

BYLAW NO. 15-2021

A BYLAW OF THE CITY OF LLOYDMINSTER IN THE PROVINCES OF ALBERTA AND SASKATCHEWAN TO PROVIDE FOR THE REGULATION OF USE OF THE SANITARY AND STORM SEWERS AND TO PROVIDE FOR THE USE OF THE PUBLIC WASTEWATER SYSTEM AND PROVISIONS OF SERVICES RELATED THERETO.

WHEREAS the Council of the City of Lloydminster deems it necessary to establish a Bylaw to deal with public utilities.

AND WHEREAS the *Lloydminster Charter* provides authority to City Council to pass bylaws for municipal purposes;

AND WHEREAS the *Lloydminster Charter* provides authority to the City to pass bylaws respecting the enforcement of bylaws.

NOW THEREFORE the Council of the City of Lloydminster deems it necessary to establish a Bylaw to regulate the use of the Sanitary and Storm Sewers and to provide for the use of the public Wastewater System; and

NOW THEREFORE, the Council of the City of Lloydminster, pursuant to the authority granted in Section 15 of the *Lloydminster Charter*, enacts as follows:

1. SHORT TITLE

1.1. This Bylaw shall be cited as the Lloydminster Wastewater Bylaw.

2. DEFINITIONS

2.1. The definitions listed in Schedule "A" attached to this Bylaw shall apply, unless context otherwise requires.

3. APPOINTMENT, AUTHORITY AND DUTIES OF THE CITY MANAGER

3.1. Except where specific authority is reserved to Council, in the Bylaw the administration and enforcement of this Bylaw is hereby delegated to the City Manager.

3.2. Without restricting any other power, duty or function granted by this Bylaw, the City Manager may carry out anything required for the administration of this Bylaw, including but not limited to the following:

3.2.1. delegate any powers, duties or functions under this Bylaw to an employee of the City;

3.2.2. carry out any inspections that are reasonably required to determine compliance with this Bylaw;

3.2.3. establish any forms required for the administration of this Bylaw.

4. SEWER USE PROVISIONS

4.1. No Person shall Release or permit the Release of any matter into the Collection System, or any water course except as permitted in this Bylaw.



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- 4.2. No Person shall Release or permit the Release of any Prohibited Waste into the Collection System, as outlined in Schedule "C".
- 4.3. No Person shall Release or permit the Release of any Restricted Waste into the Collection System, except as permitted in Schedule "D".
- 4.4. No Person shall Release or permit the Release of any Hazardous Waste into the Collection System.
- 4.5. No Person shall Release any matter outlined in Schedule "B" without a Discharge Permit issued by the City Manager.
- 4.6. A Person who keeps, stores, or transports a Prohibited or Restricted Waste shall do so in a manner that ensures that the Prohibited or Restricted Waste is not Released into the Collection System.
- 4.7. No Person shall Dilute Wastewater in order to enable the Release of the Wastewater in accordance with any Part of this Bylaw.
- 4.8. No Person shall alter, remove, or destroy any:
 - 4.8.1. drainage devices, facilities or infrastructure installed on private property that have been required or approved by the City Manager; or
 - 4.8.2. part of the Collection System.
- 4.9. No Person shall Release, discharge, or permit the Release or discharge of Hauled Wastewater unless meeting the requirements outlined in Schedule "E".
- 4.10. Nothing contained in this Bylaw shall have the effect of negating any legal requirements to obtain any permits, permission, approvals or certificates from a provincial government, the federal government, a government department or agency, or a regulatory body or agency having jurisdiction. Permits, approvals, consents and permissions granted pursuant to this Bylaw are subject to any such further permits, approvals, consents and permissions, which may be legally required.

5. RELEASE REPORTING

- 5.1. Any Person who Releases or permits the Release of any matter other than those permitted in this Part shall, immediately after becoming aware of the Release, notify:
 - 5.1.1. the proper Provincial Authority as per Federal and Provincial requirements;
 - 5.1.2. the City Manager;
 - 5.1.3. if known, the Owner of the premises from which the Release originated;
 - 5.1.4. any Person who may be directly affected by the Release; and
 - 5.1.5. if there is immediate danger to human health or safety, 911 emergency services.



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6. RELEASE CONTROL

- 6.1. Any Person who Releases or permits the Release of any matter other than those permitted in this Bylaw shall immediately, after becoming aware of the Release, take all reasonable steps to:
 - 6.1.1. confine, remedy and repair the effects of the Release;
 - 6.1.2. protect the health and safety of the public;
 - 6.1.3. minimize damage to property;
 - 6.1.4. protect the environment; and
 - 6.1.5. remove or otherwise dispose of the matter as per applicable municipal, provincial, and federal standards.
- 6.2. At the time of a Release, samples may be collected by the City Manager and subsequent penalties may be assessed, as outlined in Schedule "F".
- 6.3. The City may invoice the Person Responsible for the Release to recover the costs of time, materials, and services arising as a result of the Release. This will include remediation, clean up, and all other associated costs. The Person Responsible shall pay the costs invoiced upon demand.
- 6.4. The Owner of the premises where the Release occurred shall notify the proper Provincial Authority as per Federal or Provincial requirements.
- 6.5. The Owner of a premises from which a Release has been reported shall submit a written report to the City Manager within five (5) working days of the Release. The report shall include all parameters listed in Schedule "G".
- 6.6. The City Manager may require the Person Responsible for the Release or the Owner of the premises to prepare and submit a Spill Contingency Plan to the City to indicate how risk of future incidents will be mitigated and how future incidents will be addressed.

