Ticket.

Mandatory Court or Information

- 22.23 Nothing in this bylaw prevents a Peace Officer from:
- (a) issuing a Violation Ticket immediately for the mandatory court appearance of any Person who contravenes this bylaw; or
 - (b) laying an information instead of issuing a Violation Ticket.

Owner of Motor Vehicle is Liable

- 22.24 For the purposes of Sections 22.25 and 22.26, "Owner" and "driving" have the same meaning as set out in the *Traffic Safety Act, R.S.A. 2000, c. T-6*.
- 22.25 If a Motor Vehicle is involved in an offence described in this bylaw, the *Owner* of the Motor Vehicle is guilty of the offence.



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- 22.26 Section 23.25 does not apply if the *Owner* of the Motor Vehicle satisfies the court that:
- (a) the *Owner* was not driving the Motor Vehicle at the time of the offence; and
 - (b) the Person driving the Motor Vehicle at the time of the offence did not have the *Owner's* express or implied consent to be driving the Motor Vehicle.
- 22.27 Despite Section 22.25, if the *Owner* was not driving the Motor Vehicle at the time of the offence, the *Owner* is not liable to imprisonment.

Liability for Fees and Costs

- 22.28 The levying and payment of any fine or the imprisonment for any period provided in this bylaw shall not relieve a Person from the necessity of paying any fees, charges or costs for which that Person is liable under the provisions of this bylaw or any other bylaw.

PART 23 – ENACTMENT

- 23.1 This bylaw comes into full force and effect upon third and final reading.

READ A FIRST TIME THIS sixth day of February 2019

READ A SECOND TIME THIS sixth day of February 2019

READ A THIRD TIME THIS sixth day of February 2019

Mayor

Chief Administrative Officer

SCHEDULE "A"

PROHIBITED SUBSTANCES

A.1 The following must not be Released into the Wastewater System in accordance with Section 15.8:

- (a) a Substance that causes or will cause an Adverse Effect;
- (b) a Substance that will interfere, or does interfere, with the operation of the Wastewater System;
- (c) a Substance that will cause a violation or non-compliance event with respect to the Town's Wastewater operating approval;
- (d) a Substance that will interfere with the disposal of Biosolids resulting from the Town's treatment of Wastewater;
- (e) an explosive Substance, including solvents or petroleum derivatives such as gasoline, diesel fuel, naphtha or fuel oil, of a quantity such that
 - i. Wastewater from the Premises will exhibit the characteristics of a Flammable Liquid, or
 - ii. the explosive Substance could cause or contribute to an explosion or support combustion in the Wastewater System, by itself or in combination with other Wastewater;
- (f) a Substance, excluding Domestic Wastewater, but including hydrogen sulphide, carbon disulphide or other reduced sulphur compounds, which by itself or in combination with other Substances is capable of creating odours;
- (g) a solid or viscous Substance in a quantity, or of such size, as to be capable of causing obstruction to the flow in the Wastewater 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;
- (h) Wastewater containing a Substance that on its own, or in combination with another Substance, creates a taste or an odour in the drinking water supply and makes drinking water unpalatable after conventional water purification treatment;
- (i) 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;
- (j) Wastewater that is Released in layers or forms layers upon interaction with other Wastewater;
- (k) Wastewater having a pH of less than 5.5 or greater than 10;
- (l) Wastewater having a temperature in excess of 75 degrees Celsius;
- (m) Radioactive Materials;
- (n) corrosive or toxic Wastewater that causes or will cause an Adverse Effect;
- (o) Biological Substances;
- (p) unused or waste Pharmaceuticals;
- (q) unused or waste chemical Substances;
- (r) Hazardous Substances;
- (s) Pesticides; and
- (t) grit removed from ICI Premises, including grit removed from car wash establishments, automobile garages and restaurant Sumps or from Interceptors.

SCHEDULE "B" RESTRICTED SUBSTANCES

B.1 A Release into the Wastewater System containing the following Substances in excess of the following concentrations is not allowed in accordance with Section 15.8 (b) of this bylaw:

