

**BYLAW NO. 1902/2020
OF THE TOWN OF REDCLIFF
IN THE PROVINCE OF ALBERTA**

A BYLAW OF THE TOWN OF REDCLIFF, IN THE PROVINCE OF ALBERTA, TO REGULATE THE USE OF PUBLIC AND PRIVATE SANITARY SEWAGE COLLECTION AND DISPOSAL SYSTEMS IN THE TOWN OF REDCLIFF.

WHEREAS pursuant to the Municipal Government Act, R.S.A. 2000, Chapter M-26, Council may pass a bylaw respecting the safety, health and welfare of people, and the protection of people and property,

AND WHEREAS it is deemed necessary to regulate the collection and disposal of sanitary sewage in the Town of Redcliff for the safety of the public,

AND WHEREAS the Town of Redcliff has constructed, operates, and maintains a sanitary sewer collection system consisting of sanitary trunk lines, main lines, branch lines, lateral/service lines, lift stations, and flow attenuation storage facilities,

AND WHEREAS it is deemed necessary for the safety of the public, safe operation of the sanitary sewage collection system, protection of the sanitary sewage collection system, protection of the environment, and sustainability of the sanitary sewage collection system to regulate access to the sanitary sewage collection system and the quality and quantity of discharges into the sanitary sewage collection system, and control the use of the sanitary sewage collection system,

NOW THEREFORE, the Council of the Town of Redcliff in open meeting assembled, enacts as follows:

**PART 1
SHORT TITLE & DEFINITIONS**

SHORT TITLE

- (1) This Bylaw may be cited as the "**Sanitary Sewer System Bylaw**" of the Town of Redcliff and shall be taken to apply within the municipal boundaries of the Town of Redcliff except as specifically provided for in this Bylaw.

DEFINITIONS

- (2) The following Acts and Regulations are referenced in this Bylaw and are referred to in this Bylaw by their short title as listed below:

	Act or Regulation	Short Title
(a)	Environmental Protection and Enhancement Act R.S.A 2000 c. E-12 and all its regulations, as amended or replaced	Environmental Protection and Enhancement Act

(b)	Alberta Private Sewage Systems Standard of Practice R.S.A. 2015, as amended or replaced	Private Sewage Systems Standard
(c)	Municipal Government Act R.S.A. 2000 c.M.-26, as amended or replaced	Municipal Government Act
(d)	Provincial Offences Procedure Act, R.S.A. 2000 Chapter P-34, and its regulations, as amended or replaced	Provincial Offences Procedure Act
(e)	Alberta Safety Codes Act, R.S.A 2000 c. S-1, and all its regulations, as amended or replaced	Safety Codes Act
(f)	Water Act, R.S.A 2000c.S-1, as amended or replaced	Water Act
(g)	Wastewater Systems Effluent Regulations, SOR/2012-139 as amended or replaced	WSER

- (3) Any word or expression that is specifically defined in the Acts and Regulations listed in section (2) are adopted for the purposes of the interpretation and application of this Bylaw and have the same meaning under this Bylaw as defined in those statutes, unless otherwise specifically defined differently in this Bylaw or unless the context necessarily implies a different meaning.
- (4) In this Bylaw:
- (a) **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 a signatory to the International Laboratory Accreditation Cooperation Mutual Recognition Agreement using the criteria and procedures in ISO/IEC/EN 17025: General Requirements for Competence of Calibration and Testing Laboratories.
- (b) **ADVERSE EFFECT** means the impairment of, or damage to, any one or more of the following:
- (i) Human health or safety,
 - (ii) Property,
 - (iii) The environment,
 - (iv) The Sanitary Sewage Collection System.
- (c) **PRIVATE SEWER SYSTEM** means any system that is regulated under the Alberta Private Sewage Systems Standard of Practice.
- (d) **B.O.D.** (Denoting "Biochemical Oxygen Demand") means the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in parts per million by weight.
- (e) **BTEX** means the total of benzene, toluene, ethyl benzene, and xylenes.

- (f) **BYLAW ENFORCEMENT OFFICER** means a Person appointed by Council as a Bylaw Enforcement Officer for the Town or their designate.
- (g) **CAMPGROUND** means any area designated by Council as a site intended for use by camping accommodation units on a temporary basis.
- (h) **CLEAR WASTEWATER** means Wastewater that has the appearance of being free of FOG, Food Waste, Garbage, Hazardous Substances, Sanitary Sewage, Septage, Suspended Solids, or any other substance that may cause an Adverse Effect.
- (i) **C.O.D.** (Denoting "Chemical Oxygen Demand") means the quantity of oxygen utilized in the chemical oxidation of matter.
- (j) **COUNCIL** means the duly elected and sworn in Council of the Town.
- (k) **DOMESTIC WASTEWATER** means Wastewater generated from Premises as a result of human living processes, including cooking, cleaning, washing, drinking, or other domestic activities.
- (l) **DIRECTOR** means the Director of Public Services, and/or the Director of Planning and Engineering as the context requires.
- (m) **DWELLING UNIT** means self-contained Premises occupied or intended to be occupied as a separate place of residence, including, but not limited to a single-family home, mobile home, townhouse, apartment, or condominium, and Premises within a duplex, triplex, or fourplex.
- (n) **DISPOSE** means the dumping, discharging, throwing, dropping, discarding, abandoning, spilling, leaking, pumping, pouring, emitting, or emptying of any substance or material.
- (o) **EFFLUENT METER** means a device that measures the volume of Wastewater released into the Town's Wastewater System.
- (p) **FOG** (Fats, Oils, Grease) means organic matter extracted by n-hexane using the partition gravimetric procedure. It measures the volume of fats, oils, and Grease found in the Wastewater.
- (q) **FOUNDATION DRAINAGE** means water collected beneath the surface of the ground by a foundation drain, weeping tile, or any other groundwater collection system.
- (r) **FOOD WASTE** means solid wastes from the preparation, cooking, and dispensing of food, and from the handling, storage, and sale of produce.
- (s) **GARBAGE** means material that is discarded by humans, usually due to a perceived lack of utility. The term generally does not encompass bodily waste products, purely liquid or gaseous wastes, nor toxic waste products. Waste, trash, rubbish, or refuse are similar terms.
- (t) **GREASE** means material recovered as Grease using the method set out in the latest edition of "Standard Methods" of the American Public Health Association.
- (u) **HAZARDOUS SUBSTANCE** means a substance that is either a Hazardous Substance or a hazardous waste or has the properties of hazardous waste as described in the Environmental Protection and Enhancement Act.