7. FLOW MONITORING ACCESS POINTS

- 7.1. The Owner of a premises serviced by the Collection System shall install and maintain an accessible Flow Monitoring Access Point in a location acceptable to the City Manager on each pipe leaving the property:
 - 7.1.1. when the property is developed, or a new pipe is added;
 - 7.1.2. when the property is redeveloped, or an existing pipe is replaced; and
 - 7.1.3. when required to do so by the City Manager.
- 7.2. Section 7.1 above shall not apply to:
 - 7.2.1. residential properties discharging only Wastewater from domestic sources; and
 - 7.2.2. Minor Redevelopments exempted by the City Manager.

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- 7.3. A Manhole required by this Bylaw shall be constructed in accordance with plans approved by the City Manager.
- 7.4. The monitoring access point must allow observation, sampling, and Flow Measurement of the Wastewater or Storm Water therein.
- 7.5. The Owner of a premises shall ensure that the City Manager has a reasonable means of accessing the Flow Monitoring Access Point.
- 7.6. Where installation of a Flow Monitoring Access Point is not possible, an alternative device or facility may be substituted with the prior written approval of the City Manager.
- 7.7. No Person shall obstruct, interfere, or alter the Flow Monitoring Access Point from its intended purpose.

8. MONITORING DEVICES

- 8.1. The Owner of a premises shall install and maintain monitoring devices when required to do so by the City Manager.
- 8.2. An Owner required to install and maintain a monitoring device pursuant to this section shall:
 - 8.2.1. submit the data produced by the monitoring device to the City Manager on a monthly basis; and
 - 8.2.2. notify the proper Provincial Authority as per federal or provincial requirements when the monitoring device detects a Release of a Hazardous, Prohibited, or Restricted Waste.

9. DISCHARGE SELF-MONITORING

- 9.1. A Person Responsible for Self-Monitoring of any discharge to the Collection System as required by the City Manager must provide reports to the City in the form approved by the City Manager.
- 9.2. All tests, measurements, and analyses of Wastewater relevant to this Bylaw for Self-Monitoring shall be carried out in accordance with Standard Methods. The analysis shall be performed by an independent Accredited Laboratory to the satisfaction of the City Manager, as agreed upon in writing prior to the sample analysis.
- 9.3. All tests, measurements, and analyses of Wastewater relevant to this Bylaw for Self-Monitoring shall be carried out at the expense of the discharger or Person Responsible.

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10. SAMPLING AND ANALYTICAL REQUIREMENTS

- 10.1. The City Manager may require samples be taken for the purpose of determining the concentration of components in the Wastewater or Storm Water.
- 10.2. Where sampling is required, the samples may be collected by the City Manager and:
 - 10.2.1. Any single Grab Sample may be used to determine compliance with Schedule "B", "C", "D", "E", or "F"; and
 - 10.2.2. Depending on the industry or type of Waste being discharged, samples may be taken on more than one day.
- 10.3. All tests, measurements, analyses, and examinations of Wastewater, its characteristics or contents pursuant to this Bylaw, shall be carried out in accordance with Standard Methods and performed by an Accredited Laboratory for analysis of the substance(s), using a method which is within the laboratory's scope of accreditation or to the satisfaction of the City Manager, as agreed in writing prior to the sample analysis.
- 10.4. Where there is no Flow Monitoring Access Point meeting the requirements of Section 17, the City Manager may, by written notice, make use of an alternative device or facility for the purpose of sampling a discharge to the Wastewater System. If deemed necessary by the City Manager, a Flow Monitoring Access Point shall be installed at the Owner's expense.
- 10.5. When the discharged Wastewater or Storm Water contains substances not permitted by Schedule "B", Prohibited Wastes as outlined in Schedule "C", or substances exceeding the discharge limits in Schedule "D", the costs of all sampling and analysis shall be paid by the Owner/Operator. Such costs shall constitute a debt due to the City payable upon demand.

11. INTERCEPTORS

- 11.1. The Owner of any premises in which there is commercial or institutional food preparation shall provide an oil and grease Interceptor:
 - 11.1.1. on all fixtures that may Release oil or grease; or
 - 11.1.2. downstream of all fixtures that may Release oil or grease.
- 11.2. The Owner of a premises in which vehicles or equipment are serviced, repaired, disassembled, washed, fueled or washed shall provide an oil, grease, and sand Interceptor:
 - 11.2.1. on all fixtures that may Release oil, grease or sand; or
 - 11.2.2. downstream of all fixtures that may Release oil, grease or sand.