COLUMN 1 Substance	COLUMN 2 Maximum Allowable Concentration Limit (mg/l)
Aluminum, total	50
Antimony, total	5
Arsenic, total	1
Benzene	0.5
Beryllium, total	1
Bismuth, total	5
Boron, total	5
BTEX	1
Cadmium, total	0.7
Chloride	1500
Chloroform	0.05
Chromium, total	3
Cobalt, total	5
Copper, total	2
Cyanide	1.2
Dichlorobenzene (1,2-)	1
Dichlorobenzene (1,4)	1
Ethylbenzene	0.5
Fluoride	10
Hexachlorobenzene	0.06
Hydrocarbons	50
Iron, total	50
Lead, total	0.7
Manganese, total	5
Mercury, total	0.01
Methylene chloride (dichloromethane)	0.09
Molybdenum, total	5
Nickel, total	2
PCBs	0.004
Phenolic Compounds	1
Selenium, total	1
Silver, total	0.5
Sulphate	1500
Sulphides	1
Tetrachloroethane (1,1,2,2-)	0.06
Tetrachloroethylene	0.06



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COLUMN 1 Substance	COLUMN 2 Maximum Allowable Concentration Limit (mg/l)
Thallium, total	0.5
Tin, total	5
Titanium, total	5
Toluene	0.5
Total Nitrogen	50
Trichloroethylene	0.054
Vanadium, total	5
Xylenes, total	0.5
Zinc, total	2



SCHEDULE "C"
SURCHARGE SUBSTANCES

C.1 A Release into the Wastewater System containing the following Substances in excess of the following concentrations is not allowed in accordance with Section 15.8 (b) of this bylaw:

COLUMN 1 Substance	COLUMN 2 Maximum Allowable Concentration Limit (mg/l)
BOD	300
COD	600
TSS	300
FOG	100
TP	10
TKN	50



Appendix "A" The National Plumbing Code and the Permit Regulation

The *National Plumbing Code of Canada (NPC)* is enacted pursuant to the *Plumbing Code Regulation* (A.R. 119/2007) which in turn is enacted pursuant to the *Safety Codes Act*. The *Permit Regulation* (A.R. 204/2007) is also enacted pursuant to the *Safety Codes Act*.

The *NPC* applies to a plumbing system located within the boundaries of a Parcel including but not limited to the *building drain* and the *building sewer* as described in the *NPC* and in Bylaw 18-10.

The *Permit Regulation* states that a plumbing permit is required to install, alter or add to a plumbing system but a permit is not required "*to install a building sewer or storm sewer outside of a building*".

A *building sewer* (also described as a *Site Servicing Installation* in Bylaw 18-10) commences 1m outside the wall of a building and it connects to the *building drain* that is upstream of the *building sewer*. A *building sewer* or a *Site Servicing Installation* must comply with the *NPC*, but a *building sewer* is not regulated by "plumbing permits" issued under the *Permit Regulation*. Given this situation it is prudent for municipalities to provide oversight of *Site Servicing Installations* through the appropriate municipal bylaws, permits, and where appropriate, agreements pursuant to Sections 650 or 655 of the *Municipal Government Act*.



Appendix "B"
**Private Sewage Disposal Systems Regulation & Alberta Private Sewage Systems
Standard of Practice**

(Pursuant to the *Safety Codes Act*)

Summary Only – See Regulation

B.1 Key provisions of the above Regulation (A.R.229/97) are summarized below. Refer to the Regulation for more detailed information.

Application of the Regulation & Standard of Practice

B.2 This Regulation states the following:

- "4 (1) *This Regulation applies to private sewage disposal systems.*
- (2) *The Alberta Private Sewage Systems Standard of Practice 2015, as amended or replaced from time to time, published by the Safety Codes Council is declared in force with respect to private sewage disposal systems that*
- (a) *serve a single property,*
 - (b) *are designed to receive not more than 25m³ of sewage each day, and*
 - (c) *are located on the single property that they serve.*
- (3) *The Alberta Private Sewage Systems Standard of Practice in force does not apply to two or more systems that serve a single property and, in total, receive more than 25m³ of sewage each day.*
- (4) *A private sewage disposal system described in subsection (2) that is designed to receive more than 5.7m³ of sewage each day must be designed for its specific site and use by*
- (a) *a professional engineer, as defined in the Engineering and Geoscience Professions Act, or*
 - (b) *a person who has qualifications that are acceptable to the Administrator."*

Municipality May Restrict the Type of Systems Allowed in the Standard of Practice

B.3 Section 5.1 of the Regulation states the following:

"A municipality may make bylaws restricting the type of systems recognized in the Alberta Private Sewage Systems Standard of Practice in force that can be constructed or used in new installations of private sewage disposal systems."

Sewage Excludes Wastewater from Industrial Processes

B.4 Sewage, as defined in Section 1 of the Regulation excludes wastewater from industrial processes.
Paramountcy – Other Regulations May Prevail



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- B.5 Section 2 states that *"If there is a conflict between this Regulation and another regulation under a statute of Alberta, the other regulation prevails over this Regulation."* This Regulation is enacted pursuant to the *Safety Codes Act*. Regulations enacted under the *Environmental Protection and Enhancement Act*, the *Municipal Government Act* and other statutes may prevail.