- (v) **HEALTH OFFICER** means the Medical Officer of the Local Health Authority, Alberta Health Services Representative, or any Person to whom may be delegated a duty.
- (w) **IC PREMISE** means Industrial or Commercial Premises.
- (x) **INDUSTRIAL WASTEWATER** means any water or Wastewater stream from industrial processes. Also includes any liquid waste from an industrial process that uses water as the primary suspending media or solute.
- (y) **MANAGER** means a Person appointed to the position of Chief Administrative Officer for the Town by Council and known as the Municipal Manager.
- (z) **NATURAL OUTLET** means any outlet into a Water Course, pond, ditch, or lake, or other body of surface or ground water.
- (aa) **NON-RESIDENTIAL PROPERTY** means any property other than residential property.
- (bb) **OWNER** in the context of this Bylaw means a Person who is one or more of the following:
- (i) Registered Owner of the land.
 - (ii) Registered title holder of a Premises.
- (cc) **PEACE OFFICER** means Peace Officer as defined in Provincial Offences Procedure Act.
- (dd) **PERSON** means any corporation, firm, partnership, association, society, registered company, trustee, legal representative, proprietorship, administrator, executor, agent, as well as a natural Person.
- (ee) **pH** means the logarithm of the reciprocal of the weight of hydrogen ions in moles per litre of solution and denotes alkalinity or acidity.
- (ff) **PREMISE** means any one of more of the following:
- (i) Land,
 - (ii) Building(s) or structure(s),
 - (iii) Both (i) and (ii),
 - (iv) Part of (i) and (ii).
- (gg) **PROPERLY SHREDDED FOOD WASTE** means the waste from the preparation, cooking, or dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particles greater than 6 mm in any dimension.
- (hh) **PROPRIETOR** means the Owner, tenant, or occupant of a property or part of a property or their agent or representative and includes any Person in charge thereof or any Person who controls, manages, governs, or directs the activity carried on therein.
- (ii) **QUALIFIED PERSON** means a Person recognized by the government of Alberta with the training, experience, and skill to be able to take professional responsibility and liability for the work they undertake or oversee. Examples are Professional



- Engineers, Professional Biologists, and Wastewater Operators working in their area of expertise.
- (jj) **RESIDENTIAL PROPERTY** means property consisting of one or more Dwelling Units.
- (kk) **RELEASE** means:
- (i) To directly or indirectly conduct a substance to the Wastewater System or a watercourse by spilling, discharging, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means; or,
 - (ii) A spill, discharge, disposal, abandonment, deposit, leak, seep, pour, drain, or emptying of a substance into the Wastewater System or a watercourse.
- (ll) **REMEDIAL ORDER** means a Remedial Order written pursuant to the Municipal Government Act.
- (mm) **RESTAURANT** means a place where food and/or beverages are prepared and sold through a commercial enterprise for the purpose of consumption.
- (nn) **SANITARY SEWAGE** means a combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments that meet the requirements specified in this Bylaw for release into the Sanitary Sewer System.
- (oo) **SANITARY SEWER SYSTEM** means all facilities for pumping, transporting, conducting, storing, treating, and disposing of Sanitary Sewage. Like terms are Sanitary Sewer, Sewage Works, Wastewater System, and Sewerage.
- (pp) **SEPTAGE** means Wastewater removed from a cesspool, septic tank system, privy vault, privy pit, chemical toilet, or other Wastewater holding structure.
- (qq) **STORM WATER** means runoff generated that is the direct result of snowfall, rainfall, hail, or any other natural precipitation or runoff that results from the melting of snow or ice.
- (rr) **STORM WATER DRAINAGE SYSTEM** means the system for collecting, storing, treating, transporting, or disposing of storm drainage, but does not include plumbing or service connections into Premises.
- (ss) **SUSPENDED SOLIDS** means solids that either float on the surface of, or are in suspension in, water, sewage, or other liquids and which are removable by laboratory filtering.
- (tt) **TOWN** means the municipal corporation of the Town of Redcliff or the area contained within the Town boundaries as the context requires.
- (uu) **BRANCH LINE** means the part of the sewer system that receives lateral household connections that then carries the Wastewater to subsequent Trunk Lines.
- (vv) **LATERAL LINE** means the pipe conveying Wastewater from an individual building to a Branch Line.
- (ww) **TRUNK LINE** is a sanitary sewer line that carries the collected sewage from one or more Branch Lines and that the connection of Lateral Lines is not permitted.