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- 11.3. The Owner of a premises in which a dental facility is located shall install a dental amalgam separator on all fixtures that may Release dental amalgam Waste to the Collection System.
- 11.3.1. Notwithstanding Section 11.3 above any premise exempted by the City Manager or practising exclusively Orthodontics and Dentofacial Orthopedics, Oral and Maxillofacial Surgery, Oral Medicine and Pathology, Oral and Maxillofacial Radiology or Periodontics shall be exempt from section 11.3 above.
- 11.4. The Owner of a premises shall install an Interceptor when required to do so by the City Manager.
- 11.5. All Interceptors required by this Bylaw shall be installed and maintained according to the Code of Practice established by the City Manager.
- 11.6. A maintenance schedule and record of maintenance shall be made available to the City Manager upon request for each Interceptor installed.
- 11.7. The Owner or operator of a premises identified in Section 11.1, 11.2 and 11.4 above shall, for a minimum of two (2) years, keep proof of Interceptor clean-out including oil, grease, and sediment disposal.
- 11.8. Emulsifiers shall not be discharged to the Collection System, or into Interceptors.
- 11.9. No Person shall use enzymes, bacteria, solvents, hot water or other agents to facilitate the passage of oil and grease through a grease Interceptor, without written permission of the City Manager.
- 11.10. The City Manager may authorize, without prosecution or conviction, the discontinuance of access to the City's water system and/or Wastewater System if Releases from a premises or location have been in contravention of this Bylaw, and anticipates that future contraventions may occur.
- 11.11. The Owner of a premises shall install screens or Pre-Treatment facilities within the Private Collection System for the premises when required to do so by the City Manager.
- 11.12. The Owner of a premises who treats Wastewater or Storm Water prior to Release to the Collection System must:
- 11.12.1. dispose of any Residue generated in that treatment process in a manner acceptable to the City Manager;
 - 11.12.2. maintain for a minimum of two years accurate records of the amount of Residue stored, transported, and disposed; and
 - 11.12.3. provide the City Manager with the records kept of the storage, transportation, and disposal of the Residue upon request.

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- 11.13. If a partial or total blockage of the Collection System is caused because a Person failed to strictly comply with the provisions of this Bylaw, the Person shall, in addition to any other penalty imposed by this Bylaw, or any other bylaw, or any other law, be liable to the City for all costs of clearing such blockages. Costs may include custom work rates for equipment, manpower, and materials. Such costs shall constitute a debt due to the City payable upon demand.

12. AGREEMENTS

- 12.1. The discharge or deposit of Wastewater by a Person that would otherwise be prohibited by this Bylaw may be permitted by:
- 12.1.1. an Overstrength Surcharge Agreement, for any Wastewater that exceeds the specified parameters in Schedule "D";
 - 12.1.2. A Discharge Permit for Releases of matter into the Collection System as outlined in Schedule "B"; or
 - 12.1.3. a Hauled Wastewater Discharge Agreement, for any Hauled Wastewater to be disposed of at the City of Lloydminster Disposal Site as outlined in Schedule "E".
- 12.2. Overstrength Surcharge Agreements, Permits, and Hauled Wastewater Discharge Agreements shall be in the form prescribed by the City Manager. The Agreements may include fees as identified in Schedule "F" and "H", restrictions on discharge as identified in Schedule "D" and other terms and conditions as may be deemed appropriate by the City Manager.
- 12.3. The City Manager shall be authorized to enter into and execute such Agreements on behalf of the City. The Agreements pursuant to this Bylaw may be terminated by the City Manager by written notice at any time, without penalty for any reason including, but not limited to any emergency or immediate threat or danger to any Person, property, plant or animal life, water or Wastewater System.
- 12.4. An Agreement with the City with respect to the discharge or deposit of Wastewater shall not be assignable or in any way transferable to any other Person without the express written authorization of the City Manager.
- 12.5. Any change to the Commercial, Industrial, and Institutional processes that may affect the quality or quantity of the Wastewater generated shall be submitted in writing to the City Manager prior to implementation.
- 12.6. Any fees imposed on a Person pursuant to an Agreement contemplated in this Bylaw shall be invoiced by the City pursuant to all conditions outlined in Schedule "H".
- 12.7. Any fees imposed on a Person pursuant to an Agreement contemplated in this Bylaw shall be invoiced on a pre-determined schedule.



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13. COMPLIANCE PROGRAM

- 13.1. The Agreements pursuant to Section 27 of this Bylaw may require that a Compliance Program be implemented.
- 13.2. A Compliance Program may set out activities to be undertaken by the industry or business that would result in improved effluent quality from the industry's or business's premises into the Collection System.
- 13.3. The Compliance Program shall be submitted to and approved by the City Manager.

14. PERMITS

- 14.1. A Person applying for a Discharge Permit to Release matter into the Collection System must submit to the City Manager:
 - 14.1.1. an application in form acceptable the City Manager;
 - 14.1.2. any fees payable, as set out in Schedule "H".
- 14.2. The City Manager may revoke, suspend, refuse to issue, vary, or impose conditions in any permit or Agreement if, in the opinion of the City Manager, it is in the public interest to do so.
- 14.3. The holder of a permit, Agreement, or approval must comply with the terms and conditions imposed by the permit, Agreement, or approval.
- 14.4. The onus of proving a permit or Agreement that has been issued in relation to any activity otherwise regulated, restricted, or prohibited by this Bylaw is the responsibility of the Person alleging the existence of such a permit or Agreement.
- 14.5. The onus of proving that a Person is exempt from the provisions of this Bylaw requiring a permit or Agreement shall be the responsibility of the Person alleging the exemption.