RA

Appendix "C"
Activities Designation Regulation
(Pursuant to the *Environment Protection and Enhancement Act*)

Summary Only – See Regulation

C.1 Key provisions of the above Regulation (A.R. 271/200) are identified or summarized below. Refer to the Regulation for more detailed information.

Activities Requiring Approval from Alberta Environment & Parks (AEP)

C.2 Section 5(1) of this Regulation states that "*The Activities listed in Schedule 1 are designated as activities in respect of which an approval is required.*" This Schedule includes the following in Division 2:

"Part 7 – Wastewater

(g) *the construction, operation or reclamation of a wastewater system that uses a wastewater treatment plant other than a wastewater lagoon, and*

(i) *that*

(A) *serves 2 or more service connections within a city, town, specialized municipality, village, summer village, hamlet, municipal development or settlement area as defined in the Metis Settlements Act,*

(B) *is owned by a regional services commission, or*

(C) *is a private utility,*

or

(ii) *that serves an industrial development or privately-owned development and*

(A) *discharges treated wastewater off the site of the development, or*

(B) *is designed to treat more than 25 cubic metres of wastewater per day;"*

C.3 In addition to wastewater systems, Schedule 1 of the Regulation lists a number of other activities that require AEP approval including but not limited to

(a) waste management facilities as described in Division 1 Waste Management;

(b) activities described in Division 2 Substance Release including the construction, operation or reclamation of

i. various chemical manufacturing plants or storage facilities (e.g. fertilizer storage facilities);

ii. building products and insulation manufacturing plants including cement plants;

iii. food or animal by-products plants (e.g. rendering plants, tanneries, distilleries, malting plants etc.);

iv. metals plants (e.g. electroplating facilities, foundries, lead smelters, metal manufacturing);

v. glass manufacturing and lime plants;

vi. oil and gas plants;

vii. power plants;

viii. rail car washing facilities, hydrostatic testing and in-situ water treatment;

ix. wood processing or treatment plants and pulp;

x. biotechnology;



- xi. electrical and electronic components;
- (c) conservation and reclamation activities described in Division 3 Conservation and Reclamation;
- (d) pesticide application within 30m of a water body as described in Division 4 Miscellaneous; and
- (e) the construction, operation or reclamation of a waterworks system as described in Division 5 Potable Water.

Activities Requiring Registration with AEP - Including Wastewater Lagoon

C.4 The Activities in Schedule 2 of the Regulation require registration with Alberta Environment and Parks pursuant to Section 5(3) and include the following:

- (a) waste management facilities of a certain size as described in Division 1 Waste Management;
- (b) construction, operation or reclamation of the following as described in Division 2 Substance Release:
 - i. an asphalt paving plant;
 - ii. a compressor and pumping station;
 - iii. a concrete producing plant;
 - iv. a forage drying facility;
 - v. a foundry;
 - vi. a sawmill;
 - vii. a sweet gas processing plant;
 - viii. a tanker truck washing facility;
 - ix. hydrologic tracing analysis;
 - x. hydrostatic testing;
 - xi. the construction, operation or reclamation of a wastewater system that uses a wastewater lagoon that
 - (A) serves 2 or more service connections within city, town . . . , or is owned by a regional services commission, or is a private utility, or
 - (B) serves an industrial development or privately-owned development and discharges treated wastewater off the site of the development or is designed to treat more than 25 cubic metres of wastewater per day;
 - xii. the construction, operation or reclamation of a storm drainage system in a city, town and other locations as described in Section (f);
 - xiii. conservation and reclamation activities as described in Division 3;
 - xiv. storing or selling pesticides or offering a pesticide service as described in Division 4;
 - xv. the construction, operation or reclamation of a waterworks system as described in Division 5 including a system:
 - (A) that serves a Town (or other municipality as described), is a private utility or is owned by a regional services commission and
 - (1) uses groundwater as source of its water supply, or
 - (2) consists of a water system using potable water from a system that holds a current approval or registration under the Act; or
 - (B) that serves a hamlet or municipal development, and



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- (1) uses groundwater or potable water from a system that holds a current license or approval under the Act; and
- (2) has 15 or more service connections or 3 or more kilometres of water distribution system.

