

BY-LAW 1925-19

OF THE

CITY OF WETASKIWIN

IN THE PROVINCE OF ALBERTA

**A BYLAW OF THE CITY OF WETASKIWIN IN THE PROVINCE OF ALBERTA  
FOR THE REGULATION OF THE OPERATION OF THE CITY OF  
WETASKIWIN WASTEWATER SYSTEM**

- WHEREAS** the City of Wetaskiwin has constructed and maintains a wastewater system consisting of storm and sanitary sewers and wastewater treatment facility,
- AND WHEREAS** it is deemed just and proper to levy a wastewater service charge on all persons occupying property connected with the wastewater system of the City to assist with the costs of constructing and maintaining the system including the cost of treatment and disposal of wastewater,
- AND WHEREAS** it is necessary to control the substances discharged into the wastewater system to protect both the system and the environment,
- AND WHEREAS** there is nothing in this Bylaw that relieves any persons from complying with any provisions of any federal or provincial legislation or any other Bylaw of the City,
- AND WHEREAS** Council of the City of Wetaskiwin deems this Bylaw to be in the public interest,
- AND WHEREAS** by virtue of the power conferred upon it by the *Municipal Government Act Alberta Chapter M-26 RSA 2000*, as amended or repealed and replaced from time to time,
- NOW THEREFORE** the Municipal Council of the City of Wetaskiwin, duly assembled, enacts as follows:

1. SHORT TITLE

This Bylaw shall be known and may be cited as the "Wastewater Bylaw" of the City of Wetaskiwin.

2. DEFINITIONS

- a. **"Adverse Effect"** means impairment or damage to:
- i. the wastewater system, storm water system or the wastewater treatment facility;
  - ii. human health or safety;
  - iii. City property; or

- iv. the environment.
- b. **"Applicant"** means any owner, or authorized representative of an owner, who applies to the City for the installation of a sewer service to a property.
- c. **"Authorized Representative"** means:
  - i. a principal executive officer (at least the level of vice president) if the owner or tenant is a corporation; or
  - ii. a general partner or proprietor if the owner or tenant is a partnership or proprietorship, respectively; or
  - iii. a duly authorized representative of an individual if such representative is responsible for the overall operation of the facilities from which the wastewater discharge originates.
- d. **"Best Management Practices"** (BMPs) – means an integrated plan to control and reduce the release of restricted and prohibited waste into the wastewater system or storm water system to a practical extent, through methods that include physical controls, pre-treatment processes, operational procedures and staff training.
- e. **"Biochemical Oxygen Demand"** (BOD) means the quantity of oxygen required for the biochemical degradation of organic material and the oxygen required to oxidize inorganic material such as sulphides and ferrous iron during a five day 20°C incubation period, and may measure the oxygen used to oxidize reduced forms of nitrogen, as determined by the most current edition of the Standard Methods.
- f. **"Biological Waste"** means any material created or used in a medical, health care, veterinary, mortuary or biological research facility which contains or reasonably may contain pathogenic agents that may result in a negative health impact on persons.
- g. **"Biosolids"** means organic solid material recovered from the wastewater treatment process.
- h. **"Blowdown"** means recirculating water that is discharged from a cooling or heating water system for the purpose of controlling the level of water in a system or for the purpose of discharging from a system materials contained in the system, the further build-up of which would or might impair the operation of the system.
- i. **"Building Drain"** means the horizontal piping, including any vertical offsets, that conducts wastewater, sewage, clear-water waste, or storm water to a sewer service.
- j. **"CALA"** means the Canadian Association for Laboratory Accreditation.
- k. **"Carrier"** means any person who accepts for transport or transports clear water waste, storm water, wastewater, sewage, solid or hazardous waste for storage, treatment, or disposal.
- l. **"Catch Basin"** means a receptacle for receiving storm water and for retaining sediment contained within storm water.
- m. **"Chemical Oxygen Demand"** (COD) means a measure of the oxygen equivalent of the organic content of a sample that is susceptible to oxidation by a strong chemical oxidant as determined by the most current edition of the Standard Methods.
- n. **"City"** means the Municipal Corporation of the City of Wetaskiwin or the area contained within the boundaries thereof, as the context requires.
- o. **"City Manager"** means a municipal official appointed by council as the City Manager of the City of Wetaskiwin or anyone appointed by the City Manager.
- p. **"Clear Water Waste"** means any water, including potable water from a public distribution system, to which no matter has been added.

- q. "**Class of Industry**" means a group of industrial, commercial or institutional establishments primarily engaged in the same or similar kind of economic activity as defined by a six-digit North American Industrial Classification System (NAICS) code, as published by Statistics Canada, and amended from time to time.
- r. "**Codes of Practice**" shall mean those described in this bylaw, by the Alberta Government or in the City of Wetaskiwin Engineering Standards, and apply to industries that may release restricted wastes into the sanitary or combined sewage system at a concentration in excess of the levels set out in this bylaw.
- s. "**Colour**" means the colour of water from which turbidity has been removed, as determined by the most current edition of the Standard Methods.
- t. "**Commercial Premises**" means premises principally used or proposed to be used for the conduct of some profession, business, trade, or undertaking that may pertain to the wholesale, retail or sale of goods and services.
- u. "**Compliance Program**" means a plan approved by the Director of Infrastructure & Operations 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.
- v. "**Composite Sample**" means a representative mixture of grab samples collected at the same sampling location at least fifteen minutes apart.
- w. "**Connection**" means where the private sewer service joins with the public sewer service, which is typically on or near the property line.
- x. "**Contaminated Water**" means water to which matter has been added by any person as a consequence of its use, or to modify its use.
- y. "**Cyanide (total)**" means cyanide as determined by the most current edition of the Standard Methods.
- z. "**Dangerous Goods**" means goods defined as dangerous in the *Dangerous Goods Transportation and Handling Act D-4 RSA 2000* and *Dangerous Goods Transportation and Handling Regulation 157/97* of the province of Alberta and any successor to this act or regulation.
- aa. "**Director**" shall mean the Director of the City of Wetaskiwin's Infrastructure and Operations Department for the City or their designate.
- bb. "**Discharge Location**" means a City-approved site for the acceptance of sewage waste, non-septic waste, hauled wastewater, hauled storm water and clear water waste.
- cc. "**Domestic Sewage Waste**" means any wastewater or waste extracted from a cesspool, septic tank, sewage holding tank, seepage pit, interceptor or other containment for human excretion and wastes.
- dd. "**Drainage System**" means any device used to transport wastewater, clear water waste or storm water to a wastewater system, which, without limiting the generality of the foregoing, shall include pipes, fittings, fixtures and traps.
- ee. "**Environment**" means the components of the earth and includes:
  - i. air, land and water;
  - ii. all organic and inorganic matter and living organisms; and
  - iii. the interacting natural systems that include the components referred to in i. and ii. above.

- ff. "**Fixture**" means a receptacle, appliance, apparatus or other device that releases wastewater or clear water waste, which, without limiting the generality of the foregoing, shall include floor drains, toilets, sinks, taps, and bath tubs.
- gg. "**Fuel**" means alcohol, gasoline, naphtha, diesel fuel, fuel oil or any other ignitable substance intended for use as a fuel.
- hh. "**Garbage Disposal Unit**" means any device, garburator, equipment, or machinery designed, used, or intended to be used for the purpose of grinding or otherwise treating garbage to enable it to be introduced into a public wastewater system.
- ii. "**Grab Sample**" means a volume of wastewater, storm water, contaminated water, uncontaminated water, or effluent of at least 100 millilitres which is collected over a period not exceeding fifteen minutes from one particular location.
- jj. "**Generator**" means any person who owns or operates a residence or business that creates clear water waste, storm water, wastewater, sewage, solid or hazardous waste for storage, treatment or disposal.
- kk. "**Groundwater**" means water beneath the earth's surface accumulating as a result of the subsurface water table.
- ll. "**Hauled Non-Septic Waste**" means a slurry of solid materials, including solid waste material resulting from industrial and commercial activities but does not include sewage or hazardous material.
- mm. "**Hauled Sewage Waste**" means any sewage that is collected and transported off site by means other than discharge to a sewer.
- nn. "**Hazardous Waste**" means:
  - i. any substance or mixture of substances that exhibits characteristics of flammability, corrosivity, reactivity, or toxicity; and
  - ii. any substance that is designated as a hazardous substance within the regulations of the *Environmental Protection and Enhancement Act* E-12 RSA 2000 and the *Waste Control Regulation* Alberta Reg. 192/96 of the Province of Alberta, and any successor to this act or regulations.
- oo. "**Hydrocarbons**" means those solvent-extractable materials that are not absorbed by silica gel, as determined by the most current edition of the Standard Methods.
- pp. "**Ignitable Waste**" means a substance that is:
  - i. a liquid, other than an aqueous solution, containing less than 24 percent alcohol by volume and has a flash point less than 61 degrees Celsius, as determined by the Tag Closed Cup Tester (ASTM D-56-97), the Setaflash Closed Cup Tester (ASTM D-3243-77 or ASTM D-3278-78), the Pensky-Martens Closed Cup Tester (ASTM D-93-97), or as determined by an equivalent test method;
  - ii. a solid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a danger
  - iii. a compressed gas (Class 2, Division D) as defined in the *Dangerous Goods Transportation and Handling Regulation* Alberta Reg. 157/97 and the *Dangerous Goods Transportation and Handling Act* D-4 RSA 2000 of the province of Alberta and any successor to this regulation or act; or
  - iv. an oxidizing substance (Class 5, Divisions 1 and 2) as defined in the *Dangerous Goods Transportation and Handling Regulation* Alberta Reg. 157/97 and *Dangerous Goods Transportation and Handling Act* D-4 RSA 2000 of the province of Alberta and any successor to this regulation or act.

- qq. "**Industrial Premise**" means those premises, activities and services primarily pertaining to business or industry for assembling, fabricating, manufacturing, processing, and repairing of goods and materials, but shall not include residential activities and services.
- rr. "**Industrial Waste Surcharge Agreement**" means an agreement between the City and a person which sets special limits for the quantity of wastewater emitted per day, the maximum rate at which it may be emitted, as well as special limits for a variety of components, as outlined in Schedule H herein.
- ss. "**Inspection Manhole**" means an access point in a sewer service which may be located on private property and is designed to allow observations, sampling and flow measurement of the wastewater, contaminated water, uncontaminated water or storm water therein.
- tt. "**Inspector**" means a person appointed by the Director to provide inspection services to the City with respect to the wastewater system, which, without limiting the generality of the foregoing, may include:
  - i. inspecting drainage systems and the fixtures and processes that release wastewater or clear water waste to drainage systems;
  - ii. measuring water consumption;
  - iii. measuring wastewater, clear water waste or storm water flows;
  - iv. testing flow measuring devices;
  - v. taking samples of releases from premises or flows within the drainage system;
  - vi. performing in-place testing of wastewater released and flowing within the drainage system;
  - vii. obtaining and analyzing samples of storm water, clear water wastes and wastewater;
  - viii. preventing or stopping the release or deposit of hauled storm water, clear water wastes or wastewater into a discharge location; or
  - ix. such other duties and responsibilities as may be designated by the Director.
- uu. "**Institutional Premises**" means those premises, activities and services primarily pertaining to the provision of community, education, religious, cultural or recreational activities and services.
- vv. "**Interceptor**" means a receptacle approved by the City that is designed and installed to prevent oil or grease, sand or other material from entering into a drainage system.
- ww. "**Kjeldahl Nitrogen**" means organic nitrogen, as determined by the most current edition of the Standard Methods.
- xx. "**Manifest**" means the document accompanying a load of hauled wastewater or non-septic waste in Schedule D that identifies:
  - i. its registration priority number,
  - ii. the date and time of loading,
  - iii. its quantity and composition,
  - iv. the transporting company,
  - v. the date and time for the release of the load, and
  - vi. the persons consigning, hauling and authorizing the release of the load.
- yy. "**Matter**" means any solid, liquid or gas.
- zz. "**NAICS Code**" means North American Industrial Classification System Code contained in the *NAICS Canada Manual* published by Statistics Canada.
- aaa. "**Oil or Grease**" means any solvent-extractable material of animal, vegetable or mineral origin and includes but is not limited to hydrocarbons, esters, oils, fats, waxes

and high molecular fatty acid, as determined by the most current edition of the Standard Methods.