15. PENALTIES

- 15.1. Any Person who contravenes this Bylaw is guilty of an offence and is subject to fines as outlined in Schedule "F".
- 15.2. A Person who contravenes any Provision of this Bylaw shall be deemed guilty of an infraction of this Bylaw and is liable to a fine not less than \$250 and not more than \$10,000.
- 15.3. Persons having contravened certain sections of this Bylaw shall be liable for penalties as set out in such section or set out in Schedule "F" hereto.

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- 15.4. A notice or form commonly called a Summary Offence Ticket or a Violation Ticket having printed wording approved by the City Manager, may be issued by a Bylaw Enforcement Officer to any Person alleged to have breached any provision of this Bylaw, and the said notice shall require the payment of the City of Lloydminster in the amount specified in Schedule "F" hereto.
- 15.5. A Summary Offence Ticket or a Violation Ticket shall be deemed to be sufficiently served:
- 15.5.1. if served personally on the accused; or
 - 15.5.2. if mailed to the address of the Person accused by regular mail.
- 15.6. The amounts specified in Schedule "F" hereto shall be the specified penalties for the purposes of the *Provincial Offences Procedures Act* (Alberta) or the *Summary Offences Procedure Act 1990* (Saskatchewan).
- 15.7. In addition to any other remedy or penalty, the City Manager may discontinue the provision of Sewer service or shut off the potable water supply provided by the City, to any premises if the Owner of that premises is in breach of this Bylaw and reasonable notice of the discontinuance is provided to the Owner of the premises.

16. NUMBER AND GENDER REFERENCES

- 16.1. All references in this Bylaw will be read with such changes in number and gender as may be appropriate according to whether the reference is to a male or female Person, or a Corporation or partnership.

17. SEVERABILITY

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

This Bylaw shall come into force and effect upon the final passing thereof.

The following bylaws and all amendments thereto are hereby repealed:

- Sewer Usage Bylaw 65-2013

INTRODUCED AND READ a first time this 19 day of July, 2021, A.D.

READ a second time this 7 day of September, 2021, A.D.

READ a third time this 7 day of September,

September 7, 2021

Date Signed

September 7, 2021

Date Signed

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SCHEDULE "A"

DEFINITIONS

Accredited Laboratory	Any laboratory accredited by an authorized accreditation body in accordance with a standard based on "CAN-P-1585: Requirements for the Accreditation of Environmental Testing Laboratories" established by the Standards Council of Canada, as amended, or "ISO/IEC/EN 17025: General Requirements for Competence of Calibration and Testing Laboratories" established by the International Organization for Standardization, as amended.
Adverse Effect	Refers to impairment or damage to: <ul style="list-style-type: none">• The Collection System or the Wastewater treatment facility;• Human health or safety;• City property; or• The environment.
Agreement	An agreement between the City and a Person/company which sets special limits for the quantity of Wastewater discharged per day, the maximum rate at which it may be accepted, as well as special limits for a variety of components, as outlined in Schedule "D".
Approved Location	A City approved site for the acceptance of sewage Waste, non-septic Waste, Hauled Wastewater and hauled Storm Water.
Biosolids	Organic solid material recovered from the Wastewater treatment process.
Bylaw Enforcement Officer	A Person appointed by the City pursuant to the Lloydminster Charter to enforce City Bylaws, including a member of the Royal Canadian Mounted Police and, when authorized, a Community Peace Officer appointed under the Peace Officer Act S.A. 2006, c. P-3.5, as amended or repealed and replaced from time to time.
Charter	Refers to the <i>Lloydminster Charter</i>
Chemical Oxygen Demand	A measurement of the oxygen required to oxidize soluble and particulate organic matter in water.
City	The City of Lloydminster and the area contained within the corporate boundaries of the City
City Manager	The Commissioner of the City of Lloydminster as appointed by Council or designate
Code of Practice	A subset of recommended or best practices adopted by the City for the discharge of Wastewater by varying types of facilities to assist in achieving compliance under this Bylaw.

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Collection System	All City owned infrastructure for the collection, storage, transportation and pumping of Wastewater and Storm Water and includes Sewers, ditches, channels, Storm Water management facilities, Wastewater treatment facilities, sludge treatment facilities, and Biosolids storage and disposal facilities.
Compliance Program	A plan of action reviewed and approved by the City Manager to permit a Person who owns or operates industrial premises to contravene provisions of this Bylaw during the period of time required for the design, construction, installation or implementation of premises equipment or processes necessary to comply with the provisions of this Bylaw.
Composite Sample	The collection of individual samples obtained at regular intervals to form a representative sample of the average conditions during the sampling period.
Contamination	Any matter that has been added to water by any Person as a consequence of its use or to modify its use and has any of the following characteristics: <ul style="list-style-type: none"> • injures or is capable of injuring the health or safety of a Person; • injures or is capable of injuring property or any life form; • interferes or is capable of interfering with the proper operation of a Sewer or Sewage Facilities; • causes or is capable of causing material physical discomfort to a Person; or • damages or is capable of damaging the environment.
Cooling Water	Water that is used in an industrial process for the purpose of removing heat but does not include blowdown water.
Corporation	A body that is incorporated or continued pursuant to the Business Corporations Act (Alberta), The Business Corporations Act (Saskatchewan), the Canada Business Corporations Act (Canada) or the Canada Corporations Act (Canada).
Corrosive Properties	Materials that will destroy or damage other substances with which it comes into contact.
Council	The Municipal Council of the City of Lloydminster
Dilute	To weaken the concentration of the Wastewater by the addition of water, or another solvent.
Domestic Wastewater	Waste produced on a residential premise, or sanitary Waste and Wastewater from showers and restroom washbasins produced on a non-residential property.
Emulsifiers	A substance that is soluble in both fat and water and enables fats, oil and grease to be uniformly dispersed in water.