- (xx) **WASTE RESIDUE** means all substances removed from Wastewater by a treatment process.
- (yy) **WASTEWATER** means the composite of water and water-carried substances released from Premises or from any other source.
- (zz) **WASTEWATER INFORMATION REPORT** means a report containing information for the purpose of evaluating releases from a Premise.
- (aaa) **WASTEWATER SURCHARGE** means an additional charge levied pursuant to the provisions of this Bylaw.
- (bbb) **WASTEWATER TREATMENT FACILITY** means a facility that stores, treats, and disposes of wastewater, but which is not part of the Sanitary Sewer System operated by the Town.
- (ccc) **WATER COURSE** means a channel in which a flow of water occurs, either continuously or intermittently, and may be either natural or manmade.

PART 2 REGULATIONS

COMMON

- (5) No Persons shall place, deposit, or permit to be deposited in any substance, liquid, or solid that is unauthorized and includes items in section (40), upon public or private property, in Water Courses within the Town, or in any area under the jurisdiction of the Town.
- (6) No Persons shall place, deposit, or permit to be deposited in any manner: Sanitary Sewage, wastewater, industrial waste, or other polluted waters, upon public or private property or in a Water Courses within the Town, or in any area under the jurisdiction of the Town.
- (7) The Owner of every Premise used for human occupancy, employment, recreation, commercial business, industrial business, or other purpose, situated within the Town is required to at their expense:
 - (a) Install suitable plumbing system therein for the collection of Sanitary Sewage in accordance with the provisions of the Safety Codes Act and Regulations,
 - (b) Dispose of Sanitary Sewage that is collected from the plumbing system of the Premises into either:
 - (i) The Town's Wastewater System,
 - (ii) A private Wastewater System.
- (8) No Person shall dispose of any substance into the plumbing system of a Premises prior to the plumbing system having a connection installed to either the Town's Wastewater System or a private Wastewater System.
- (9) The Town's Sanitary Sewer System shall be from the property line or in the case of a where the sewer main is in a utility right-of-way from the boundary of the utility right-of-way to the Sanitary Sewer System in the road right-of-way or utility right-of-way.



- (10) A private plumbing system of a Premise shall be from the property line or in the case of a where the sewer main is in a utility right-of-way from the boundary of the utility right-of-way to any facility that generates sewage of the Premise.
- (11) No statement contained in this Bylaw shall be construed to interfere with any additional requirements that may be imposed on the construction, operation, or maintenance of a private Wastewater Treatment Facility or Private Sewage Disposal by the Federal government, Provincial government, or the Town.

REQUIRED USE OF THE TOWN'S SANITARY SEWER SYSTEM

- (12) The Owner of every Premise is required to dispose of Sanitary Sewage at their expense:
- (a) To the Town's Sanitary Sewage System,
 - (b) Install facilities to connect plumbing system located on a Premise directly to the Town's Sanitary Sewage System,
 - (c) Extend the Town's Sanitary Sewage System as required by the Director to provide Sanitary Sewage service to the Premise.

PRIVATE SEWAGE DISPOSAL

- (13) Where in the opinion of the Director it is impractical and/or is cost prohibitive to require a Premise to connect to the Town's Sanitary Sewage System the Director may give the Owner of the Premise a written waiver from the requirement to connect to the Town's Sanitary Sewage System, which will be subject to the following conditions:
- (a) The Owner of the Premise shall install a Private Sewage Disposal that complies with the provisions of this Bylaw and applicable legislation and regulations relating to the Alberta Private Sewage Systems Standard and the Safety Codes Act and Regulations,
 - (b) The Owner of the Premise shall comply with all the Director's requirements relative to the Private Sewage Disposal System including but not limited to:
 - (i) Providing plans for the Director's written approval prior to commencement of construction of the design, installation, operation, decommissioning, and reclamation of the Private Sewage Disposal System prepared by a Qualified Person,
 - (ii) Certification of the installation of the Private Sewage Disposal System by a Qualified Person,
 - (iii) Submit an annual report, or when requested by the Director, of the operation of the Private Sewage Disposal System including maintenance, system cleaning, Septage removal, and repairs.
 - (c) The Owner of the Premise shall operate and maintain the private sewage disposal facilities in full compliance to all current applicable legislation and regulation including but not limited to the Alberta Private Sewage Systems Standard, the Environmental Protection and Enhancement Act, and the Director's requirements at all times with no expense to the Town,



- (d) When a Private Sewage Disposal System is decommissioned and reclaimed, the Owner of the Premise shall provide the Director a report on the decommissioning and reclamation prepared by a Qualified Person.
- (14) All Premises located in the Town at the time of passing this Bylaw that have a Private Sewage Disposal System have a waiver to not connect to the Town's Sanitary Sewage System.
- (15) If all conditions or requirements by the Director laid out in section (13) are not complied with, the Director may, considering the severity of the breach of compliance, do any of the following:
- (a) Issue a Fine as per Schedule A,
 - (b) Issue a Remedial Order,
 - (c) Suspend the written approval(s) laid out in section (13)(b)(i) for a time period determined by the Director,
 - (d) Revoke the waiver from the requirement to connect to the Town's Sanitary Sewage System approval laid out in section (13) and require the Owner of the Premise to connect to the Town's Sanitary Sewage System as laid out in section (12)(c).
- (16) Where the Director takes any action pursuant to subsection (15), the Director will notify the Owner of the Premise of the action and the reasons for it in writing.
- (17) A suspension or revocation issued by the Director may be appealed to the Manager no later than 14 days after the date of which the suspension or revocation was issued.
- (18) When in the opinion of the Director it becomes practical and the costs are reasonable for the Premises served by a private sewage disposal to connect to the Town's Sanitary Sewage System, the Director shall notify the Owner of the Premises in writing:
- (a) The waiver issued pursuant to section (13) will be revoked by a specified date not less than sixty days from the issuance of the written notice,
 - (b) To connect to the Town's Sanitary Sewage System prior to the date the waiver is revoked pursuant,
 - (c) Pay for all or part of the costs to extend the Town's Sanitary Sewage System as required by the Director to provide Sanitary Sewage service to the Premise.