- bbb. **"Once-through Cooling Water"** means water used in a process for the purpose of removing heat and that has not, by design, come into contact with any raw material, intermediate product, waste product or finished product, but does not include blowdown water.
- ccc. **"Outstanding Accounts"** means any levy for sewer service charges which remains unpaid in whole or in part for 30 days from the date of billing.
- ddd. **"Owner"** means any person who is registered under the *Land Titles Act* Alberta Chapter L-4 RSA 2000, as amended or repealed and replaced from time to time, as the owner of the premises or any other person who is in lawful possession or occupancy thereof.
- eee. **"PCB"** means any monochlorinated or poly-chlorinated biphenyl or any mixture of these or any mixture that contains one or more of them.
- fff. **"Person"** means an individual, association, partnership, body corporate, Municipal Corporation, provincial or federal agency, and the heirs, executors, administrators or other legal representative of a person, or an agent or employee thereof.
- ggg. **"Pesticides"** means a pesticide regulated under the *Pesticide Sales, Handling, Use and Application Regulation*, Alberta Reg. 24/97, as amended or repealed and replaced from time to time.
- hhh. **"pH"** means the logarithm to the base 10 of the reciprocal of the concentration of hydrogen ions in moles per litre of solution and denotes alkalinity or acidity.
- iii. **"Phenolic Compounds"** means those derivatives of aromatic hydrocarbons which have a hydroxyl group directly attached to the ring, as determined by the most current edition of the Standard Methods.
- jjj. **"Phenols"** means the hydroxy derivatives of benzene and its condensed nuclei, as determined by the most current edition of the Standard Methods.
- kkk. **"Phosphates"** means a chemical salt classified as orthophosphates, condensed phosphates and poly-phosphates, as determined by the most current edition of the Standard Methods.
- lll. **"Phosphorus"** means total phosphorus, as determined by the most current edition of the Standard Methods.
- mmm. **"Premises"** means any land or building or both or any part thereof.
- nnn. **"Pre-Treatment Facility"** means one or more treatment devices designed to remove matter from wastewater or storm water to allow compliance with discharge limits established by this Bylaw.
- ooo. **"Private Drainage System"** means a privately owned assembly of pipes, fittings, fixtures, traps and appurtenances, including the building drain, that is used to convey wastewater, clear-water waste, storm water or groundwater drainage to a sewer service or a private wastewater disposal system.
- ppp. **"Private Wastewater Disposal System"** means a privately owned system for the treatment and disposal of wastewater, and may include septic tank with an absorption field or other approved means of disposal.
- qqq. **"Professional Engineer"** means a Professional Engineer as defined by the *Professional Act*, licensed, registered and in good standing with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

- rrr. **"Prohibited Waste"** means matter that cannot be released to a sewer or may be released only under strictly limited circumstances.
- sss. **"Radioactive Materials"** means uranium, thorium, plutonium, neptunium, deuterium, and their respective derivatives and compounds, and such other substances as the Canadian Nuclear Safety Commission or its successor may, by regulation, designate as being capable of releasing atomic energy or as being requisite for the production, use or application of atomic energy.
- ttt. **"Reactive Waste"** means a substance that:
- i. is normally unstable and readily undergoes violent change without detonating;
  - ii. reacts violently with water;
  - iii. forms potentially explosive mixtures with water;
  - iv. when mixed with water, generates toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
  - v. is a cyanide or sulphide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
  - vi. is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement;
  - vii. is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure; or
  - viii. is an explosive (Class 1) as defined in the regulations under the *Dangerous Goods Transportation and Handling Regulation*, Alberta Reg. 157/97, as amended or repealed and replaced from time to time.
- uuu. **"Release"** means to directly or indirectly conduct matter to the wastewater system, wastewater treatment facility or watercourse by spilling, discharging, disposing of, spraying, injecting, inoculating, abandoning, depositing, leaking, seeping, pouring, draining, emitting, emptying, throwing, dumping, placing or exhausting either intentionally or accidentally.
- vvv. **"Residential Premises"** means those premises, activities and services which would not be classified as institutional, commercial or industrial premises.
- www. **"Restricted Wastes"** means wastes which may be discharged to a wastewater system when the concentration of contaminants is below a certain limit.
- xxx. **"Safety Codes Act"** the Alberta *Safety Codes Act* Chapter S-1 RSA 2000 and all regulations adopted under the *Safety Codes Act*. This act and regulations includes the most recent edition of the Building, Electrical, Gas, Plumbing and the Rural Sewage Codes and Regulations.
- yyy. **"Sanitary Sewer"** means a sewer receiving and carrying liquid and water-carried wastes to which storm, surface and groundwater are not intentionally admitted.
- zzz. **"Sewage"** means any liquid waste other than clear water waste or storm water.
- aaaa. **"Sewer"** means a pipe or conduit for carrying wastewater, sewage, groundwater, storm water or surface runoff. It includes sanitary sewers, sewer drains, storm sewers, and storm drains.
- bbbb. **"Sewer Service"** means a pipe that is connected between a private drainage system and a sewer.
- cccc. **"Sewer Service Charges"** means the charges calculated in accordance with Bylaw 1876-16, as described in Schedule B.

- dddd. **"Sewer Service Subscribers"** means any premises serviced by or connected to the Wastewater System.
- eeee. **"Sludge"** means a waste containing more than 0.5% Total Solids.
- ffff. **"Standard Methods"** means a procedure set out in the most current edition of 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.
- gggg. **"Standard Procedures"** means a:
- i. procedure set out in *Methods Manual for Chemical Analyses of Water and Wastes*, or
  - ii. procedure as authorized in writing by the Director.
- hhhh. **"Storm Sewer"** means a ditch, pipe or conduit which is designated to carry storm, surface drainage, and groundwater only.
- iiii. **"Storm Water"** means water from precipitation of all kinds including water from the melting of snow and ice, groundwater discharge and surface water.
- jjjj. **"Storm Water Management Facility"** means 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.
- kkkk. **"Tenant"** means any person other than the owner that uses or occupies land, a building, or other property.
- llll. **"Total Kjeldahl Nitrogen"** (TKN) means organically bound nitrogen and ammonia nitrogen as determined by the most current edition of the Standard Methods.
- mmmm. **"Total Solids"** means the material residue left in the vessel after evaporation of a sample and its subsequent drying in an oven at a defined temperature, as determined by the most current edition of the Standard Methods.
- nnnn. **"Total PAHs"** means the total of all the polycyclic aromatic hydrocarbons listed below: anthracene, benzo(a)pyrene, benzo(a)anthracene, benzo(e)pyrene, benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, dibenzo(a,i)pyrene, dibenzo(a,j), 7H-dibenzo(c,g)carbazole, dinitropyrene, fluoranthene, ideno(1,2,3-c,d)pyrene, perylene, phenanthrene, and pyrene.
- oooo. **"Total Suspended Solids"** (TSS) means the solids that either float on the surface of, or are suspended in, water, wastewater, sewage or other liquids and which are the total solids retained by laboratory filtering, as determined by the most current edition of the Standard Methods.
- pppp. **"Uncontaminated Water"** means water to which no matter has been added as a consequence of its use, or to modify its use.
- qqqq. **"User"** means any person, including a trustee or manager or any other person, either individually or jointly with others, owning or occupying any premises and includes any agent, workman, servant or employee of such person who discharges to a wastewater system.
- rrrr. **"Violation Ticket"** means a legal summons, issued by the City to the violator of a Bylaw, which specifies the fine amount as denoted by the Bylaw. The Violation Ticket may also require that a person appear in court.



- ssss. **"Waste"** means domestic or industrial matter from dwellings, commercial establishments, industrial facilities and institutions, including liquid, gaseous, or solid substances, whether treated or untreated.
- tttt. **"Waste Disposal Site Leachate"** means liquid containing dissolved or suspended contaminants which emanates from waste and is produced by water percolating through waste or by liquid in waste, typically but not always from a waste disposal site.
- uuuu. **"Wastewater"** means the composite of water and water-carried waste from residential, commercial, industrial or institutional premises or any other source.
- vvvv. **"Wastewater Basic Service Charge"** means the rates established by Bylaw 1876-16 for basic monthly wastewater service charges, as described in Schedule B.
- wwww. **"Wastewater Extra Overstrength Surcharge"** means the rate per cubic metre of water consumed and charged to a user who released wastewater to the sewer that exceeds one or more constituent concentrations set out in the Second Limits in Sections 3 through 5 of this bylaw, with the charges described in Schedule B, herein.
- xxxx. **"Wastewater Normal Overstrength Surcharge"** means the rate per cubic metre of water consumed and charged to a user who released wastewater to the sewer that exceeds one or more constituent concentrations set out in the First Limits in Sections 3 through 5 of this bylaw, with the charges described in Schedule B, herein.
- yyyy. **"Wastewater System"** means all sewers and facilities for collecting, pumping, treating and disposing of wastewater but does not include a private drainage system.
- zzzz. **"Wastewater Treatment Facility"** means any facility used for the biological, chemical, electrical, mechanical or other treatment of wastewater.
- aaaa. **"Wastewater Volumetric (Consumption) Charges"** means the charges per cubic metre of consumed water at a specific premise as presented in Bylaw 1876-16 and described in Schedule B, herein.
- bbbb. **"Watercourse"** means:
- i. the bed and shore of a river, stream, lake, creek, lagoon, swamp, marsh or other natural body of water; or
  - ii. a channel, ditch, reservoir or other man-made storm water lake, whether it contains or conveys water continuously or intermittently.

### **DISCHARGES TO WASTEWATER SYSTEMS**

3. No person shall cause or permit the discharge or deposit into a wastewater system that will enter the wastewater system any of the following:
  - a. Matter of any type or at any temperature or in any quantity which may be or may become a health or safety hazard to any person or which may be or may become harmful or damaging to a wastewater system; or which may cause or result in a health or safety hazard to a wastewater system worker; or which may cause the wastewater system treated effluent to contravene any federal, provincial or municipal legislation or requirement, which, without limiting the generality of the foregoing shall include environmental protection requirements;
  - b. Matter which may cause the biosolids from the wastewater system to fail to meet the criteria relating to contaminants for spreading the biosolids on agricultural lands under any federal, provincial or municipal standards and guidelines; or which may interfere

with the proper operation of a wastewater system; or which may impair or interfere with any wastewater treatment process; or which is or may result in hazard to the health or safety of any person, animal, property or vegetation;

- c. Solid or viscous substances in quantities or of such size as to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animal entrails or tissues, manure, meat processing products, whole blood, and blood and/or any derivative thereof;
- d. Wastewater that may cause an offensive odour to emanate from a wastewater system, and without limiting the generality of the foregoing, wastewater containing hydrogen sulphide, carbon disulphide, or other reduced sulphur compounds, amines or ammonia;
- e. Storm water, surface water, groundwater, roof run-off, sub-surface drainage, once-through cooling water, water from a watercourse, uncontaminated water or unpolluted industrial water to any sanitary sewer, provided that the Director may on application authorize such discharge where exceptional conditions prevent compliance;
- f. Groundwater drainage, including weeping tile drainage, except from buildings constructed prior to Jan. 1, 1994, or except as approved in writing by the Director and only until such time as an upgrade is completed;
- g. Water originating from a source other than the City water supply (e.g. private wells) directly or indirectly to a sanitary sewer, unless the discharge is expressly authorized in writing by the City in accordance with guidelines adopted by the City, prior to the discharge;
- h. Any ignitable waste or explosive matter which, by itself or in combination with other substances, is capable of causing or contributing to any explosion or supporting combustion;
- i. Radioactive materials, except where the radioactive materials are being discharged under a valid and current licence issued by the Canadian Nuclear Safety Commission or its successor; and a copy of the licence has been provided to the City;
- j. Biological waste;
- k. Hazardous waste;
- l. Unused pharmaceutical products;
- m. Paint, stains and coatings, including oil and water based;
- n. Elemental mercury;

- o. Fuels / solvents / petroleum derivatives including used automotive and machine oils and lubricants;
- p. Reactive waste;
- q. Pesticides;
- r. Wastewater which consists of two or more separate liquid layers when discharged or which will form layers upon interaction with other wastewater;
- s. Any matter with corrosive properties which, by itself or in combination with another substance, may cause damage to or interfere with the proper operation of the wastewater system;
- t. Any matter which, by itself or in combination with another substance, is capable of producing conditions which the wastewater system is not designed to handle, thereby preventing safe entry into the wastewater system or preventing proper wastewater treatment.
- u. Wastewater containing dyes or colouring materials which pass through a wastewater system and discolour the wastewater system effluent;
- v. Wastewater which will create tastes or odours in drinking water supplies making such water unpalatable after conventional water treatment;
- w. Any substance which, in the opinion of the Director, is or may become harmful to any recipient watercourse or wastewater system or part thereof, or which may interfere with wastewater treatment;
- x. Wastewater that may cause a hazard to human health and that cannot be effectively mitigated by wastewater treatment;
- y. Wastewater that may cause a hazard to City workers responsible for operating and maintaining the wastewater system or the wastewater treatment facility;
- z. Wastewater or other matter resulting from site remedial activities at spill sites or at petroleum leak sites unless the Director has approved in writing the remedial activity, and the release;
- aa. Waste disposal site leachate, unless approved in writing by the Director and in conformance to provincial regulations;
- bb. Grit, sludge or skimmings from interceptors, catch basins or wastewater pre-treatment facilities;
- cc. Wastewater containing any of the restricted waste as described in Schedule A.

dd. The provisions of this Section do not apply where the discharge is expressly authorized in writing by the City in accordance with this Bylaw prior to the discharge, and any fee set by the City has been paid within 30 days of invoicing.