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Flow Measurement	A measurement of flow collected from a digital or analog flow meter, that has been appropriately calibrated.
Flow Monitoring Access Point	An access point to Sewer service or Private Drainage System for a premise, examples of which include manholes and 6-inch Inspection ports.
Fuel	Alcohol, gasoline, naphtha, diesel Fuel, Fuel oil or any other ignitable substance intended for use as Fuel.
Grab Sample	A single sample of water or Wastewater collected at a particular time and place, which represents the composition of the water or Wastewater at that time and place.
Hauled Wastewater	Waste removed from a Wastewater System, including a cesspool, a septic tank system, a privy pit, a chemical toilet, a portable toilet, or a Wastewater holding tank and hauled by a vehicle for disposal.
Hazardous	Any substance or mixture of substances that exhibits characteristics of flammability, corrosivity, reactivity or toxicity, and shall include: <ul style="list-style-type: none"> Any substance that is designated as a Hazardous substance within the Environmental Protection Enhancement Act, RSA 2000, c E-12, as amended, and regulations thereunder including the Waste Control Regulation, Alta Reg 192/96, or any successor legislation and regulations, as applicable; and Any substance that is designated as a Hazardous substance within the Environmental and Management Protection Act, SS 2002, c E-10.21, as amended, and regulations thereunder including the Hazardous Substances and Waste Dangerous Goods Regulations, RRS c E-10.2, Reg 3, or any successor legislation and regulations, as applicable.
Hazardous Waste	Shall have the same meaning as in the Waste Control Regulation, Alta Reg 192/1996 to the Environmental Protection and Enhancement Act, RSA 2000, c E-12 and any successor to that legislation.
Interceptor	Receptacle that is designed and installed to prevent oil, grease, sand or other materials from passing into the Wastewater System.
Non-compliant	Not meeting all obligations outlined within this Bylaw.
Offence	A violation of the Bylaw.
Order	Any written notice or letter that requires a Person to remedy a contravention of this Bylaw or the <i>Lloydminster Charter</i>
Overstrength	Wastewater Released to the Sewer that is higher in concentration for one or more component concentrations set out in Schedule "D" or containing components identified in Schedule "C".

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Owner	A Person who has. any right, title, estate or interest in a property
Permit to Discharge	Previously negotiated agreements or a Wastewater discharge permit and shall include the criteria for discharge to the Collection System.
Person	Any individual, a group of individuals, a Corporation, firm, partnership, proprietorship, association, society or co-operative organization.
Pre-Treatment	The reduction, elimination or alteration of pollutants in Wastewater prior to discharge into the Sanitary Sewer. This reduction or alteration can be obtained by physical, chemical, or biological processes, through pollution prevention, or by other means, except by Diluting the concentration of the pollutants.
Prima Facie	Accepted as correct, until proven otherwise.
Private Drainage System	An assembly of pipes, fittings, traps and appurtenances used to convey Wastewater, Storm Water, and Subsurface Water to the Collection System.
Prohibited Waste	Matter as set out in Schedule "C" to this Bylaw.
Redeveloped	Development which occurs on a previously developed lot.
Release(s)	Directly or indirectly releasing matter by Spilling, discharging, depositing, disposing of, abandoning, leaking, seeping, pouring, draining, emptying, or any other means.
Remediation Site	S site where a soil Contaminant has been identified and has been, is being, or is planned to be removed or treated by remedial activity.
Residue	Any material left over after the completion of a treatment process for storm or sanitary Wastewater prior to discharge.
Restricted Waste(s)	Matter set out in Schedule "D" to this Bylaw.
Sanitary Sewer	A Sewer used for the collection and transmission of Wastewater.
Self-Monitoring	Any observations or analysis of the Wastewater characteristics, quality or quantity.
Septic Tank Waste	Any Waste extracted from a cesspool, septic tank, septic field, Wastewater holding tank, seepage pit, Interceptor or other containment for human excretion and Wastes.
Sewer(s)	A pipe, conduit, Drain, open channel or ditch for the collection and transmission of Wastewater, Storm Water or any combination thereof.
Spill	A discharge that is not permitted by this Bylaw and has entered or may enter the Collection System or the land drainage system.