OPERATION AND MAINTENANCE

- (19) The Town shall operate and maintain the Town's Sanitary Sewer System.
- (20) The Owner of a Premise shall operate and maintain the private plumbing system of the Premise.
- (21) A Person is required to report to the Town any connection or equipment located on a Premise that does not comply with the Safety Codes Act and/or this Bylaw.
- (22) No Person shall uncover, expose, make any connections with or opening into, use, alter, or disturb the Town's Sanitary Sewage System or appurtenances thereof unless authorized by the Director.



- (23) Any Person desiring to connect their Premise(s) to the Town's Sanitary Sewage System shall make an application to the Director and pay for all costs to install the connection to the Town's Sanitary Sewer System. The Director may order:
- (a) The Owner of a Premise at their expense to provide:
 - (i) A design for the connection to the Town's Sanitary Sewer System at a suitable location,
 - (ii) Certification by a Qualified Person that the permanent connection has been completed as per the design,
 - (iii) 7 days notification to allow the Director to schedule Town Personnel to witness the connection.
 - (b) The Director, at their discretion may offer for the Town to install the connection to the Town's Sanitary System at the expense of the Owner of the Premise.
- (24) In the event there are any outstanding issues relating to any unresolved utility or property related matter, administration may at their discretion withhold the installation of any service connection to a parcel and refer the matter to Council for consideration.
- (25) Unless specifically authorized by Council, only one (1) sewer service connection shall be permitted for any legal parcel.
- (26) All service connections to a Premises from the Town's Sanitary Sewage System:
- (a) Will be tied into the nearest sanitary line,
 - (b) Laid out to at least the property line,
 - (c) Connection to the Town's Sanitary Sewage System from the Premise shall be done without crossing property boundaries other than to an abutting road or utility right-of-way where the Town's Sanitary Sewage System is located.
- (27) All plumbing and service lines on a Premise shall be constructed by the Owner of the Premise at their expense to the requirements of this Bylaw and the Safety Codes Act as applicable.
- (28) Installation of all plumbing and service lines on a Premise require permits under the Safety Codes Act.
- (29) When any connection to the Town's Sanitary Sewer System is being discontinued, the Owner of the Premise or his agent shall:
- (a) Notify the Director in writing,
 - (b) Permanently disconnect from the Town's Sanitary Sewer System at the expense of the Owner of the Premise as required by the Director. The Director may order the Owner of a Premise to provide:
 - (i) A design for the permanent disconnection from the Town's Sanitary Sewer System at a suitable location to prevent sewage being released into the soil, or dirt and groundwater from entering the Town's Sanitary Sewer System,
 - (ii) Certification by a Qualified Person that the permanent disconnection has been completed as per the design,



- (iii) 7 days notification to allow the Director to schedule Town Personnel to witness the disconnection.
- (c) The Director, at their discretion, may offer for the Town to disconnect the connection to the Town's Sanitary System at the expense of the Owner of the Premise.

LIMITATION OF THE TOWN'S LIABILITY

- (30) The Town is not liable for damages or loss by any Person due to the operation of the Town's Sanitary Sewage System, unless such damage is directly due to the negligence of the Town or its employees. The Town will not be liable for damages resulting from any of the following:
 - (a) Settlement of an excavation or trench made for the purpose of installing, maintaining, or repairing any part of the Wastewater System on private property,
 - (b) Break of a Wastewater connection, lateral, branch, trunk, or main,
 - (c) Disruption of the Town's Sanitary Sewage System for the repair or maintenance of the Wastewater System,
 - (d) Disruption of the Town's Sanitary Sewage System in the event of an emergency.

RUNOFF

- (31) No Person shall release any Wastewater into the Town's Sanitary Sewer System unless:
 - (a) The Person submits an applicable laboratory analysis and obtains written permission from the Director,
 - (b) The Clear Wastewater is Foundation Drainage that was connected to the Wastewater System before 1980, unless the system was designed and approved by the Town for connection to the Town's Sanitary Sewer System.
- (32) No Person shall discharge or cause to be discharged any generated stormwater, surface water, groundwater, roof run-off, sub-surface drainage, weeping tile systems, cooling water, or industrial water to the Town's Sanitary Sewer System. If a connection already occurs, or is required, the Director may, on individual application, authorize such discharge, including water quality compliance and monitoring, in addition to any other required provisions.
- (33) The Owner of the Premises shall not connect roof leaders, eaves troughs, downspouts, or any other form of a storm drainage system to the Town's Sanitary Sewer System.
- (34) Stormwater and all other unpolluted drainage shall be discharged to such systems that are specifically designated as storm drainage systems that convey the generated stormwater to a treatment pond or Natural Outlet approved by the Director.
- (35) No weeping tile, Foundation Drainage, storm drainage system, or sump pump system shall be connected to the Town's Sanitary Sewer System unless approved in writing by the Director.