4. Any person who releases a restricted waste into a sanitary sewer containing the following matter in a concentration exceeding the stated upper limits for non-surchageable concentrations (hereinafter referred to as "First Limits"), shall be assessed a normal overstrength surcharge, as specified in Schedule B, herein:

<b>Upper Limit for Non-Surchageable Concentrations (First Limit)</b>	
BOD	300 mg/L
COD	600 mg/L
TKN	50 mg/L
Oil or Grease (total)	100 mg/L
Phosphorus	10 mg/L
Suspended Solids	300 mg/L

- a. The City shall calculate the kilograms (kg) of each surchargeable matter per cubic meter of wastewater that exceeds the First Limit using the following formula:

$$S_1 = \frac{(C_{avg} - LIM1)}{1000}, \text{ where}$$

- $S_1$  is the average number of kilograms of the surchargeable matter in one cubic meter of wastewater that exceed the First Limit,  
 $C_{avg}$  is the average concentration in milligrams per litre of the surchargeable matter, and  
 $LIM1$  is the First Limit for the surchargeable matter in milligrams per litre.

5. Any person who releases restricted waste into a sanitary sewer containing the following matter in concentrations exceeding the stated upper limits for normal surchargeable concentrations (hereinafter referred to as "Second Limits") shall be assessed an extra overstrength surcharge, as specified in Schedule B, herein:

<b>Upper Limit for Normal Surchageable Concentrations (Second Limit)</b>	
BOD	1000 mg/L
COD	2000 mg/L
TKN	200 mg/L
Oil or Grease (total)	500 mg/L
Phosphorous	100 mg/L
Suspended Solids	1000 mg/L

- a. The City shall calculate the kilograms (kg) of each surchargeable matter per cubic meter of wastewater that exceeds the Second Limit using the following formula:

$$S_2 = \frac{(C_{avg} - LIM2)}{1000}, \text{ where}$$

- $S_2$  is the average number of kilograms of the surchargeable matter in one cubic meter of wastewater that exceed the Second Limit,  
 $C_{avg}$  is the average concentration in milligrams per litre of the surchargeable matter and,  
 $LIM2$  is the Second Limit for the surchargeable matter in milligrams per litre.

- b. Where the City determines that a normal overstrength surcharge or an extra overstrength surcharge apply to a release from a premise(s), these surcharges shall remain in force, as amended, until the City establishes a new overstrength surcharge, or the owner or tenant of the premises satisfies the City that concentrations of matter released are below the First Limit or Second Limit concentrations, as applicable.
- c. Where the wastewater from a premise is released through two or more building drains and there is no accurate measurement of the flows, the flow with the highest concentration of surchargeable matter shall be the flow used to determine the overstrength surcharge on all flows.
- d. Wastewater released through a single sewer service from a premise with two or more separate businesses serviced by a single water service shall be considered as being released by the owner of the premises.
- e. Wastewater released through a single sewer service from a premises with two or more separate businesses serviced by separate water meters shall be considered as being released from each of the separate businesses, in proportion to the separate business' water consumption, unless it is shown to the satisfaction of the City, by the owner or tenant of that premises, that:
- i. the portion of the wastewater that is in violation of the Bylaw is being released from one, and only one, of the separate businesses serviced by a water meter on the premises; and
  - ii. the release can be monitored separately from all other releases from the other businesses.
- f. Except as authorized by a compliance agreement, or subject to a normal overstrength surcharge or an extra overstrength surcharge as provided in this Bylaw, the owner or tenant of the premises where wastewater is being generated that exceeds the limits set out in this Bylaw shall:
- i. install on the premises, prior to the point of release into the wastewater system, a pre-treatment facility with the capability of reducing the concentration of any and all matter exceeding the limits set out in Sections 3, 4, or 5 , herein, to below the limit; and
  - ii. ensure that the wastewater being released from the premises meets on a continuous basis the limits set out in Sections 3, 4, or 5, herein

- iii. No person shall discharge or cause to be discharged into any sewer within, or entering, the City's wastewater system, any wastewater from a residential, commercial, institutional or industrial premise in a volume greater than five hundred (500) cubic metres per month without obtaining a license to do so from the City. No such license shall be given by the City until:
  - iv. such person has made an application in writing for permission to discharge into the City's wastewater system; and
  - v. such applicant provides the City with a current Waste Survey Report, as described in Section 31, herein, and
  - vi. the application has been formally approved in writing by the Director.
  - vii. No person shall discharge a holding tank into any portion of the City sewer system except at an approved sanitary dumping station.
  - viii. No person shall discharge a holding tank at an approved sanitary dumping station unless the discharge can be made through an approved pipe attached to the holding tank and inserted into the proper dumping inlet.
- g. Only recreation vehicles may discharge to the approved dumping station.
- h. No person shall discharge the contents of any privy vault, manure pit, or cesspool directly or indirectly into the City sewer system.

**DISCHARGES TO STORM SEWERS OR WATERCOURSE**

6. No person shall discharge or deposit or cause or permit the discharge or deposit into any storm sewer, land drainage works, or watercourse whether added directly or indirectly any wastewater:
- a. that may interfere with the proper operation of a storm sewer;
  - b. that may damage a storm sewer;
  - c. that could obstruct or restrict a storm sewer or the flow therein;
  - d. that could result in a hazard or adverse impact to any person, animal, property or vegetation;
  - e. that may impair the quality of the water in any well, lake, river, pond, spring, stream, reservoir or other water or watercourse;
  - f. that may result in the contravention of an approval, requirement, direction or other order issued by Alberta Environment or other enforcing agency with respect to the storm sewer or its discharge;
  - g. that has a temperature greater than 40°C;
  - h. having a pH less than 6.0 or greater than 9.0;
  - i. containing more than 20 milligrams per litre of suspended solids;

- j. containing more than 20 milligrams per litre of BOD;
- k. containing more than 100 milligrams per litre of COD;
- l. containing dyes or colouring material which discolours the wastewater;
- m. that has two or more separate liquid layers;
- n. that contains solvent-extractable matter of vegetable, mineral, or synthetic origin which causes a visible film, sheen or discoloration on the water surface;
- o. containing any ignitable waste or explosive matter which, by itself or in combination with other substances, is capable of causing or contributing to any explosion or supporting combustion;
- p. that contains radioactive materials, except where:
  - i. the radioactive materials are being discharged under a valid and current licence issued by the *Canadian Nuclear Safety Commission* or its successor; and
  - ii. a copy of the licence has been provided to the City;
- q. containing E. coli (faecal coliform) colonies in excess of 200 per 100 mL;
- r. containing the following in excess of the indicated concentrations:

Ammonia nitrogen (NH <sub>3</sub> -N)	1.0 mg/L
Arsenic	5.0 µg/L
Cadmium	0.1 µg/L
Chlorine (free)	0.5 µg/L
Chromium	1.0 µg/L
Copper	4.0 µg/L
Cyanide (total)	5.0 µg/L
Lead	5.0 µg/L
Mercury	0.026 µg/L
Nickel	0.05 mg/L
Oils & greases (except automotive or machine)	15.0 mg/L
Phenols	4.0 µg/L
Phosphorus	1.0 mg/L
Selenium	1.0 µg/L
Silver	0.1 µg/L
Zinc	0.03 mg/L
Total PAHs	5.0 µg/L

- s. containing the following matter, material or waste in any amount:
  - i. Floating debris;
  - ii. Sewage;

- iii. Once-through cooling water;
  - iv. Blowdown;
  - v. Automotive or machine oils and greases;
  - vi. Fuels;
  - vii. Paints and organic solvents;
  - viii. Substances and contaminants from raw materials, intermediate or final products used or produced in, through or from an industrial process;
  - ix. Substances used in the operation or maintenance of an industrial site;
  - x. Waste disposal site leachate;
  - xi. Hazardous wastes;
  - xii. Biological wastes;
  - xiii. Reactive wastes.
- t. Notwithstanding the above, once-through cooling water or blowdown may be released when:
- i. the once-through cooling water or blowdown is being discharged pursuant to a certificate of approval or order relating to the premises issued by Alberta Environment;
  - ii. the owner or tenant of the premises has written approval from the City which expressly authorizes the discharge from the premises; and
  - iii. a copy of the certificate of approval or order, has been provided to and approved by the City.
- u. Where livestock or any other animals are permitted within the City limits:
- i. such livestock or animals must not be allowed to drink or defecate in any open water bodies within the City Limits;
  - ii. a natural vegetated buffer with a minimum width of ten (10) metres per side of any open water bodies must be maintained, to prevent entry of any livestock or animals into the water bodies; and
  - iii. a fence must be installed by the owner or tenant of the property, at the discretion of the Director, to ensure compliance this Section.

#### **HAULED SEWAGE WASTE**

7. Hauled sewage waste may be disposed of at the wastewater treatment facility in any amount if it is shown to meet the following requirements:
- a. The hauled sewage waste delivered does not include any material that would violate sections 3 through 5 of this Bylaw;
  - b. The hauled sewage waste shall not contain any of the following: grit or skimmings or sludge from interceptors, catch basins, sumps, pre-treatment facilities or private wastewater disposal systems;
  - c. Hauled commercial and industrial sewage waste, which includes components other than domestic sewage, must be delivered from a single generator in a single load except with permission from the Director;



- d. The carrier is a recreational vehicle or recreational trailer discharging hauled sewage waste at a location which has been authorized by the City to receive such discharge;
- e. Hauled sewage must be from Residents within the City of Wetaskiwin as per Approval.
- f. The City of Wetaskiwin shall not accept hauled sewage from outside city sources
- g. The Director may prohibit or stop the release of hauled sewage waste from a premises into any discharge location if the Director believes:
  - i. the release of the hauled sewage waste is in contravention of this Bylaw; or
  - ii. that access to a disposal site has been obtained without authorization; or
  - iii. the facilities provided at a wastewater disposal site are being misused; or
  - iv. the release of hauled sewage waste may damage system or works, or
  - v. the contents of the hauled sewage waste is unknown or the disposal procedure is in doubt.
- h. The generator of the sewage waste is required, when requested by the Director, to obtain a sample that is representative of the material that would be hauled to the approved discharge location, and provide analysis from a CALA-certified laboratory, confirming compliances with this Bylaw, prior to disposal of the sewage waste, in accordance with this Bylaw and Schedule C.
- i. The City is permitted to take a random grab sample of the hauled sewage waste to ensure compliance with the Bylaw. In the event that such a sample determines that the hauled sewage waste is in violation of the Bylaw, the generator of the sewage waste shall be responsible for the cost to clean up the material disposed of in violation of the Bylaw, and any penalties that arise from the violation and any other associated cost as determined by the Director.
- j. If any of the parameters measured in the hauled sewage waste sample are in violation of Bylaw, the sewage waste will not be permitted to be discharged at any locations within the City.
- k. Every approved load of sewage waste discharged shall be accompanied by a waste manifest in accordance with Schedule D.
- l. The carrier of the hauled sewage waste shall have a certificate of approval or provisional certificate of approval issued under the *Environmental Protection and Enhancement Act* Alberta Chapter E-12 RSA 2000, as amended or repealed and replaced from time to time.
- m. The generator and the carrier shall each meet all conditions for discharge that are or may be set by the City with respect to the haulage of sewage waste, including those in this Bylaw and referred to in Schedule C.