Activities Requiring Notification of the Director - Including Wastewater Lagoon

C.5 Section 5(3) of the Regulation states that "*The activities listed in Schedule 3 are designated as activities in respect of which notice to the Director under Part 3 of the Act must be given.*" The activities listed in Schedule 3 include the following:

- (a) the construction, operation or reclamation of
 - i. a Class II compost facility; or
 - ii. a storage site; or
- (b) the conduct or reclamation of an exploration operation.



Appendix "D"

Regulations & Codes Pursuant to the Environmental Protection and Enhancement Act

Note: The Alberta Queen's Printer website provides summaries these codes and regulations.¹

D.1. Key Regulations Related to Wastewater

1. Activities Designation Regulation A.R. 276/2003 – See also Appendix "C"
2. Administrative Penalty Regulation A.R. 23/2003
3. Approvals and Registrations Procedure Regulation A.R. 113/1993
4. Release Reporting Regulation A.R. 117/93
5. Wastewater and Storm Drainage (Ministerial) Regulation A.R. 120/1993
6. Wastewater and Storm Drainage Regulation A.R. 119/1993

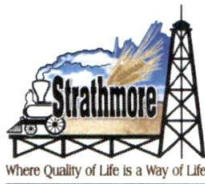
D.2 Key Codes of Practice Related to Wastewater

1. Code of Practice for Tanker Truck Washing Facilities
2. Code of Practice for Wastewater Systems Consisting Solely of a Wastewater Collection System
3. Code of Practice for Wastewater Systems using a Wastewater Lagoon

D.3 Other Regulations

1. Beverage Container Recycling Regulation A.R. 101/1997
2. Conservation and Reclamation Regulation A.R. 225/1993
3. Designated Material Recycling and Management Regulation A.R. 93/2004
4. Disclosure of Information Regulation A.R. 273/2004
5. Electronics Designation Regulation A.R. 94/2004
6. Emissions Trading Regulation A.R. 33/2006
7. Environmental Appeal Board Regulation A.R. 113/1993
8. Environmental Assessment (Mandatory and Exempted Activities) Regulation A.R. 111/1993
9. Environmental Assessment Regulation A.R. 112/1993
10. Environmental Protection and Enhancement (Miscellaneous) Regulation A.R. 118/93
11. Forest Resources Improvement Regulation A.R. 152/1997
12. Lubricating Oil Material Designation Regulation A.R. 100/2018 (if in force)
13. Lubricating Oil Material Environmental Handling Charge Bylaw A.R. 228/2002
14. Lubricating Oil Material Recycling and Management Bylaw A.R. 227/2002
15. Lubricating Oil Material Recycling and Management Regulations A.R. 87/1997
16. Mercury Emissions from Coal-fired Power Plants Regulation A.R. 34/2006
17. Oils Sands Environmental Monitoring Program Regulation A.R. 226/2013
18. Ozone-depleting Substances and Halocarbons Regulation A.R. 181/2000

¹ Alberta Queen's Printer. / Laws on Online Catalogue/ "E" /Environmental Protection and Enhancement Act. The Act and the associated regulations and codes are listed with a brief description.



19. Paint and Paint Container Designation Regulation A.R. 200/2007
20. Pesticide (Ministerial) Regulation A.R. 43/1997
21. Pesticide Sales, Handling, Use and Application Regulation A.R. 24/1997
22. Potable Water Regulation A.R. 277/2003
23. Remediation Certificate Regulation A.R. 154/2009
24. Substance Release Regulation A.R. 124/1993
25. Tire Designation Regulation A.R. 95/2004
26. Waste Control Regulation A.R. 192/1996

D.4 Other Codes of Practice

1. Code of Practice for a Waterworks System Consisting Solely of a Water Distribution System
2. Code of Practice for Asphalt Paving Plants
3. Code of Practice for Compost Facilities
4. Code of Practice for Compressor and Pumping Stations and Sweet Gas Plants
5. Code of Practice for Concrete Producing Plants
6. Code of Practice for Energy Recovery
7. Code of Practice for Exploration Activities
8. Code of Practice for Forage Drying Facilities
9. Code of Practice for Foundries
10. Code of Practice for Hydrologic Tracing Analysis Studies
11. Code of Practice for Land Treatment of Soil Containing Hydrocarbons
12. Code of Practice for Landfills
13. Code of Practice for Pits
14. Code of Practice for Sawmill Plants 2006
15. Code of Practice for Small Incinerators
16. Code of Practice for the Release of Hydrostatic Test Water from Hydrostatic Testing of Petroleum Liquid and Gas Pipelines
17. Code of Practice for Waterworks Using High Quality Groundwater
18. Code of Practice for Pesticides