QUALITY OF DISCHARGES TO THE TOWN'S SANITARY SEWAGE SYSTEM

- (36) No Persons shall place anything or any substance into the Town's Sanitary Sewer System that may:
- (a) Create an Adverse Effect to the Town's Sanitary Sewer System,
 - (b) Can interfere with the operation of the Town's Sanitary Sewer System,
 - (c) Cause a violation with respect to the Town's operating approvals.
- (37) The following are characteristics the Town has determined may create an Adverse Effect, interfere with the operation and/or may cause a violation with respect to operating approvals of the Town's Sanitary Sewer System and discharges exceeding these limits to the Town's Sanitary Sewer System are a violation of this Bylaw:
- (a) A five-day B.O.D. greater than 300mg/l,
 - (b) Containing more than 300mg/l Suspended Solids,
 - (c) Containing more than 100mg/l of fat, oil or Grease either singly or in combination,
 - (d) Containing more than 600mg/l chemical oxygen demand (C.O.D.),
 - (e) Containing more than 10mg/l total phosphorus,
 - (f) Containing more than 50mg/l total Kjeldahl nitrogen,
 - (g) Liquid or vapour having a temperature higher than 62 degrees Celsius.
- (38) The Director may require greater restrictions than are specified in section (37), if in his/her opinion such a limitation is necessary based on the load capacity of the sewage treatment facilities. Any Person so restricted may appeal the limits established by the Director to the Municipal Manager, who shall hear the appellant and the Director or agent of either, together with other technical or expert witnesses, as the Municipal Manager shall deem appropriate.
- (39) The following are substances the Town has determined may create an Adverse Effect, interfere with the operation and/or may cause a violation with respect to operating approvals of the Town's Sanitary Sewer System and the discharge of such to the Town's Sanitary Sewer System is a violation of this Bylaw:
- (a) Any explosive substance including gasoline, diesel, oil, benzene, liquid propane, naphtha, fuel oil, solvents, petroleum products, or any other flammable or explosive liquids, fuel, solvent, or gas,
 - (b) Ashes, cinders, sand, potters clay, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground Food Wastes, Garbage, any solids, or viscous substance capable of causing any obstruction to the flow of Wastewater through the Wastewater System,
 - (c) Animal waste including:
 - (i) Any paunch manure or intestinal contents from horses, cattle, sheep, or swine,
 - (ii) Animal hooves, toenails, or bone scraps,
 - (iii) Animals intestines or stomach casings,



- (iv) Bones,
 - (v) Hog bristles,
 - (vi) Hides or parts thereof,
 - (vii) Animal fat or flesh in particles larger than will pass through a 6 mm screen,
 - (viii) Horse, cattle, sheep, or swine manure,
 - (ix) Poultry entrails, heads, feet, feathers, or eggshells,
 - (x) Fleshing material and hair resulting from tanning operations.
- (d) Contains a substance that is above the approved concentration limit as described in Schedule B,
- (e) Any substance containing hydrogen sulphide, carbon disulphide, or any other sulfur compounds,
- (f) Any Wastewater that:
- (i) Has a pH of less than 5.5 or greater than 9.5,
 - (ii) Has a temperature in excess of 70 degree Celsius,
 - (iii) Contains radioactive materials,
 - (iv) Is corrosive or toxic Wastewater that causes or will cause an Adverse Effect,
 - (v) Contains biological substances,
 - (vi) Contains unused or waste pharmaceuticals,
 - (vii) Contains unused or waste chemical substances,
 - (viii) Contains Hazardous Substances,
 - (ix) Contains pesticides,
 - (x) Contains herbicides,
 - (xi) Contains insecticides,
 - (xii) Grit removed from IC Premises including car wash establishments, automobile garages, and Restaurant sumps.
- (g) Any noxious odorous gas or substance capable of creating a public odour nuisance,
- (h) The following products:
- (i) Paper towel,
 - (ii) Cosmetic wipes,
 - (iii) Baby wipes,
 - (iv) Rags,
 - (v) Feminine hygiene products,
 - (vi) Dental floss,
 - (vii) Contact lenses,



- (viii) Condoms,
- (ix) Cotton swabs,
- (x) Diapers,
- (xi) Tissues,
- (xii) Medication,
- (xiii) Hair,
- (xiv) Cigarette butts,
- (xv) Cooking Grease and oil,
- (xvi) Kitty litter,
- (xvii) Band aids,
- (xviii) Bleach,
- (xix) Paint,
- (xx) Mop heads,
- (xxi) Dusting products,
- (xxii) Floor cleaning wipes,
- (xxiii) Cooking oil,
- (xxiv) Cooked bacon/animal fat,
- (xxv) Wax,
- (xxvi) Candles,
- (xxvii) Flushable Wipes.

QUANTITY (VOLUME OF WASTEWATER)

- (40) No Person shall discharge or cause to be discharged into the Town's Sanitary Sewer System a greater volume than two thousand eight hundred (2,800) cubic metres per month without obtaining a license so to do from the Director, but no such license be given by the Director until:
- (a) Such a Person has made application in writing for permission to discharge industrial, factory waste, or sewage into a Wastewater System within, or entering, the Town Wastewater System;
 - (b) Such applicant shall have given the chemical and physical analysis, quantity, and volume of discharge, in addition to any other detailed information that is required. If applicable, information relating to any proposed pre-treatment before discharge must be included; and
 - (c) The application has been formally approved in writing by the Director.
- (41) An observation/sampling location accessible to the Town must be installed on every commercial, horticultural, and industrial wastewater connection to the Town's Sanitary



Sewer System. The Director will require the observation/sampling location to have an approved sewage flow metre installed for any of the following:

- (a) Connection to the Town's Sanitary Sewer System from a Premise where the discharge exceeds the quantity specified in section (40),
- (b) It is evident that the peak flow into the Town's Sanitary Sewer System causes the service pipe to flow full at any time as observed at the observation/sampling location. The observation can be made by direct observation of flows, measured elevation of fluid levels or visual evidence provided by residuals left on the observation/sampling station of high fluid level,
- (c) Any connection where it is evident through investigation that peak flows or large flows from any premises are causing capacity issues in the Town's Sanitary Sewer System.