**HAULED NON-SEPTIC WASTE**

8. Hauled non-septic waste may be disposed of at the wastewater treatment facility if it is shown to meet the following requirements:
  - a. The hauled non-septic waste delivered does not include any material that would violate any of the provisions of this Bylaw;
  - b. Hauled non-septic waste must be delivered from a single generator in a single load.
  - c. The Director may prohibit or stop the release of hauled non-septic waste from a premise into any discharge location when the Director believes:
    - i. the release of the hauled non-septic waste is in contravention of this Bylaw;
    - ii. that access to a disposal site has been obtained without authorization;
    - iii. the facilities provided at a wastewater disposal site are being misused;
    - iv. discharge of the hauled non-septic waste may damage the system or works; or
    - v. contents of the hauled non-septic waste are unknown or the disposal procedure is in doubt.
  - d. The generator of the non-septic waste is required, when requested by the Director, to obtain a sample that is representative of the material that would be hauled to the approved discharge location, and provide analysis from a CALA-certified laboratory, confirming compliance with this Bylaw, prior to disposal of the non-septic waste, in accordance with this Bylaw and Schedule C.
  - e. The City is permitted take a random grab sample of the hauled non-septic waste to ensure compliance with the Bylaw. In the event that such a sample determines that the hauled non-septic waste is in violation of the Bylaw, the generator of the non-septic waste will be responsible for the cost to clean up the material disposed of in violation of the Bylaw, any penalties that arise from the violation and any other associated cost as determined by the Director.
  - f. If any of the parameters measured in the hauled non-septic waste sample(s) are in violation of Bylaw, the hauled non-septic waste will not be permitted to be discharged at any location within the City.
  - g. Every approved load of hauled non-septic waste discharged shall be accompanied by a waste manifest, in accordance with Schedule D.
  - h. The carrier of the hauled non-septic waste shall have a certificate of approval or provisional certificate of approval issued under the *Environmental Protection and Enhancement Act* Alberta Chapter E-12 RSA 2000, as amended or repealed and replaced from time to time.
  - i. The carrier shall meet all conditions for discharge that are or may be set by the City with respect to the hauled non-septic waste, including those in this Bylaw and Schedule C.

**DILUTION**

9. No person shall discharge wastewater effluent directly or indirectly into either a sanitary or a storm sewer or as hauled sewage or waste if water has been added to the effluent for the purposes of dilution to achieve compliance with this Bylaw.

**MONITORING AND CONTROL OF DISCHARGES TO SEWERS**

10. Power and Authority of Inspectors

- a. An Inspector 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. The Inspector may:
  - i. inspect, observe, sample contents and measure flow in any private drainage system, wastewater disposal system, pre-treatment facility, storm water management facility, or inspection manhole;
  - ii. determine water consumption by reading water meters;
  - iii. test or install flow measuring devices;
  - iv. take samples of wastewater, storm water, clear-water waste and subsurface water being released from the premises or flowing within the private drainage system;
  - v. perform on-site testing of the wastewater, storm water, clear-water waste and subsurface water within or being released from the private drainage system's pre-treatment facility and storm water management facilities;
  - vi. collect and analyse samples of hauled wastewater coming to a discharge location;
  - vii. make inspections of the types and quantities of chemicals being handled or used on a premise in relation to possible release to a drainage system or watercourse;
  - viii. investigate the premises where a release of prohibited or restricted waste or of water containing prohibited or restricted waste has been made or is suspected of having been made to a wastewater system or watercourse, and to sample any or all matter that in their opinion could have been part of the release.
- b. If any such inspection discloses any failure, omission or neglect, or any defect in the location, construction, design or maintenance of any of the private drainage system or any connection from the City system, the Inspector shall direct, in writing, the owner or tenant of the premises to correct the act or omission or any defect or insufficiency, and the owner or tenant shall comply with such direction or may be prosecuted for contravention or failure to comply with the provisions of this Bylaw;

11. Inspection Manholes:

- a. Where an owner or tenant is developing or substantially modifying an industrial, institutional, commercial, or multi-family residential premises with one or more connections to a storm sewer or sanitary sewer, the owner or tenant may be required to install an inspection manhole by the Director, or if the Director determines that one or more existing manholes are suitable for the purpose of inspecting and sampling, they

may designate one or more such manholes as the inspection manhole, for the purpose of:

- i. allowing observations, sampling and measurements of the wastewater therein;  
or
  - ii. facilitating the clearing of blockages where in the opinion of the Director, the risk of sewer blockage is high.
- b. The owner or tenant must maintain the inspection manhole(s) in good condition at all times.
  - c. The City of Wetaskiwin has the right to install or require installation on any sewer service, a suitable inspection manhole on private or public property.
  - d. Inspection manholes shall be located within the property as close to the property line as possible, unless the City has given written approval for a different location.
  - e. Every inspection manhole installed as required by this section shall be designed and constructed in accordance with good engineering practice or engineering standards and the requirements of the City, and shall be constructed and maintained by the owner or tenant of the premises at their expense.
  - f. If an inspection manhole is required by the City to be installed on the sewer service between the property line and the public sewer main;
    - i. the City will construct such a manhole or facility at the owner or tenant's expense; or
    - ii. the owner may install such manhole at the City's discretion.
  - g. An inspection manhole(s) shall, for the purpose of enforcing this Bylaw, be deemed to be the point or points at which a discharge into a sewer is made.
  - h. If there is no inspection manhole, the point of discharge into a sewer shall be the location, as determined by the Director, where access can be had to the wastewater or waste for the purpose of taking a sample for the purposes of enforcing this Bylaw.
  - i. The owner or tenant of premises shall at all times ensure that every inspection manhole is installed as required by this section, and is accessible for the purposes of observing, sampling and measuring the wastewater or waste therein.

## 12. Monitoring

- a. Where in the opinion of the City, any source of wastewater connected to the wastewater system is likely to produce wastewater not in compliance with this Bylaw, the City may order the testing of the characteristics and concentrations of the wastewater being discharged and a record of each such analysis must be maintained by the company or person.

- b. Should any testing of wastewater disclose that the wastewater is not in compliance with this Bylaw, the City may, in addition to any other provision of this Bylaw, direct the owner or tenant to comply with the Bylaw and may direct the owner or tenant at their expense to install such monitoring equipment as the City deems necessary and supply the results of such monitoring to the City when requested.
- c. The City may periodically install and monitor devices to measure wastewater discharges for the purpose of determining compliance with respect to this Bylaw.
- d. The City may take and analyse samples over a period, which in the City's opinion, is sufficient to permit determination of the quality of the average wastewater effluent from a property under normal conditions.
- e. Where sampling is required for the purposes of determining the characteristics or contents of the storm water, clear water waste or wastewater, the sample may:
  - i. be a grab sample or a composite sample;
  - ii. contain additives for its preservation; and
  - iii. be collected manually or by using an automatic sampling device.

13. Preliminary Treatment

- a. The City may require persons discharging wastewater to provide, at their own expense, such pre-treatment facilities at a location prior to the inspection manhole in order to change the characteristics of the waste or wastewater to the standards required under the provisions of this Bylaw.
- b. Where pre-treatment facilities are provided for any waste or wastewater, they shall be maintained continuously in satisfactory and effective operation by the applicant at their own expense.
- c. Where a user pre-treats wastewater or hauled wastewater, or treats storm water that has become contaminated, the user shall provide proof to the Director that the residue generated by the pre-treatment facility is being stored and disposed of in a manner acceptable to the City and within the requirements of this Bylaw by providing:
  - i. access to the storage areas by an Inspector for inspection;
  - ii. the following information in documents maintained by the user and made available to the City when requested:
    - the amount stored (in kg);
    - the composition of the pre-treatment residue as determined through analytical testing;
    - packing slips for amount transported showing:
      - the amount transported;
      - method of transportation;
      - name of transportation company; and
    - copies of manifests showing final disposal of the residue.

- d. Where a user is required by the Director to provide a pre-treatment facility, the owner or tenant shall keep documentation pertaining to the pre-treatment facility and the final residue disposal for a minimum of two (2) years. Such documentation must be made available to the Director or an Inspector, upon request.

#### 14. Interceptors General

- a. An owner or tenant of any premises upon which industrial or commercial activity is carried on and which discharges into the wastewater system wastewater containing oil, grit, grease, sand, or inflammable material, shall provide an interceptor on the property in a location approved by the Director.
- b. Interceptors shall be located upon the site of the following and similar users; hospitals, school cafeterias, restaurants, dentist offices, dry cleaners, garages, gasoline service stations, and vehicle and equipment servicing and washing establishments.
- c. Interceptors may also be required for other types of businesses when in the opinion of the Director, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts or any ignitable wastes, sand and other harmful ingredients.
- d. The use of enzymes, solvents, hot water and any other method or product that causes oil and grease to pass through the interceptor is prohibited.
- e. All interceptors shall be of a type and capacity as to conform to standards of the Safety Codes Act and shall be so located as to be readily and easily accessible for cleaning and inspection.
- f. Where installed, all grease, sand and oil interceptors shall be maintained by the owner or tenant at their expense in continuously efficient operation at all times.
- g. The owner or tenant of the premises shall maintain the interceptor by:
  - i. keeping the interceptor in good working condition at all times;
  - ii. emptying the sump portion of the interceptor often enough so that it does not become overloaded;
  - iii. properly disposing of the material collected in the interceptor; and
  - iv. maintaining accurate records as to when and how the interceptor was installed, emptied, or serviced.

#### 15. Garbage Disposal Units

- a. No industrial, commercial, or institutional premises may install or operate a Garbage Disposal Unit (or similar device), the effluent of which will be discharged into either the sanitary or storm sewer, except where permitted by the Director.

#### 16. Screening and Screen Maintenance

- a. Where required by the Director, the owner or tenant shall install a screen, or screens:
  - i. through which the entire flow in the building drain, or sewer must pass;
  - ii. with a pore size determined by the Director; and
  - iii. locked in position.
- b. The owner or tenant of a premise where the flow is screened pursuant to this Section shall:
  - i. be responsible for maintaining and repairing the screen
  - ii. dispose in a safe manner of any material collected off the screen; and
  - iii. be responsible for any disruption of service, flooding or damages to the premises or other premises caused by installation, maintenance or repair of the screen, any blockage of the screen.

### **RELEASES**

17. Any person who releases or causes or permits a release in contravention of this Bylaw into a City sewer shall:
  - a. notify the water and wastewater emergency call number as advertised on the City of Wetaskiwin website immediately upon becoming aware of the release
  - b. provide the following information in the form which forms schedule E:
    - i. name of the company responsible for the release and the address of the location of the release;
    - ii. name of person reporting the release and telephone number where that person can be reached;
    - iii. time of the release;
    - iv. type of material released and any associated hazards;
    - v. volume of the material released;
    - vi. corrective action being taken to control the release; and
    - vii. any other information with regard to the release that is requested;
  - c. ensure that the person responsible for the release and/or the person in charge does everything reasonably possible to contain the release, protect human health and safety, minimize damage to property, protect the environment, clean up the release and contaminated residue and restore the affected area to its condition prior to the release;
  - d. within 24 hours following a release, submit to the City a detailed written report describing the cause of the release and the actions to be taken to prevent a recurrence including the following information:
    - i. date and time of the release;
    - ii. location of the point of the release;
    - iii. duration of the release and its release rate;
    - iv. composition of the release showing with respect to each substance its concentration, and the total weight, quantity or amount;
    - v. a detailed description of the circumstances leading to the release;

- vi. steps or procedures that will be taken to prevent similar releases;
  - vii. a summary of impairment, damage or harm which occurred to any person, premises, private drainage system, pre-treatment facility or private wastewater disposal system and;
  - viii. any other information required by the City;
- e. at the discretion of the Director, be charged all costs incurred by the City with respect to the release for containment, sampling, testing, removal, clean-up, disposal and any other activity related to the release.
- f. In addition to the requirements of this Bylaw, additional conditions or restrictions may be required under Provincial or Federal legislation.

**PROTECTION OF THE WASTEWATER SYSTEM**

18. Any person discharging wastewater, contaminated water, uncontaminated water or storm water into the municipal wastewater system shall be responsible for ensuring that such wastewater, contaminated water, uncontaminated water or storm water conforms at all times to the provisions, herein, and shall be liable for any damage or expense arising out of their failure to properly check and control such discharge, including the cost of investigation, repairing or replacing any part of any municipal wastewater system damaged thereby.
19. The City may:
- a. authorize the discontinuance of access to the City's wastewater system for the release of a user's wastewater, or the discontinuance of use of the City's public water system, where the City believes the release from the premises to be unacceptable;
  - b. prevent the release of such wastewater by plugging or sealing off the sewer and/or water services to the property until the user provides evidence satisfactory to the City that the wastewater of the user meets the requirements of this Bylaw or that no breaches of the provisions of this Bylaw will occur or are likely to occur;
  - c. authorize an Inspector to prohibit or stop the release of hauled wastewater into any discharge location when the Inspector believes the release or deposit of the hauled wastewater to be unacceptable, or until it is demonstrated to the satisfaction of the City that the release of the hauled wastewater is acceptable.
    - i. Should a sanitary sewer video inspection reveal a service construction problem on public property, the City shall undertake the necessary maintenance or repairs of the sewer service. The cost of manpower, equipment and testing shall be the responsibility of the City.
    - ii. Notwithstanding the provisions of this Section, the owner shall be responsible to maintain a clean water or sewer line from any buildings to the City main.
  - d. conduct a sanitary sewer video inspection, to determine the cause of reported sewer problems, upon request from a customer or owner.
    - i. Pursuant to this section, should a sanitary sewer video inspection reveal a service blockage only, a private service connection problem or a service



construction problem on private property, the responsibility to correct the problem shall remain with the customer or owner. The cost of resources and testing shall be the responsibility of the customer or owner and may be added to subsequent water or waste water bills.