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Spill Contingency Plan	A plan of action that identifies key response personnel and their roles and responsibilities in the event of a Spill, as well as the equipment and other resources available to respond to a Spill. It details Spill response procedures that will minimize potential health and safety hazards, environmental damage and clean-up efforts.
Standard Methods	A procedures or methods set out in the Standard Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, American Water Works Association and the Water Environment Federation, the most recent or latest edition or approved in writing by the City Manager.
Storm Sewer	A City owned Sewer designed or intended for the collection and transmission of Storm Water and drainage from land or from a Watercourse or any combination thereof.
Storm Water	Surface runoff water, which is the result of natural precipitation.
Storm Water Management Facility	Any inlet, catch basin, catch basin-manhole combination, manhole, drainage pipe, Sewer, channel, ditch, culvert, tank, outlet, pond, depression or body of water created to divert or collect, or used to manage Storm Water quantity or treat Storm Water quality on public or private property.
Subsurface Water	Groundwater including foundation drain water, located not more than 15 metres beneath the surface of the ground.
Summary Offence Ticket	As defined by the <i>Summary Offences Procedures Act</i> (Saskatchewan), as amended from time to time
Vicarious Liability	A situation where a Person is held responsible for the actions or omissions of another Person. In a workplace context, an employer can be liable for the acts or omissions of its employees, provided it can be shown that they took place in the course of their employment.
Violation Ticket	As defined by the <i>Provincial Offences Procedure Act</i> (Alberta), as amended from time to time
Voluntary Payment	Making a voluntary fine payment. By making a Voluntary Payment, a Person is pleading guilty to the Offence charged against the Person on the ticket.
Waste	Any mixture of water and water-carried waste, including potable water from a public distribution system, to which no matter has been added, including but not limited to, Non-Contact Cooling Water and other water that has not come into contact with Wastewater contaminant sources.
Wastewater System	All pipes, Sewer mains, equipment, facilities, structures and processes within the City designed to collect, carry, treat and dispose of Wastewater, but does not include private Sewer service pipes.

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Watercourse	An open channel, ditch or depression, either natural or artificial, in which flow of Storm Water occurs either continuously or intermittently.
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SCHEDULE "B"

RELEASES WITH A PERMIT

1. SANITARY SEWER RELEASES WITH A PERMIT

1.1. The following may be Released into a Sanitary Sewer if a permit for the Release has been given by the City Manager:

- 1.1.1. Wastewater, Storm Water, or Subsurface Water from a Remediation Site;
- 1.1.2. Stored Storm Water and Subsurface Water from a premises when required;
- 1.1.3. A limited quantity of Wastewater containing Prohibited Waste or Restricted Waste, if the Release can be shown to have a minimal Adverse Effect on the Collection System;
- 1.1.4. Wastewater from a tank, pond, vessel, reservoir or other containment device or structure;
- 1.1.5. Non-Residential Wastewater containing a Restricted Waste where it can be demonstrated that the best available technology cannot meet the concentration levels set out in Schedule "D";
- 1.1.6. Non-Residential Wastewater containing a Restricted Waste provided that a satisfactory plan of action to control and reduce the Release of the Restricted Waste has been developed and implemented;
- 1.1.7. Water obtained from a source other than City of Lloydminster Water Services in a volume greater than 1 cubic metre per day;
- 1.1.8. Non-Contact Cooling Water;
- 1.1.9. Wastewater that has unusual characteristics, in quality or quantity, as deemed by the City Manager; or
- 1.1.10. Any other matter that the City Manager considers, on reasonable grounds, it is in the public interest to Release to the Sanitary Sewer.

2. STORM WATER RELEASES WITH A PERMIT

2.1. The following may be Released into a Storm Sewer if a permit for the Release has been given by the City Manager:

- 2.1.1. Storm Water or Subsurface Water from a Remediation Site;
- 2.1.2. Wastewater resulting from the exterior cleaning of buildings, structures or fixtures other than residential premises, that does not contain:
 - a. a Hazardous Waste;
 - b. a Prohibited Waste, as outlined in Schedule "C"; or
 - c. a Restricted Waste, as outlined in Schedule "D".
- 2.1.3. Wastewater from line flushing activity, if the line flushing activity is performed in accordance with the Code of Practice established by the Alberta Water and Wastewater Operators Association;
- 2.1.4. Non-residential Storm Water containing a Restricted Waste provided that a plan of action to control and reduce the Release of Restricted Wastes has been developed and implemented to the satisfaction of the City Manager;

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- 2.1.5. Wastewater that has unusual characteristics, in quality or quantity, as deemed by the City Manager; or
- 2.1.6. Any other matter that the City Manager considers, on reasonable grounds, it is in the public interest to Release to the Storm Sewer.



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SCHEDULE "C"

PROHIBITED WASTES

1. PROHIBITED WASTES

1.1. The following shall be designated as Prohibited Wastes:

- 1.1.1. Any matter in a concentration that may cause a hazard to human health or the environment;
- 1.1.2. Any flammable liquid or explosive matter that, by itself or in combination with another substance, is capable of causing or contributing to an explosion or supporting combustion;
- 1.1.3. Any matter that by itself or in combination with another substance is capable of obstructing the flow of or interfering with the operation or performance of the Collection System, Wastewater Treatment Facility, or any Watercourse including but not limited to:
 - a. Agricultural Wastes;
 - b. Animals, including fish and fowl or portions thereof that will not pass a two centimetre screen;
 - c. Ashes;
 - d. Asphalt;
 - e. Concrete and cement based products;
 - f. Gardening Waste;
 - g. Glass;
 - h. Gravel, into the sanitary Collection System;
 - i. Metal;
 - j. Hair and hair clippings;
 - k. Cardboard and paper;
 - l. Plastics;
 - m. Personal hygiene products;
 - n. Rags, paper towels and cloth;
 - o. Rock;
 - p. Sand, into the sanitary Collection System;
 - q. Sharps
 - r. Soil;
 - s. Straw;
 - t. Tar;
 - u. Wash water from washing equipment used in the mixing and delivery of concrete and cement based products;
 - v. Wood, and wood sawdust or shavings;
 - w. Grit, skimming's, or sludge; or
 - x. Waste containing bones, feathers, biomedical substances, pathological substances, reactive substances, cinders, mud, manure, potter's clay, or garbage.
- 1.1.4. Water that contains one or more of the following, into the storm Collection System:

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- a. Hauled Wastewater;
 - b. Sanitary Wastewater;
 - c. A substance from raw materials, intermediate or final product, used or produced in, through or from a Commercial, Industrial, or Institutional process; or
 - d. A substance used in the operation or maintenance of a Commercial, Industrial or an Institutional process.
- 1.1.5. Any matter with Corrosive Properties that, by itself or in combination with another substance, may cause damage to any Collection System or Wastewater Treatment Facility.
- 1.1.6. Any matter, other than Domestic Wastewater, that by itself or in combination with another substance is capable of creating an air pollution problem outside of a Collection System or in and around a Wastewater Treatment Facility.
- 1.1.7. Any matter that, by itself or in combination with another substance, is capable of preventing safe entry into a Collection System or Wastewater Treatment Facility.
- 1.1.8. Any matter that:
- a. Has a visible film, sheen or discolouration;
 - b. Consists of two more separate liquid layers; or
 - c. May form a separate liquid layer when it comes in contact with the Collection System.
- 1.1.9. Any matter that, by itself or in combination with another substance, is detrimental to the operation or performance of the Collection System, Watercourse, treatment facility, or the environment, including but not limited to:
- a. Biological Waste;
 - b. Elemental mercury;
 - c. Paint, stains and coatings, including oil and water based;
 - d. Prescription drugs and any other pharmaceutical products;
 - e. Pesticides and herbicides;
 - f. Used automotive and machine oils and lubricants;
 - g. Fuels; or
 - h. PCBs
- 1.1.10. Radioactive material in solid form.
- 1.1.11. Effluent from an industrial garbage grinder.
- 1.1.12. Any matter that has the potential to:
- a. Cause a hazard to human health and that cannot be effectively mitigated by Wastewater treatment;
 - b. Cause a hazard to the environment;

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- c. Cause a hazard to workers responsible for operating and maintaining the Collection System or Wastewater Treatment Facility;
 - d. Cause an Adverse Effect to the Collection System;
 - e. Cause an Adverse Effect to the Wastewater treatment facility;
 - f. Result in the Wastewater released by the treatment facility being in contravention of regulatory requirements; or
 - g. Restrict the beneficial use of Biosolids from the Wastewater treatment facility.
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- 1.1.13. Dye or other colouring material, except where the dye is used by the City as a tracer.
 - 1.1.14. Foam or any other matter that, by itself or in combination with another substance, is capable of producing foam that will persist for five minutes or more, with the exception of foam used in a Wastewater treatment facility.
 - 1.1.15. Any matter that contains a Biohazardous Agent.
 - 1.1.16. Wastewater that contains concentrations in excess of any one or more of the limits in Schedule "D" of this Bylaw, unless the discharge is in accordance with a valid Overstrength Discharge Agreement or Compliance Program.

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SCHEDULE "D"

RESTRICTED WASTES APPLICABLE TO STORM SEWERS AND WATERCOURSES

1. RESTRICTED WASTES

- 1.1. The following are designated as Restricted Wastes when present in Wastewater, Storm Water, or Subsurface Water being Released to the Storm Sewer or a Watercourse in excess of the limits set out below.
- 1.2. Unless expressed otherwise, concentrations are expressed as total concentrations.
- 1.3. Notwithstanding any limit set out below, the City Manager may require a premise to adhere to site-specific limits where the City Manager determines it appropriate do so.

2. STORM WATER AND SUBSURFACE WATER CONTAMINANTS

- 2.1. Storm Water and Subsurface Water Releases are subject to the limits set out in the *Canadian Council of Ministers of the Environment Water Quality Guidelines for the Protection of Aquatic Life*.
- 2.2. More stringent guidelines may be implemented by the City Manager on a case-by-case basis.

2.3. Table 1: Conventional Contaminants (Sanitary Collection System)

Substance	Overstrength Surcharge Limit (mg/L, except as noted)	Additional Overstrength Surcharge Limit (mg/L except as noted)
Biochemical Oxygen Demand (BOD)	300	1200
Chemical Oxygen Demand (COD)	600	2000
Total Suspended Solids (TSS)	300	1200
Fat, Oil and Grease (FOG)	150	450
Phosphorous	10	25
Ammonia	20	25
Substance	Allowable Values	
pH	6.0 - 10.0 (unitless)	
Temperature	75 degrees Celsius or more	

2.4. Table 2: Organic Contaminants (Sanitary Collection System)

Organic Contaminants	Limit (mg/L)
Hydrocarbons	0.5
Phenols	0.1

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2.5. Table 3: Inorganic Contaminants (Sanitary Collection System)