PRE-TREATMENT

- (42) Where a Premise may discharge Wastewater to the Town's Sanitary Sewer System that exceeds the characteristics specified in section (37) or the Director has imposed limits as specified in section (38) or substances specified in section (39) or any other characteristic, substance, or peak discharge that would place the Premise or Person in violation of section (36) the Director shall require the installation of pre-treatment facilities on the Premise.
- (43) The pre-treatment facilities shall be installed as follows:
 - (a) Oil/sand interceptors shall be provided on private property for all:
 - (i) Commercial garages,
 - (ii) Gasoline service stations,
 - (iii) Fuel transfer stations,
 - (iv) Automobile and/or truck washing establishments,
 - (v) Other types of businesses where in the opinion of the Director they are necessary for the proper handling of liquid waste containing any flammable wastes, sand, and other harmful ingredients or Grease in excessive amounts.
 - (b) Grease traps shall be provided on private property for all:
 - (i) Restaurants,
 - (ii) Commercial kitchens,
 - (iii) Bakeries,
 - (iv) Food processors,
 - (v) Other types of businesses where in the opinion of the Director they are necessary for the proper handling of liquid waste containing Grease in excessive amounts.
 - (c) Where in the opinion of the Director a Premise is discharging substances that cannot be effectively be dealt with by oil/sand interceptors and/or Grease traps the Director will require the Owner of the Premise at their own expense to provide:



- (i) A Wastewater information report outlining the characteristics and substances in the Wastewater,
 - (ii) Plans prepared by a Qualified Person for pre-treatment of the Wastewater to meet the requirements for discharge to the Town's Sanitary Sewer System for approval of the Director,
 - (iii) Installation of the pre-treatment facilities as approved by the Director,
 - (iv) Certification from a Qualified Person that the pre-treatment system has been installed as per design and that testing results demonstrate that the discharges to the Town's Sanitary Sewer System meet or exceed the requirements.
- (44) Oil/sand interceptors and Grease traps are not required for private living quarters or Dwelling Units unless it is demonstrated that the private living quarters or Dwelling Unit is the source of a substance causing a violation of section (36).
- (45) All oil/sand interceptors and Grease traps shall be:
- (a) Of a type and capacity as to conform to legislated standards,
 - (b) Shall be located as to be readily and easily accessible for cleaning and inspection,
 - (c) Shall be maintained by the Owner, at his expense, in continuously efficient operation at all times.
- (46) Where pre-treatment facilities are required pursuant to section (43)(c) the Owner of the Premises at his own expense shall:
- (a) Maintain the pre-treatment system continuously in satisfactory and effective operation,
 - (b) Conduct regular testing of the discharges to the Town's Sanitary Sewer System to confirm the discharges meet or exceed the requirements,
 - (c) Keep the pre-treatment system up to date with all current legislation and regulations with respect to the quality of Wastewater disposed to the Town's Sanitary Sewer System, disposal of other wastes from the pre-treatment system, testing, and other regulatory requirements,
 - (d) Provide the Director on an annual basis with a report prepared by a Qualified Person confirming the pre-treatment system is working as required and that the Owner of the Premise is following all legislation, regulations, and requirements of the Director.
- (47) Where the installation of pre-treatment is required by sections (42) and (43), the Owner of the Premise, shall at his expense install a sampling, and measuring point at or near the location where the private plumbing system and the Town's Sanitary Sewer System connect to facilitate observation, sampling, and measurement of the Wastewater from the Premise. The sampling point shall be:
- (a) A manhole with a minimum diameter of 1200mm,
 - (b) Located on the Premise,
 - (c) Shall always be accessible to Town Personnel,



- (d) Located so it can always be safely accessed,
 - (e) The Director may grant a waiver to the requirement of a sample point if in the opinion of the Director:
 - (i) The quality or quantity of the Wastewater from a Premise is not likely to exceed the requirements,
 - (ii) That there is no suitable safe place to install the sample point,
 - (iii) That the costs of installing the sample point exceeds the value to the Town of having the sample point.
- (48) All measurements, laboratory tests, recorded data tests, and analysis for the characteristics of industrial waste, sewage, Wastewater, or water to which reference is made in this Bylaw shall be determined in accordance with the "Standard Method for the Examination of Water and Sewage" of the American Public Health Association and an Accredited Laboratory. The location will be the sample location provided for in section (47) of this Bylaw. If no sample point has been required, the control manhole shall be the nearest downstream manhole in the Wastewater System to the point at which the sewer connection of the Premises enters the Town's Sanitary Sewer System.
- (49) No statement contained in this Bylaw shall be construed as preventing any special agreement or arrangement between the Town and the Owner of any Premise. Such an agreement or arrangement shall:
- (a) Be for a period not exceeding one year or other time as approved by the Town,
 - (b) Discharges exceeding the limits set forth in sections (37) and (39) will be accepted under the conditions specified in the special agreement or arrangement,
 - (c) Can only be entered into with a Person already carrying on the business in Redcliff for which the agreement is contemplated, and that any such agreement shall terminate no later than one year following the date on which this Bylaw comes into effect,
 - (d) No such agreement or arrangement shall provide any rebate of the sewerage service charges described in this Bylaw except as compensation for the installation by a Person of sewage pre-treatment facilities,
 - (e) All special agreements or arrangements must be reviewed in the event any repair, modification, addition, or deletion of the Industrial Wastewater system is completed,
 - (f) Require notification and approval of the Director in writing of any changes to the quantity or quality or constituents of the discharges to the Town's Sanitary Sewage System or any modification to pre-treatment systems laid out in the agreement.