- e. Whenever the City determines that a public safety hazard may exist in a release from a premise, the City may require the user:
  - i. to install a device approved by the City to detect the presence of the hazardous matter;
  - ii. to maintain the device so that the data produced is within the accuracy and precision limits specified by the manufacturer of the device;
  - iii. to maintain the data produced by the device during its operation and submit to the City when requested;
  - iv. to notify the water and wastewater emergency phone number immediately when the device detects a release of the hazardous matter.
- f. No person shall enter or work on a public sewer without authorization from the Director or their designate.
- g. No person shall cause damages or tamper with a City of Wetaskiwin wastewater system or wastewater facility. Any damage caused to the City's sewer system from any activity on private property shall be the responsibility of the property owner. The cost of such damage may be added to subsequent bills.
- h. No person, except authorized employees of the City, shall turn, lift, remove, and raise, the cover of any manhole, ventilator or other appurtenance of the City sewer system.
- i. No person shall introduce any pipe, tube, trough or conduit into the City sewer system.

#### **SEWER CONNECTIONS**

##### 20. New Sewer Connections

- a. Any person desiring a sewer connection shall make an application to the City on forms supplied by the City, accompanied by such plans as may be required.
  - i. Any person completing an installation pursuant to this section shall ensure that such installation is inspected by an authorized employee of the City prior to allowing backfilling. After backfilling, and before the sewer service is put into service, the installer or owner will provide a color CCTV video of the complete pipe interior of the completed installation to the City.
- b. The owner or tenant of the property to be served, or the owner or tenant's agent, shall sign the application, and the owner or tenant shall be responsible for the completeness and accuracy of the information furnished on such application and plans.
- c. Based upon the application, the applicable charges will be determined and applied.

##### 21. Public and Private Sewer Connections

- a. The City is responsible only for the sewer service on public property from the sewer main to the property line connection.
- b. The property owner or tenant is responsible for the piping, connections and all the internal works for the sewer service located within private property, including the property line connection.
- c. Sewer connection components on public property between the sewer main and private property shall be installed by the City at the expense of the owner or tenant on conditions and at rates and to specifications determined by the City. At the discretion of the Director, sewer connection components on public property may be installed by the owner or tenant of the property to be served, but shall still be installed to specifications determined by the City.
- d. Sewer connection components on private property shall be installed by the owner or tenant pursuant to a building permit having been issued for such purpose by the City and at the expense of the owner or tenant.
- e. A private sewer service shall not be installed until the municipal sewer to which it will be connected is fully completed and accepted for operation, unless approved by the Director.
- f. When the private sanitary sewer connection has been properly installed into a building, it shall be capped to prevent the flow of groundwater or storm water into the sanitary sewer system until:
  - i. all existing surface water in the excavation or basement has been pumped out; and
  - ii. the lot has been sufficiently rough graded to eliminate the probability of any ponding around the building foundations.

## 22. Sewer Construction

- a. The City shall in every case approve the location and size of sewer service pipe to be used.
- b. Where a specific size of sanitary sewer service is requested, and where the City's wastewater system cannot, in the view of the Director, handle such service, the applicant shall have the option of:
  - i. accepting the size of the sanitary sewer service as determined by the City, and limiting sanitary flows entering the sewer service from the property;
  - ii. paying in advance the cost, as determined by the City, of upgrading the City's sanitary sewer mains to meet the specific request; or
  - iii. if no agreement is reached, accepting a full return of monies paid at time of service application and a refusal of the service application.

- c. No person shall construct, install, maintain or cause or permit to be constructed, installed or maintained, whether installed prior to the date of the passing of this Bylaw or any of its predecessors, a direct or indirect connection to the sanitary sewer connection which would permit anything other than residential, commercial, institutional and industrial sewage to discharge into the sanitary sewer connection.
- d. No sewer connection shall be constructed on any road allowance, easement or other public land, except by the City or under a contract or agreement with the City.
- e. In the event that any person constructs a sewer service in a manner other than provided for in this section, the City may order the re-excavation of the connection for the purpose of inspection and testing and, if necessary, reconstruction of the work, and the City may have these works performed at the expense of the owner or tenant or disconnect the sewer connection, in which case it shall not be reconstructed except with the approval of the City as specified by the *City Engineering Design Standards*.
- f. Except as permitted by this Bylaw or the Director, no person shall construct or maintain in the City any privy toilet, septic tank, cesspool, or other facility intended or used for the collection or disposal of wastewater.
- g. In those cases where the existing sewer service does not meet the standard as determined by the City or where it is determined by the City that there is a public health or environmental issue with the existing sewer service, upon a re-subdivision of lots or re-development of the existing lot, the owner or tenant shall apply and pay to the City the application costs for a new installation(s) and for the disconnection of the existing sewer connections where necessary on an actual cost basis.
- h. In the event that a sewer connection is installed or operated in contravention of any provision of this Bylaw:
  - i. no discharges to the sewer connection will be permitted by the City; and
  - ii. the City may upon written notice disconnect the water and/or sewer connection. During any disconnection in accordance with this section, no person shall use or cause or permit the use of such a connection. The cost of the disconnection and reconnection shall be borne by the property owner or tenant and shall be payable to the City before any reconnection is made.

### 23. Reconstructed buildings

- a. Whenever an existing building is substantially demolished, the existing sewer services shall be disconnected by the City at a location approved by the City at the expense of the contractor, owner or tenant of the building. This work shall be done in coordination with a demolition permit, as issued by the City. The contractor, owner or tenant applying for the permit to construct any replacement building shall be required to apply and pay the City for the connection to sewer services and any sewer services needed to meet the requirements of this Bylaw.

- b. A contractor, owner or tenant who is applying for a permit to construct a replacement building or to disconnect a dwelling from a septic tank in order to connect to a sanitary sewer connection shall not be entitled to use an existing sewer service. Reuse of an existing sewer service may be allowed at the discretion of the Director, if the owner provides evidence such as a CCTV recording or other means satisfactory to the city that the existing sewer is in good condition and meets current standards. The applicant shall pay for the cost of the replacement.

#### 24. Abandonment

- a. The owner or tenant of any private drainage system to be abandoned shall at, the owner or tenant's expense, install a capping device approved by the Director on the pipe leading from the sewer service at a suitable location within the property so that:
  - i. wastewater will not back up into the property;
  - ii. soil and subsurface water will not enter the wastewater system.
- b. Failure to install a capping device as outlined in this section within ten (10) days after such abandonment shall permit the City to enter upon the property and block such connection at the expense of the owner or tenant.

#### 25. Cleanouts

- a. A building drain that is connected to a sanitary sewer shall be equipped with a main cleanout with a minimum diameter of 4 in. (100mm).
- b. The main cleanout shall be located as close as practical to the point where the sewer leaves the building and has sufficient vertical and horizontal clearance (2 metres in each direction) for effective rodding and cleaning.
- c. The owner or tenant shall maintain access to the cleanouts at all times.

#### 26. Surface Drainage System

- a. No owner or tenant of industrial, commercial or institutional premises shall do anything that may increase the peak flow rate of storm water or impair the quality of storm water discharged from the site, as per the Surface Drainage Bylaw and any amendments hereto.
- b. The direct connection of any new private drainage works to the City storm sewer is prohibited without the prior approval of the Director.
  - i. Before considering a request for an approval 2, or if a development is proposed with potential to increase the storm runoff rate from the site, the owner or tenant of commercial, institutional or industrial premises shall, at the discretion of the Director, be required to submit to the City a storm water management report identifying the storm water quantity and quality control measures being proposed for the site.

- c. No direct or indirect interconnection between the private storm drain system and the sanitary drainage system is permitted.
- d. At the discretion of the Director, an owner may be required to treat, restrict, impound or otherwise retain storm water before releasing the storm water from the premises. Any devices described in this section shall be:
  - i. approved by the Director,
  - ii. of a type and capacity as to conform to standards of the Safety Codes Act,
  - iii. located so as to be readily and easily accessible for cleaning and inspection, and
  - iv. maintained by the owner or tenant of the premises at all times.

27. Weeping Tile System

- a. Where a new connection is approved by the City, for the purposes of providing groundwater drainage, including foundation drain pipes and weeping tiles, the discharge must be regulated by means of a sump pump, in accordance with Bylaw 1888-17 and the sketch in Schedule F, herein.
  - i. The groundwater drainage system shall be installed and maintained by the owner or tenant of the premises, at their sole expense.

28. Pools and Hot Tubs

- a. In accordance with the Surface Drainage bylaw and any amendments hereto, the wastewater from a wading pool shall not be discharged such that:
  - i. it flows onto an adjoining property;
  - ii. it flows over a valley/ravine wall; or
  - iii. it may cause erosion or instability of the valley or ravine slope.
- b. The wastewater from a hot tub or swimming pool shall only be:
  - c. transported away by an appropriately licensed carrier;
  - d. discharged by way of a temporary connection to the sanitary sewer; or
  - e. treated to acceptable standards as determined by the Director before being discharged to the environment, to the street, or to the storm sewer.

29. Sewer Maintenance

- a. Any plumbing and drainage equipment discharging to the drainage system shall be installed and maintained by the owner or tenant of the premises at their expense.
- b. Any material introduced to the sewer system that causes a blockage is the responsibility of the owner or tenant, as outlined in this Bylaw.

**BEST MANAGEMENT PRACTICES**

- 30. The use of Best Management Practices (BMPs) does not eliminate the responsibility and requirement to comply with this Bylaw or any other applicable legislation or Bylaws.

- a. If Best Management Practices are being implemented to achieve compliance with this Bylaw the BMPs must:
  - i. be approved by the Director; and
  - ii. include a site specific BMPs plan that will be developed, implemented, and maintained by the owner or tenant.
- b. If the Best Management Practices have been accepted by the Director, the owner or tenant shall:
  - i. monitor the release to which the BMPs apply, whether it is for the sanitary sewer, storm sewer or both, to ensure that the releases are not in contravention of the Bylaw;
  - ii. retain the results from the monitoring and make them available for the City when requested.
- c. The cost of the implementation, monitoring and maintenance of Best Management Practices will be incurred by the owner or tenant.
- d. Industries designated by the Director must follow their respective Codes of Practise for waste water effluent /storm water quality.

#### **WASTE SURVEY REPORT**

31. The owner or tenant of any residential, commercial, institutional or industrial premises may be required by the Director to complete a current Waste Survey Report in the form that forms schedule G for the premises.
  - a. The owner or tenant shall have sixty (60) days to complete and submit the report.
  - b. If, after the report has been reviewed by the Director, there are inconsistencies or violations to the Wastewater Bylaw, enforcement action may be taken.
  - c. Where a change occurs with any of the information contained in a Waste Survey Report, the owner or tenant of the premises shall submit the new information within 30 days of the change to the City.

#### **WASTEWATER AND WASTE SURCHARGE AGREEMENTS**

32. The discharge or deposit of wastewater into the sanitary sewer that would otherwise be prohibited by this Bylaw may be permitted via a Wastewater and Waste Surcharge Agreement outlining conditions and additional charges.
  - a. A wastewater and Waste Surcharge Agreement may be entered into with respect to the discharge of the following treatable parameters in wastewater: Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Oil and Grease, Total Phosphorous, Total Kjeldahl Nitrogen (TKN) and Total Suspended Solids (TSS), or any other parameters at the discretion of the Director.

- b. The Wastewater and Waste Surcharge Agreement shall be in the form attached as Schedule H, herein. The Director shall be authorized to prepare and execute a Wastewater and Waste Surcharge Agreement on behalf of the City.