Inorganic Contaminants	Limit (mg/L)
Aluminum	2.0
Antimony	1.0
Arsenic (As)	1.0
Barium (Ba)	3.0
Boron (B)	1.0
Cadmium, total (Cd)	0.1
Chlorine (Free Chlorine) (Cl ₂)	5.0
Chromium, hexavalent (Cr ₆)	2.0
Chromium (total) (Cr)	2.8
Cobalt, total (Co)	5.0
Copper, total (Cu)	1.0
Cyanide, total (CN)	1.2
Iron (Fe)	1.0
Lead, total (Pb)	0.7
Manganese (Mn)	1.0
Mercury (Hg)	0.01
Molybdenum, total (Mo)	5.0
Nickel, total (Ni)	2.0
Nitrogen, Total Kjeldahl (TKN)	50.0
Selenium, total (Se)	0.8
Silver, total (Ag)	0.4
Sulphide (as H ₂ S)	1.0
Thallium (Tl)	1.0
Zinc (Zn)	2.0

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SCHEDULE "E"

HAULED WASTEWATER

1. HAULED WASTERWATER

1.1. The discharge must be:

- 1.1.1. made at a location and in a manner approved by the City Manager;
- 1.1.2. documented in a manner directed by the City Manager;
- 1.1.3. made using a discharge hose at the Approved Location;
- 1.1.4. Either:
 - a. containing only septic waste; or
 - b. solely from domestic sources and contains no Hazardous Waste;
- 1.1.5. Is done in accordance with the Code of Practice established by the City Manager.

1.2. The Release of Hauled Wastewater will not be permitted if it contains any of the following matter:

- 1.2.1. Hazardous Material or Prohibited Waste;
- 1.2.2. grit, skimming's, or sludge; or
- 1.2.3. fat, oil, or grease.

2. PROHIBITION OF RELEASE

2.1. When the Release or discharge of Hauled Wastewater has been prohibited by the City Manager in accordance with this bylaw, the Person prohibited from Releasing or discharging the Hauled Wastewater must provide to the City Manager the following information, in writing, within seven (7) days of the prohibition:

- 2.1.1. The name and relevant contact information of the generator of the Wastewater that was prohibited;
- 2.1.2. The address from which the Wastewater that was prohibited originated;
- 2.1.3. A description of the location and equipment from which the Wastewater that was prohibited was collected;
- 2.1.4. The composition of the Wastewater that was prohibited; and
- 2.1.5. The final location at which the Wastewater was Released.

3. HAULED WASTEWATER SAMPLING

- 3.1. The City Manager is authorized to collect and analyze samples of Hauled Wastewater coming to the designated discharge location.
- 3.2. Non-compliant discharges may result in the termination of the Hauled Wastewater Agreement at the discretion of the City Manager.

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SECTION	OFFENCE	FINE
4.1	Release of a Prohibited Waste into the Collection System 1 st Offence	\$2500
	2 nd Offence within 366 days of the 1 st Offence	\$5000
	3 rd Offence and all subsequent Offences within 366 days of 2 nd Offence	\$10,000
4.2	Discharging into Collection System wastewater containing animal waste	\$1000
4.9	Uncovering, opening, breaking, altering, removing, damaging, destroying or tampering with any part of the Collection System or Monitoring System, or allowing the same	\$1000
5.1	Person responsible for or managing or controlling spill or source of spill of substance capable of having adverse effect on the Collection System failing to provide report of spill as required	\$500
6.1	Person responsible for or managing or controlling spill or source of spill of substance capable of having adverse effect on the Collection System failing to take all reasonable measures to contain spill, protect health and safety of citizens, minimize damage to property, protect environment, clean up spill and contaminated residue and restore affected area	\$500
8.1	Failing to install or upgrade monitoring access point as required	\$1500
11.1	Operator of restaurant or industrial, commercial or institutional premises where food is cooked failing to take all reasonable measures to prevent cooking oils and greases from entering the Collection System in excess of limits set out in Schedule D	\$500
11.1	Operator of restaurant or industrial, commercial or institutional premises where food is cooked discharging grease interceptors into the Collection System	\$500

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11.2	Owner or operator of an establishment where motor vehicles are repaired, lubricated, washed or maintained failing to install oil and grease interceptor designed to prevent oil and lubricating grease from passing into the Collection System	\$1000
11.2	Owner or operator of establishment where motor vehicles are repaired, lubricated, washed or maintained discharging grease interceptor into the Collection System	\$500
11.3	Failing to install a dental amalgam separator on a fixture that may release dental amalgam waste containing mercury into the Collection System	\$500
11.3	Failing to monitor, operate, maintain and clean a dental amalgam separator	\$500
11.5	Operator of restaurant or industrial, commercial or institutional premises where food is cooked failing to install, operate and properly maintain oil and grease interceptor	\$500
11.7	Operator of restaurant or premises where food is cooked failing to keep documentation of grease trap or interceptor clean-out and oil and grease disposal	\$500
11.7	Owner or operator of establishment where motor vehicles are repaired, lubricated, washed or maintained failing to keep documentation of interceptor clean-out and oil and grease disposal	\$1000
11.7	Owner or operator of premises from which sediment may directly or indirectly enter the Collection System failing to keep documentation of proof of interceptor clean-out and sediment disposal	\$500