SANITARY SYSTEM BLOCKAGES

- (50) In the event of any blockage, either wholly or in part, of the Town's Sanitary Sewer System that is caused by reason of failure, omission, or neglect to comply strictly with the foregoing provisions, the Owner shall, in addition to any penalty for infraction of the provisions hereof, be liable to the Town for all costs of clearing such blockage and repairing any potential damages to the Town's Sanitary Sewer System.



- (51) In the event of any blockage, either wholly or in part, of the Town's Sanitary Sewer System that is caused by the flushing of items listed in section (39) the Owner of the Premises will be responsible for all the repair costs including:
- (a) Any staff time charges,
 - (b) Any equipment charges,
 - (c) Any disposal charges,
 - (d) Any repair or replacement of:
 - (i) Pipe,
 - (ii) Fittings.
 - (e) Any replacement of surface improvements including:
 - (i) Road base gravels,
 - (ii) Paving, including but not limited to asphalt and concrete,
 - (iii) Traffic control devices, including but not limited to line painting and signs,
 - (iv) Concrete, including but not limited to sidewalk, curb, and gutter,
 - (v) Landscaping, included but not limited to trees, grass, shrubs, underground irrigation systems, and topsoil.
- (52) The Director will review the costs of repairing the blockage and certify the costs to be invoiced to the Owner of the Premise. The Town will invoice the Owner of the Premise for the costs of repairing the blockage. The invoice shall be due and payable within 30 days of the date of issuance.
- (53) In the event the Owner of the Premise fails to pay the full invoice:
- (a) On the 21st day following the due date, the Town of Redcliff shall add by way of penalty, an amount which shall be two-and-one-half percent (2.5%) of the unpaid current invoice. The said penalty shall be added to and form part of the unpaid invoice.
 - (b) On the 60th day following the due date, the Town of Redcliff shall transfer any outstanding balance to the property tax account respective of the Premise and any amount transferred shall be deemed to be taxes owing to the Town on the date of transfer.
- (54) If a sanitary sewer line that is on Town property is plugged or has a build-up due to Grease, oil, and/or sand that can be directly linked to a neighbouring business not installing or maintaining the required interceptors, all repair costs will be the responsibility of the Owner of the Premises.

POWER AND AUTHORITY OF INSPECTOR

- (55) The Director and any authorized employees of the Town shall be permitted to enter upon all properties for the purpose of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this Bylaw. If such inspection discloses any failure, omission, or neglect to clean out such sumps, Grease traps, and oil traps, or discloses any



defect in the location, construction, design, or maintenance of any component of the Wastewater System including any connection from the Premises to the Town's system, the Person making such inspection shall in writing notify the said Owner, Proprietor, or occupier to rectify the cause of complaint.

SEWER SERVICE CHARGE

- (56) All Persons owning or occupying a Premise connected to the Town's Sanitary Sewer System shall pay a monthly sewerage charge as per the Sewer Rates Bylaw established by Council.
- (57) Council may enact special sewer service charges where Wastewater is metered.
- (58) Notwithstanding the provisions of section (56), the Council of the Town of Redcliff, on the recommendation of the Director, may make special agreements on terms fixed by Council on the Owner of a Premise for sewer service charges for a Premise:
- (a) That consume large quantities of water that is sold to the Premise by the Town but where the water is consumed by the processes used on the Premise and comparable amounts of Wastewater are not returned to the Town's Sanitary Sewer System,
 - (b) Special surcharges where sections (40) and (49) apply,
 - (c) That discharge large quantities of Wastewater to the Town's Sanitary Sewer System where the Town does not sell these quantities of water to the Premise.

PART 3 OFFENCES & PENALTIES

OFFENCES

- (59) Any Person who contravenes any provision of this Bylaw is guilty of an offense punishable by issuance of:
- (a) Town notice/violation ticket; or
 - (b) A summons/violation ticket (Part 2); or
 - (c) An offense notice/violation ticket (Part 3).
- (60) Any notice, violation, or summons ticket will be served by a Bylaw Enforcement Officer or a Peace Officer, in accordance with the provisions of the Provincial Offences Procedure Act.

ENFORCEMENT

- (61) Where the Director, a Peace Officer, Bylaw Enforcement Officer, or Person authorized and designated by the Director to enforce this Bylaw believes on reasonable and probable grounds that a contravention of this Bylaw has occurred they may, without the Town incurring liability:
- (a) Demand the immediate cessation of the contravention,



- (b) Take actions to stop the contravention including:
 - (i) Temporarily closing or shutting off the service,
 - (ii) Ordering and/or installing temporary works to stop or minimize the contravention,
 - (iii) Other actions deemed necessary to stop or minimize the contravention,
 - (c) Enter a Premise to investigate.
- (62) A Person who contravenes the provisions of this Bylaw, irrespective of whether the Person has been served under section (59), shall be liable to reimburse the Town for all costs reasonably incurred by the Town from:
- (a) Repairing the damages done to Town infrastructure and property,
 - (b) Removing litter, Garbage, signs, vehicles, equipment, or other materials or property,
 - (c) Disposing of litter and Garbage.
- (63) A Person shall not be convicted of an offence if it is established upon a preponderance of the evidence that the Person took all reasonable steps under the circumstances to avoid the contravention of this Bylaw.
- (64) Nothing in this Bylaw shall be construed as preventing any Peace Officer or Bylaw Enforcement Officer from issuing a summons or offence notice under the Provincial Offences Procedure Act or otherwise initiating court process in any manner permitted by law, in respect of an alleged offence for which a violation ticket may be issued.