**COMPLIANCE PROGRAM**

33. A compliance program may be issued for the discharge of a non-complying effluent during the period of planning, design, construction or installation of facilities to eliminate the non-compliance.
  - a. The owner or tenant of a premise may submit to the City a program to prevent or to reduce and control the discharge or deposit of wastewater into land drainage works, private branch drains or connections to any sanitary sewer from the premises.
  - b. The owner or tenant of a premise may submit to the City a program to prevent or to reduce and control the discharge or deposit of uncontaminated water or storm water or eliminate the discharge or deposit of contaminated water or wastewater into land drainage works, private branch drains or connections to any storm sewer from the premises.
  - c. A compliance program approval may be issued by the Director on receiving:
    - i. an application for a compliance program approval in a form provided by the Director; and
    - ii. a fee in the amount determined by the Director.
  - d. An application for a compliance program approval shall be:
    - i. prepared and submitted at the sole expense of the person submitting the application; and
    - ii. signed by a Professional Engineer under seal, or other competent professional qualified in the field of wastewater treatment.
  - e. The compliance program approval will:
    - i. be for a specified length of time, not exceeding three years;
    - ii. contain specific information in regards to:
      - alternatives in technology available to bring the release into compliance with this Bylaw;
      - the proposed remedial action to be implemented;
      - the quality of release to be achieved;
      - the dates of commencement and completion;
      - the material to be used; and
      - all other relevant factors; and
    - iii. be subject to such terms and conditions as the Director may deem necessary.
  - f. A person to whom a compliance program approval has been issued shall submit a compliance program progress report to the Director within 14 days after the scheduled completion date for each activity listed in the compliance program.

- g. The compliance program progress report shall be produced in a form approved by the Director.
- h. A person to whom a compliance program approval has been issued shall not be prosecuted under this Bylaw, herein, for the discharge or deposit of wastewater containing the matters specified in the compliance program so long as there is full compliance with the compliance program approval.
- i. The Director may cancel or suspend a compliance program approval at any time.
- j. The premises, subject to a compliance program approval, shall be required to pay to the City a sum of money, as determined by the Director, for the purpose of covering any costs incurred by the City for any additional monitoring, treatment or administration that might arise as a result of the compliance program.
- k. The design, implementation and effectiveness of a compliance program in bringing releases into compliance with this Bylaw, following completion of the compliance program or termination of the program, is the sole responsibility of the person submitting the application. The City, by issuing the compliance program approval, shall not be liable in any way for failure of the release to meet the standards for compliance with this Bylaw or the approved compliance program.

#### **OFFENCES**

- 34. A person who contravenes a provision of this Bylaw is guilty of an offence.
  - a. A person found guilty of an offence is liable to a fine in an amount not less than that established by this Bylaw in Schedule I and not exceeding \$10,000.00
  - b. If a municipal tag is issued in respect to an offence, the municipal tag must specify the fine amount established by this Bylaw for the offence.
  - c. A person who commits an offence may, if a municipal tag is issued in respect of the offence, pay the fine amount established by this bylaw for the offence. If the amount is paid on or before the required date, the person will not be prosecuted for the offence.
  - d. If a violation ticket is issued in respect of an offence the violation ticket may:
    - i. specify the fine amount established by this bylaw for the offence; or
    - ii. require a person to appear in court without the alternative of making a voluntary payment.
  - e. A person who commits an offence may make a voluntary payment equal to the specified fine if:
    - i. a violation ticket is issued in respect of the offence; and
    - ii. the violation ticket specifies the fine amount established by this Bylaw for the offence.



- f. For the purposes of this Bylaw, a subsequent conviction means a conviction for an offence which occurs after the date of conviction for an earlier offence under this Bylaw or any previous Waterworks, Wastewater or Sewage Bylaw for the City.
- g. Any person who contravenes any of the provisions of this Bylaw, in addition to any penalty for infraction of this Bylaw, shall:
  - i. be liable to and shall on demand pay to the City all costs of cleaning and removing any of the materials in violation of this Bylaw; and
  - ii. remove and clean up a contamination resulting from the discharge of any such material into a sanitary or storm sewer, and for any other amount for which the City may be held legally liable because of such contamination.

**RATES**

- 35. The City shall levy sewer service charges on all sewer service subscribers, which shall be calculated in accordance with the rates set out in Schedule B, the Wastewater Rates, as amended from time to time.
- 36. Payment of applicable sewer service charges and any overstrength charges shall be made to and received by the City within thirty (30) days of the billing date.
- 37. Outstanding accounts shall be charged a penalty at the rate set out in in Schedule B, herein.
- 38. When no City water meter exists to determine the quantity of water used on a premises, the City will charge a flat fee for the purpose of determining charges for wastewater treatment service and any applicable overstrength charges.
- 39. A normal overstrength surcharge shall be levied where the wastewater being released from a premises exceeds the non-surchargeable upper limit (First Limit) on one or more constituents, based on the average strength of the wastewater as outlined in Section 4.
- 40. An extra overstrength surcharge shall be levied where the wastewater being released from a premises exceeds the normal surchargeable upper limit (Second Limit) on one or more constituents, based on the average strength of the wastewater as outlined in Section 5.
- 41. Wastewater, storm water and clear water waste hauled by truck for discharge at locations approved as outlined in Sections 7 or 8, herein, shall be charged at the rate set out in Schedules B and C.

**ENFORCEMENT**

- 42. To enforce payment of Outstanding Accounts, the City may undertake any or all of the following methods:
  - a. by action in any court of competent jurisdiction;
  - b. by shutting off the water or wastewater service being supplied to the sewer service subscriber or discontinuing the service thereof;

- c. by distress and sale of the goods and chattels of the person owing such charges, fees, or rates wherever they may be found;
- d. by entering the account on the assessment and tax roll of the city where the sewer service subscriber is the owner or tenant of the premises being served.

**GENERAL MATTERS**

- 43. Where no time limit is specifically stated in this Bylaw for completing any work, a person shall make application to carry out the work within sixty (60) days of notice being given by the City and shall complete the work within one hundred and twenty (120) days of notice being given by the City, subject to such extensions of time as the Director may determine.
- 44. No person shall supply false information or make inaccurate or untrue statements in a document or information required to be supplied to the City pursuant to this Bylaw.
- 45. No person shall knowingly withhold information about the use of their premises that could affect utility rates or charges or other requirements. It is the responsibility of the owner or tenant to notify the City in writing when any changes or modifications are made to premises owned by him that may affect sewer service charges or requirements. Failure to provide notification will constitute a violation of the Bylaw.
- 46. The City shall be entitled to bill and collect from the owner or tenant, the appropriate rates, tolls and charges, which would have been applied under this Bylaw if the City had been provided with the correct information, from the time the changes or modifications to the owner or tenant's premises were found to have first existed.

**CONFIDENTIAL INFORMATION**

- 47. All information submitted to and collected by the City that is contained in reports, surveys, monitoring and inspection and sampling activities will, except as otherwise provided in this section, be available for disclosure to the public in accordance with *Freedom of Information and Protection of Privacy Act (FOIP)*, Alberta Chapter RSA 2000, Ch.F-25, as amended or repealed and replaced from time to time.
- 48. In the event that any person submitting information to the City in any form, as required under this Bylaw, believes such information is confidential or proprietary or otherwise may be exempt from disclosure under *FOIP*, the person submitting the information shall so identify that information upon its submission to the City and shall provide sufficient details as to the reason for its purported exemption from disclosure.

**REPEAL AND PASSAGE**

- 49. This Bylaw shall come into force and effect on the date of final passing thereof.

**ENACTMENT**

**READ** a **FIRST** time this 23 day of April, 2019.

**READ** a **SECOND** time this 23 day of April, 2019.

**READ** a **THIRD** time this 23 day of April, 2019.

**ORIGINAL SIGNED**  
\_\_\_\_\_  
**TYLER GANDAM, MAYOR**

**ORIGINAL SIGNED**  
\_\_\_\_\_  
**PETER TARNAWSKY, CITY MANAGER**

**SCHEDULE A  
RESTRICTED WASTES  
(refer to Section 3.cc.of the Wastewater Bylaw)**

Waste discharged or deposited into a sanitary sewer that will enter the wastewater system must not contain quantities in excess of the following:

**CONVENTIONAL CONTAMINANTS and PHYSICAL PARAMETERS**

BOD	300 mg/L (currently 5000)
COD	600 mg/L (currently 10000)
Oil or Grease (total)	100 mg/L (currently 650)
Total Suspended Solids	300 mg/L (currently 2500)
pH	6.0 - 10 (currently 5.5-10)
Temperature	<60°C

**ORGANIC CONTAMINANTS**

BTEX, total	0.39 mg/L (currently 0.39)
Benzene	0.01 mg/L
Toluene	0.02 mg/L
Ethylbenze	0.06 mg/L
Xylene	0.30 mg/L
Carbon Tetrachloride	0.20 mg/L
Chloroform	0.04 mg/L (currently 0.4)
Dichlorobenzene (1,2-)	0.05 mg/L
Dichlorobenzene (1,4)	0.08 mg/L
Methylene chloride (dichloromethane)	0.09 mg/L
Hexachlorobenzene	0.0001 mg/L
Hydrocarbons	100.0 mg/L (currently 100)
Hydrocarbons, Chlorinated	0.02 mg/L
Hydrocarbons of Petroleum Origin	15.0 mg/L
PCB's (total)	0.004 mg/L
Phenols, Chlorinated	0.1 mg/L (currently 0.2)
Phenolic Compounds	0.1 mg/L (currently 1)
Solvent of Organic Origin	150.0 mg/L
Tetrachloroethane (1,1,2,2-)	0.06 mg/L
Tetrachloroethylene	0.06 mg/L
Trichloroethylene	0.054 mg/L
Total PAHs	0.05 mg/L

**INORGANIC CONTAMINANTS**

Aluminium	50.0 mg/L (currently 50)
Ammonia (as N)	10 mg/L
Antimony	5.0 mg/L
Arsenic	1.0 mg/L (currently 1)

Barium	3.0 mg/L
Beryllium	5.0 mg/L
Bismuth	5.0 mg/L
Boron	2.0 mg/L (currently 2)
Cadmium	0.7 mg/L (currently 0.7)
Chlorine (free)	2.0 mg/L (currently 2)
Chlorides	640.0 mg/L
Chromium (total)	2.8 mg/L (currently 2.8)
Cobalt	5.0 mg/L
Copper	2.0 mg/L (currently 2)
Cyanide (Total)	1.2 mg/L (currently 1.2)
Fluorides	10.0 mg/L (currently 10)
Iron	50.0 mg/L
Lead	0.7 mg/L (currently 0.7)
Manganese	1.0 mg/L
Mercury	0.01 mg/L (currently 0.01)
Molybdenum	5.0 mg/L (currently 5)
Nickel	2.0 mg/L (currently 2)
Nitrogen, Total Kjeldahl	50 mg/L (currently 500)
Phosphorus	10 mg/L (currently 200)
Phosphates	100 mg/L
Selenium	0.8 mg/L
Silver	0.4 mg/L (currently 0.4)
Solvent of Inorganic Origin	15.0 mg/L
Sulphates (Currently 1500)	429.0 mg/L
Sulphides (as H <sub>2</sub> S)	1.0 mg/L (currently 1)
Thallium	1.0 mg/L (currently 1)
Tin	5.0 mg/L
Titanium	5.0 mg/L
Vanadium	5.0 mg/L
Zinc	2.0 mg/L (currently 2)

**SCHEDULE B  
WASTEWATER RATES  
(refer to Bylaw 1876-16)**

**PART 1 – SEWER SERVICE CHARGE**

- |   |  |
|---|--|
| <b>1. Consumption Charge</b>  | <b>Bimonthly per m<sup>3</sup> of water consumption</b>                            |
| a. Residential  | \$1.00   |
| b. Commercial, Industrial, and Institutional  | \$1.25   |
|   |  |
| <b>2. Flat Fee Charge</b>   | <b>Bimonthly Charge</b>  |
| a. Residential Properties (Single Unit)   | \$53.30 per unit   |
| b. Residential Properties (Multi Unit)  | \$53.30 per unit   |
| c. Commercial/Industrial/Institutional  | \$96.77 OR consumption at a rate of \$0.6577 per cubic meter, whichever is greater |
| d. Properties not Connected to City Water system but do connect to the wastewater system  | \$106.60   |
|   |  |
| <b>3. Normal Overstrength Surcharge and Extra Overstrength Surcharge</b> for wastewater discharged with any matter in concentrations exceeding the First and Second Limits as defined in subsections 4 and 5, respectively, |  |

<b>Commercial/Industrial – SURCHARGED RATES</b>		
	<b>First Limit – Normal Surcharge</b>	<b>Second Limit – Extra Surcharge</b>
BOD	\$ 0.33 / kg	\$ 0.33 / kg
TSS	\$ 0.20 / kg	\$ 0.20 / kg
COD	-	-
Oil AND Grease	-	-
Phosphorus	-	-
TKN	-	-
NOTE: For wastewater which contains more than one of the above parameters, the fee will be calculated individually for each parameter.		

- |                     |            |
|---------------------|------------|
| a. Service Calls    | \$300/hour |
| b. Account Deposits | \$300      |

**PART 2 – OUTSTANDING ACCOUNTS**

A penalty charge of three percent (3%) per month on the total amount remaining unpaid after twenty-one (21) days from the mailing of a bill and such interest charges shall be added to and form part of the rate levied.

**PART 3 – LIQUID NON-HAZARDOUS WASTE**

Wastewater delivered by truck to the City approved dump station will be charged the following rate based on the number of loads:

1. Non-Hazardous Liquid Waste \$22.20 per tonne = ~1m<sup>3</sup> of water

**SCHEDULE C**  
**NORTH-EAST NON-HAZARDOUS DISPOSAL SITE OPERATIONS PLAN**  
**(refer to Sections 7 and 8 of the Wastewater Bylaw)**

The City of Wetaskiwin operates a liquid waste disposal station that contains a non-hazardous liquid waste raw sewage dumping station. Only non-hazardous liquid wastes, such as domestic septic tank, cesspool, and portable toilet wastes can be dumped into the North East Non-hazardous Disposal Site. All Non-hazardous liquid wastes dumped must meet the City of Wetaskiwin Wastewater Bylaw standards. Hazardous waste, industrial clarifier wastes, grease interceptor wastes, agricultural waste, car wash clarifier wastes, and other related industrial wastes are not accepted. Prior approval to discharge is required. Please apply to the Utilities Office at (780) 361-4453.

In order to use the disposal station for non-hazardous septic waste disposal, haulers must first obtain a permit to dispose of non-hazardous domestic septic wastes from the City of Wetaskiwin. No permit fee is required at this time, but a fee is charged for treating the wastes and operating the liquid waste disposal station. The fee is calculated on a per cubic metre basis, where volumes will be checked randomly. Haulers will be required to fill out a form upon each use of the disposal station; this information will then be used for billing purposes each month. Hours of operation will be Tuesdays and Thursdays from 10:30 A.M. to 2:30 P.M. with the exception of statutory holidays. Please set up an appointment with the Utilities Office at (780) 361-4453.

The City of Wetaskiwin reserves the right to cancel a hauler's permit to dispose of non-hazardous septic wastes, as well as to refuse waste from generators who do not meet bylaw standards.

**Instructions to Obtain a Permit to Dispose of Non-Hazardous and Septic Wastes to the Disposal Station**

1. A separate permit application is needed for each tanker truck or tank trailer. A copy of the application can be requested by calling the Utilities Office at (780) 361-4453 or by fax at (780) 352-5021. No permit fee is required at this time.
2. Provide the company information. If your company hauls hazardous wastes, enter the hazardous waste transporter information. (In the event of an unclean tank)
3. Provide information on your vehicle for the application form. This information is for the vehicle on which the tank is permanently placed. The vehicle can be either a tanker truck or tank trailer. The vehicle information should include the make, model, year, and Department of Motor Vehicle License number. Give the gallon capacity of the waste tank, which is the volume specified by the tank manufacturer or equivalent. This may include tank manufacturer's certificates, empty and full load weight tickets with the weight converted into gallons, or stencil transcription of plate information on the tank. All vehicles in question will be required to discharge through a metered connection (random checks will be conducted on loaded vehicles).



4. The application must be signed by an authorized company officer: for a sole proprietorship, the owner; for a partnership, a general partner; and for a corporation, the president or secretary of the corporation. A facility manager may also sign if authorized. Improperly signed applications may be returned.
5. Incomplete applications may be returned and further delay the processing of the permit.
6. Submit the completed permit application form by mail or by person to the City Utilities office:  

Address: 5710 - 51 Street	Mailing Address: City of Wetaskiwin
Wetaskiwin, AB	Box 6210
(780) 361-4453	Wetaskiwin, AB T9A 1L2
7. Should you have any questions, please call the Utilities Office at (780) 361-4453.

Once a permit is received and each hauler is registered with the City of Wetaskiwin Utilities Office, the hauler will be able to use the Disposal Station.

- Haulers will only be able to use the disposal station during hours of operation. The disposal station will be open by appointment on Tuesdays and Thursdays from 10:30 A.M. to 2:30 P.M. During this time an operator will be present to assist the user or to sample the waste water to ensure bylaw compliance.
- Upon entering the disposal station each hauler must have the permit to dispose of non-hazardous and septic waste available in the vehicle, to present to the attending site operator. The hauler must then provide the correct information to the operator for the manifest sheet. This includes the date, time, company name, amount of waste being disposed, generator, generator's contact number, and finally, the hauler's signature. Only one generator per load will be allowed. In the event the hauler has received prior permission from the Utilities Department, the hauler will fill out the above information on the haul record sheet at the station, for each load hauled.
- Once the appropriate paper work is completed, the hauler may proceed to dispose of the non-hazardous waste in the corresponding area.
- Septic tank and holding tank effluent originating within the City limits will have no charge if the source address is paying a monthly sewer fee. Septic tank and holding tank effluent originating where no monthly sewer fee is being paid will be subject to the \$22.20/tonne – doesn't match other rate tipping fee. No materials originating from outside City limits will be permitted to enter the site.

- At the end of every month the manifest sheets filled out by the operators will be used to calculate the amount of material dumped by each hauler. From these volumes the City of Wetaskiwin will bill the appropriate haulers. The current rate is \$22.20/tonne.

To ensure that the North East Non-Hazardous Disposal Site Operations Plan is being followed, several checks will be carried out.

1. Haulers will be audited from time to time to check accuracy on manifests.
2. Haulers will be periodically sampled by City Staff, and material tested by a third party company. The City will pay all costs for the testing of samples that meet the bylaw requirements. If a sample fails to meet the bylaw criteria, the hauler will be assessed the cost of the testing for the first offence. The second offence brings a minimum fine of \$1000.00 plus the cost of the test. If a third offence occurs within a calendar year, the hauler will be assessed a minimum fine of \$1000.00 plus the cost of the test, as well as have their permit revoked and entry to the site will no longer be permitted.
3. Generators will be contacted to verify hauler's manifest.

**SCHEDULE D  
WASTE REQUEST MANIFEST  
(refer to Sections 7 and 8 of the Wastewater Bylaw)**

No.: \_\_\_\_\_

Date: \_\_\_\_\_

**WASTE GENERATOR**

Company Name	_____	Type of Sewage	_____
Facility Name	_____	Source of Waste	_____
Mailing Address	_____	Waste Name	_____
Phone Number	_____	Quantity	_____ m <sup>3</sup> kg
Fax Number	_____	Date	_____
Released by:	_____	Email	_____
Authorized Signature	_____		

**WASTE CARRIER**

Company Name	_____	Method of Transport	_____
Mailing Address	_____	License Plate No.	_____
Phone Number	_____	Fax Number	_____
Received by	_____	Date	_____
Authorized Signature	_____	Email	_____

**WASTE RECEIVER**      **Wetaskiwin Liquid Non-Hazardous Waste Facility**

Reason for Rejection and Follow-up Taken: \_\_\_\_\_  
\_\_\_\_\_

Date	_____	Quantity of Waste	_____
Time of Delivery	_____	Time Unloaded	_____
Received by	_____	Authorized Signature	_____

**SCHEDULE D  
WASTE REQUEST MANIFEST Cont'd**

**DISPOSAL AGREEMENT**

On behalf of: \_\_\_\_\_ (Company's Name),  
I, \_\_\_\_\_ (Name of authorized person) declare that I am familiar with  
\_\_\_\_\_ (Name of material to be disposed), that the material is  
\_\_\_\_\_ non-hazardous and it meets all provincial legislation and regulation covering its transportation, handling and disposal. I further confirm that the samples of the material and the test results supplied to the Director of Infrastructure & Operations, if required, are representative of all material to be disposed. If upon further testing by the City of Wetaskiwin, the material is found to be unacceptable to the Director, I accept all responsibility for the City of Wetaskiwin testing costs and for the removal and proper disposal of the unacceptable materials.

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Name, please print	Authorized Signature	Date
--------------------	----------------------	------

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Name, please print	Witness Signature	Date
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Top copy will be taken by Carrier to the disposal facility and given to the City's wastewater operator to fill out the Waste Receiver Section. The bottom copy the Generator will keep after the Waste Generator, Waste Carrier and Disposal Agreement are filled out. If the load is rejected the top copy of the form will be filled out by the City's wastewater operator and faxed or emailed to the generator.

The information contained on this form is collected under the authority of the *Freedom of Information and Protection of Privacy Act* and shall only be used for the purposes for which it was collected.

**SCHEDULE E  
RELEASE FORM  
(refer to Section 17 of Wastewater Bylaw)**

The following information shall be provided when a release into a sanitary or storm sewer has occurred within the City of Wetaskiwin.

Name of company responsible for the release: \_\_\_\_\_  
Address of the location of the release: \_\_\_\_\_  
Name of the person reporting the release: \_\_\_\_\_  
Telephone number of the person reporting the release: \_\_\_\_\_  
Time of the Release: \_\_\_\_\_  
Type of Material(s) released: \_\_\_\_\_

Any associated hazards with the material released: \_\_\_\_\_

Volume of the material(s) released: \_\_\_\_\_

Circumstances leading to the release: \_\_\_\_\_

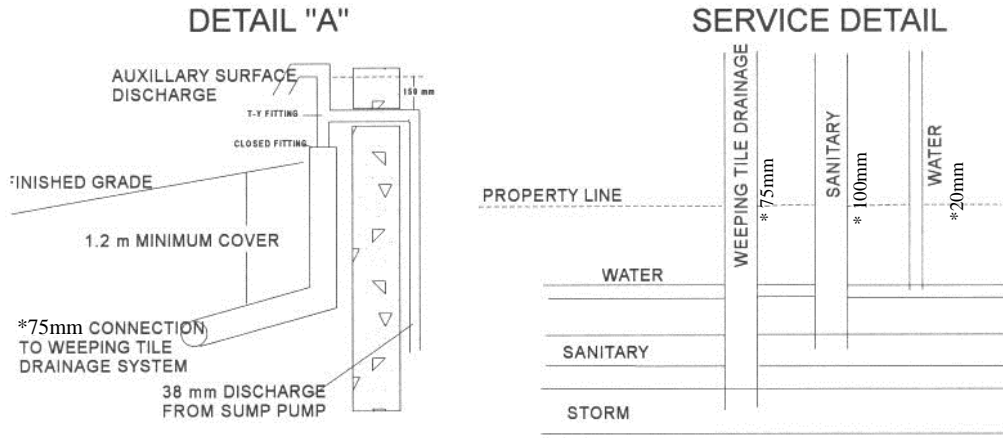
Corrective action being taken to control the release: \_\_\_\_\_

Any other information with regard to the release that is requested: \_\_\_\_\_

In addition to the requirements of the Wastewater Bylaw, a release may also be subject to additional conditions or restrictions under Provincial or Federal legislation.

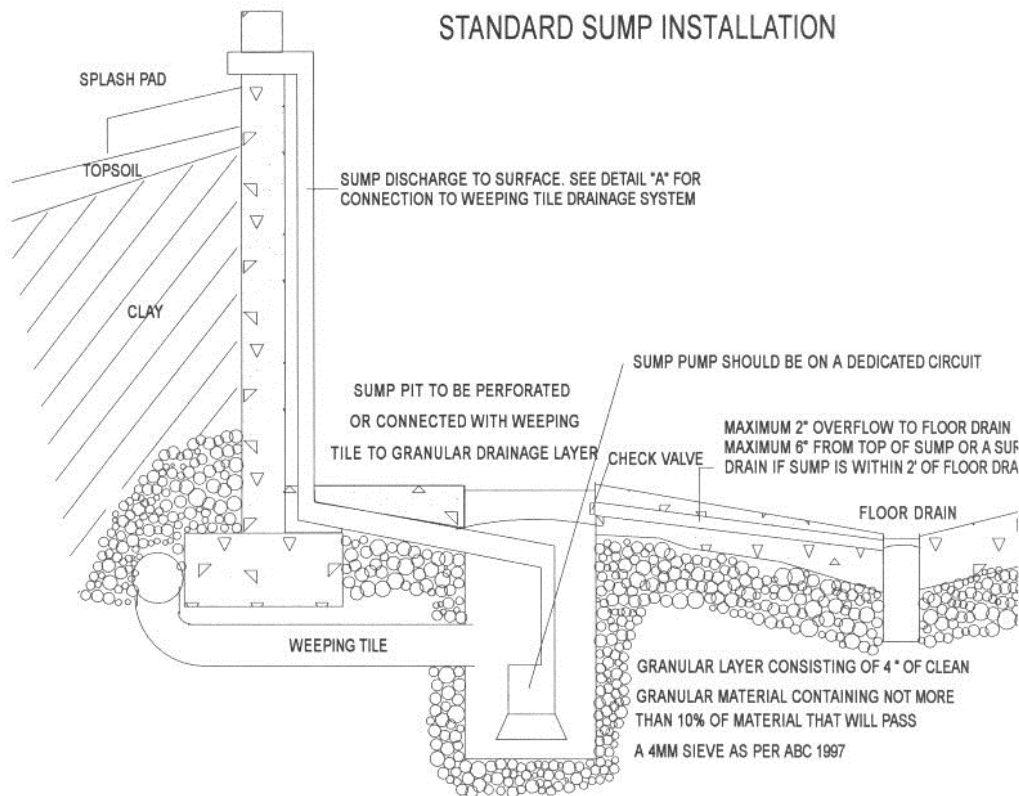
The information contained on this form is collected under the authority of the *Freedom of Information and Protection of Privacy Act* and shall only be used for the purposes for which it was collected.