PENALTIES

- (65) A ticket issued under section (59) shall:
- (a) State the provision of this Bylaw alleged to have been contravened;
 - (b) State the fine set out in Schedule "A" to this Bylaw; and
 - (c) In the case of a Town ticket, the date which the ticket must be paid at Town Hall, with any reduction in ticket amount for payment before the specified date outlined in Schedule "A" to this Bylaw, after which the Bylaw Enforcement Officer or a Peace Officer will reissue the ticket as offense notice/violation ticket.
- (66) A ticket shall be deemed to be sufficiently served for the purposes of this section if:
- (a) Served personally on the Person alleged to have contravened the provision of this Bylaw set out in the violation notice;
 - (b) Mailed to the address of any registered Owner of the Premise in respect of which the offence is alleged to have been committed, in which case service is deemed to have occurred on the seventh day after mailing of the violation notice, the day of mailing excluded;
 - (c) Sent by registered mail to the address of any registered Owner of the Premise in respect of which the offence is alleged to have been committed, in which case service is deemed to have occurred on the seventh day after mailing of the violation notice, the day of mailing excluded; or



- (d) Attached to or left upon the Premise in respect of which the offence is alleged to have been committed.

GENERAL

- (67) Each separate provision of this Bylaw shall be deemed to be independent of all other provisions and it is the intention of Council that if any portion of this Bylaw be declared invalid by a Court of competent jurisdiction, then the invalid portion must be severed and the remainder of this Bylaw shall remain valid and enforceable.
- (68) When there is a conflict between a provision of this Bylaw and any Federal and/or Provincial Acts and Regulations, the more restrictive provision prevails.
- (69) If any provision of the Bylaw provides for an exception or an exemption, the onus or burden of establishing the exception or exemption in any Court proceedings shall be on the Person charged with the offence under the Bylaw.
- (70) Bylaw No. 1218/99 is hereby repealed.
- (71) This Bylaw comes into force following third reading and signing.

READ a first time this 13th day of April 2020, A.D.,

READ a second time this 27th day of April 2020, A.D.,

READ a third time this 27th day of April 2020, A.D.,

PASSED and **SIGNED** this 30 day of APRIL 2020, A.D.



MAYOR



MANAGER OF LEGISLATIVE & LAND SERVICES

Schedule “A”: Fines

Nature of Offence	Section	Penalty
Operating a Private Sewage Disposal System without approval of the Director	(13)	\$1,000.00
Installing a Private Sewage Disposal System without approval of the Director	(13)(b)(i)	\$1,000.00
Failing to provide the Director with certification of the installation of a Private Sewage Disposal System	(13)(b)(ii)	\$1,000.00
Failing to meet the ongoing reporting requirements	(13)(b)(iii)	\$500.00
Failing to operate a Private Sewage Disposal System in compliance with regulations and requirements	(13)(c)	\$500.00
Failing to provide the Director with a decommissioning and rehabilitation report	(13)(d)	\$250.00
Failure to report any connection or equipment located on a Premise that does not comply with the Safety Codes Act and/or this Bylaw	(21)	\$500.00
Unauthorized, uncovering, exposing, making connections with or openings into, using, altering or disturbing the Town's Sanitary Sewage System or appurtenances thereof	(22)	\$1,000.00
Unauthorized discharge of generated stormwater, surface water, groundwater, roof run off, sub-surface drainage, weeping tile systems, cooling water, or industrial water to The Town's Sanitary Sewer System	(32), (33), (34), (35)	\$1,000.00
Failure to unknowingly comply with the discharge of Wastewater that does not meet quality guidelines	(36), (37), (38), (39)	\$1,000.00
Failure to knowingly comply with the discharge of Wastewater that does not meet quality guidelines	(36), (37), (38), (39)	Up to \$50,000 including charges under the Water Act
Failure to comply with the maximal volume discharge limit	(40)	\$1,000.00

Schedule “B”: Concentration Limits

Wastewater containing the following components in excess of the following concentrations is restricted from entering the Town’s Wastewater System:

Substance	Concentration Limit (mg/L)
Aluminum, total	50.00
Antimony, total	5.00
Arsenic, total	1.00
Benzene	0.50
Beryllium, total	1.00
Bismuth, total	5.00
Boron, total	5.00
BTEX	1.00
Cadmium, total	0.70
Chloride	1500.00
Chloroform	0.05
Chromium, total	3.00
Cobalt, total	5.00
Copper, total	2.00
Cyanide	1.20
Dichlorobenzene (1,2-)	1.00
Dichlorobenzene (1,4)	1.00
Ethylbenzene	0.50
Fluoride	10.00
Hexachlorobenzene	0.06
Hydrocarbons	50.00
Iron, total	50.00
Lead, total	0.70
Manganese, total	5.00
Mercury, total	0.01
Methylene chloride (dichloromethane)	0.09
Molybdenum, total	5.00
Nickel, total	2.00
PCBs (chlorobiphenyls)	0.004
Phenolic Compounds	1.00
Selenium, total	1.00
Silver, total	0.50
Sulphate	1500.00
Sulphides	1.00
Tetrachloroethane (1,1,2,2-)	0.06
Tetrachloroethylene	0.06
Thallium, total	0.50
Tin, total	5.00
Titanium, total	5.00
Toluene	0.50
Total Nitrogen	50.00
Trichloroethylene	0.05
Vanadium, total	5.00
Xylenes, total	0.50
Zinc, total	2.00