**SCHEDULE F  
DIAGRAM OF SUMP PUMP SYSTEM  
(refer to Section 27 of Wastewater Bylaw and the latest engineering standards)**



\* Standard Residential Connection

**STANDARD SUMP INSTALLATION**



**SCHEDULE G  
WASTE SURVEY REPORT**

(refer to Section 31 of Wastewater Bylaw)

**CITY OF WETASKIWIN**

**4705 – 50<sup>TH</sup> Avenue  
Wetaskiwin, Alberta  
T9A 2E9**

**Section 1: General Information**

Name of Person

Submitting Report:

Company Name \_\_\_\_\_ Telephone \_\_\_\_\_  
Address \_\_\_\_\_ Email \_\_\_\_\_

Company Officer responsible for effluent control \_\_\_\_\_

Company Name \_\_\_\_\_ Telephone \_\_\_\_\_  
Address \_\_\_\_\_ Email \_\_\_\_\_

Location of Premises \_\_\_\_\_

Confirmation if the person submitting the report (or their company) is the owner of the property, or a tenant on the property?  Owner  Tenant

THE INFORMATION CONTAINED IN THIS REPORT TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, COMPLETE AND ACCURATE.

Name	Title	Signature	Date
------	-------	-----------	------

**Section 2 – Product or Service Information**

Type of industry based on the North American Industry Classification System (NAICS) codes listed under Section 9 – Industrial Sectors; include any and all that apply:

\_\_\_\_\_

Brief description of manufacturing or service activities:

\_\_\_\_\_

Principal products produced or services rendered:

Number of Employees \_\_\_\_\_ Plant \_\_\_\_\_  
Shifts per day \_\_\_\_\_ Officer \_\_\_\_\_

Operational days per week \_\_\_\_\_

Major processes: Batch QTY \_\_\_\_\_/day  
Continuous

Product Seasonal  Yes If Yes, description of production cycle:

Variation

No

---

Clean Up Period:

Yes

No

If Yes, clean-up period activities:

---



**Section 3 – Waste Characteristics**

List all Water Supply Sources:

Type of waste discharged	TYPE	AVERAGE FLOW/DAY (m <sup>3</sup> /day)
	Sanitary	_____ Estimated/Measured
	Noncontact Cooling	_____ Estimated/Measured
	Contact Cooling	_____ Estimated/Measured
	Process	_____ Estimated/Measured
	Other	_____ Estimated/Measured
Wastes are discharged to	TYPE	AVERAGE FLOW/DAY (m <sup>3</sup> /day)
	Sanitary #1	_____ Estimated/Measured
	Sanitary #2	_____ Estimated/Measured
	Storm Sewer #1	_____ Estimated/Measured
	Storm Sewer #2	_____ Estimated/Measured
	Ground Water	_____ Estimated/Measured
	Surface Water	_____ Estimated/Measured
	Evaporation	_____ Estimated/Measured

Complete the remaining sections of this report if any wastes other than sanitary-type wastes are discharged to the sanitary sewer or if any wastes other than storm water are discharged to the storm sewer. Also, complete Pollutant Information Sheets (Sections 10 through 17) for the discharge to each sewer.

**Section 4 – Physical Layout**

Layout sketch of property (to scale or approximate) to co-ordinate buildings, pre-treatment works, property boundaries, effluent lines, and sanitary and storm sewer connections.

\*(Sewers shall be numbered so that they can be related to Pollutant Information Sheets)

**Section 5 – Waste Discharge Information**

For wastes discharged into or in connections to any sanitary sewer or storm sewer, list: Registration Number:  
as assigned under the *Water Act*, Alberta Chapter W3.5

For wastes discharged into or in connections to any sanitary sewer or storm sewer (complete Section 6 for each sewer), list:

Description of Waste:

Description of Generating Process:

Primary Characteristics of Waste:

Analytical Data:

Name and Address of Laboratory:

Waste Class Hazardous Waste No.

Secondary Characteristics of Waste:

Analytical Data:

**Section 6 – Pre-Treatment**

<input type="checkbox"/> Air Flotation	<input type="checkbox"/> Grease Trap	<input type="checkbox"/> Sedimentation
<input type="checkbox"/> Centrifuge	<input type="checkbox"/> Grit Removal	<input type="checkbox"/> Septic Tank
<input type="checkbox"/> Chemical Precipitation	<input type="checkbox"/> Ion Exchange	<input type="checkbox"/> Solvent Separation
<input type="checkbox"/> Chlorination	<input type="checkbox"/> Neutralization (pH Correction)	<input type="checkbox"/> Spill Protection
<input type="checkbox"/> Cyclone	<input type="checkbox"/> Ozonation	<input type="checkbox"/> Sump
<input type="checkbox"/> Filtration	<input type="checkbox"/> Reverse Osmosis	<input type="checkbox"/> No Pre-treatment Provided
<input type="checkbox"/> Flow Equalization	<input type="checkbox"/> Screening	
<input type="checkbox"/> Grease or Oil Separation, Type :		
<input type="checkbox"/> Biological Treatment, Type :		
<input type="checkbox"/> (Rainwater) Storm water Diversion or Storage :		
<input type="checkbox"/> Other Chemical Treatment, Type :		
<input type="checkbox"/> Other Physical Treatment, Type :		
<input type="checkbox"/> Other, Type :		

**Section 7 – Pollutant Information Sheet (Restricted Matter)**

Sanitary Sewer			
Storm Sewer	Sewer Number		

Indicate by placing an "x" in the appropriate box for each listed parameter whether it is "suspected to be absent", "known to be absent", "suspected to be present", or "known to be present" and the known or suspected concentration currently being discharged in milligrams per litre. Dilution is not permitted under the Wastewater Bylaw; as such any water added to the discharge for the purpose of diluting the discharge must be subtracted for any and all concentration calculations or estimations. (Complete Section 8 for all sanitary and storm sewer connections).

PARAMETER	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration (mg/litre)
aluminum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ammonia nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
antimony	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
arsenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
barium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
bismuth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
boron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cadmium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
chromium (total)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cobalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
iron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
manganese	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
molybdenum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
nickel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

selenium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
silver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
thallium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
tin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
titanium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
vanadium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
zinc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
chlorine (free)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
chlorides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cyanide (total)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
fluorides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
sulphates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
sulphides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phenolic compounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phenols, chlorinated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
hydrocarbons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
hydrocarbons, chlorinated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
hydrocarbons of petroleum origin[ ]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
solvent of inorganic origin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
solvent of organic origin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
total PAHs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
COD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
oil & grease (animal/veg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
oil & grease (mineral/syn)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phosphorus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
total Kjeldahl nitrogen (TKN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
phosphorus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
total Kjeldahl nitrogen (TKN)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Section 8 – Pollutant Information sheet (Prohibited Matter)</b>					
Sanitary Sewer No. :					
PARAMETER	Known Present	Suspected Present	Known Absent	Suspected Absent	Concentration (kg/month)
pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
hazardous wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

ignitable wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
biological wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
hauled wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
reactive wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
radioactive materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
waste disposal site leachate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
dyes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
elemental mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
paint	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
PCBs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Section 9 - Industrial Sectors</b>					
* "X" endings mean that the values can range from 0 to 9 (example: 3332XX can mean any NAICS code between 333200 and 333299).					
<b>CATEGORY</b>			<b>NAICS*</b>		
<b>LEATHER AND LEATHER PRODUCTS</b>					
Leather Tanning and Finishing			316110		
Leather Goods			31699X		
<b>STONE CLAY AND GLASS PRODUCTS</b>					
Stone, Clay and Glass Products			3271XX-3273XX		
Glass Manufacturing			3272XX		
Cement Manufacturing			3273XX		
<b>PRIMARY METAL INDUSTRIES</b>					
Iron and Steel Foundries			3311XX-3312XX		
Nonferrous Metals			331511-331513		
(Forming/Manufacturing)			331312-331411		
Aluminum Forming			331315-331319		
Copper Forming			331421-331422		
Misc. Primary Metal Products			3312XX-3328XX		
<b>FABRICATED METAL PRODUCTS</b>					
Metal Finishing			3321XX-3329XX		
Electroplating			332813		
Coil Coating			339911-339914		
Ordnance and Accessories			332992-332995		
Misc. Fabricated Metal Products			3321XX-3339XX		
<b>EQUIPMENT AND MACHINERY</b>					
Machinery Manufacturing			332XXX-3345XX		
Electrical and Electrical Comp.			333XXX-336XXX		
Misc. Electrical Equipment			333XXX-336XXX		
Transportation Equipment			3361XX-3369XX		
Instruments and Related Products			3345XX-3391XX		
Miscellaneous Manufacturing			3322XX-3399XX		
<b>TRANSPORTATION AND PUBLIC SERVICES</b>					
Transportation Services			481XXX-562XXX		
Storage and Warehousing			4931XX		

Electricity Generation and Dist.	2211XX-2212XX
Water Supply	22131X
Water Distilleries	312140
Waste Treatment and Disposal	22132X
Waste Management	562990
Refuse System	562212-562219
Hazardous Waste Treaters	562211
Airport Operations	488119
Freight Rail and Passenger Rail	482112-482114
<b>WHOLESALE AND RETAIL INDUSTRY</b>	
Petroleum Products Dealers	45431X
Automobile Wrecking	42114X, 44131X
Automobile Wholesale & Dist.	415110
Scrap and Waste Materials	42193X
<b>SERVICES</b>	
Furniture Refinishing	71151X
Gasoline Service Stations	4471XX
Automotive Repair	8111XX
Photographic Services	81292X
Hospitals, Clinics and Medical Labs	6215XX-6223XX, 3391XX
Dental Clinics and Offices	621210
Veterinarian Services	541940
Hotels	721111
Industrial and Commercial Laundries	8114XX-8123XX, 56174X
Funeral Services	8122XX
Disinfecting and Exterminating	56171X-56172X
Building Maintenance	56172X, 56179X
Construction Industry	234XXX-235XXX
<b>FOOD AND KINDRED PRODUCTS</b>	
Meat	311611-311613
Poultry	311615
Dairy	31151X-31152X
Fruit and Vegetables	3112XX-3119XX
Grain Mills	3111XX-3119XX
Fats and Oils	3112XX-3117XX
Bakery Products	3118XX-3119XX
Beverages	3119XX-3121XX
Misc. Food Processing	3113XX-3121XX
Tobacco	31221X-31222X
Food Services and Drinking Facilities	722
Food Wholesaler & Distr.	413110, 413190, 413160
<b>TEXTILE MILL PRODUCTS</b>	
Primary Textile	3132XX-3133XX, 3151XX
Textile Products	3132XX-3149XX
Apparel and Other Textile Products	3149XX-3159XX

<b>LUMBER AND WOOD PRODUCTS</b>	
Timber Products Processing	321XXX-339XXX
Wood Preserving	321114
Wood & Metal Furniture Manufacturing	336XXX-339XXX
<b>PAPER AND ALLIED PRODUCTS</b>	
Misc. Converted Paper Products	3221XX-3222XX
Printing and Publishing	3231XX, 5111XX
<b>CHEMICALS AND ALLIED PRODUCTS</b>	
Inorganic Chemicals Manufacturing	3251XX
Soaps and Cosmetics	32561X-32562X
Gums and Wood Chemicals	325191
Fertilizer Manufacture	32531X
Adhesives and Sealants	32552X
Chemicals and Chemical Preparation	3251XX-3259XX, 31194X
Paving and Roofing Materials	32412X
Coal and Petroleum Products	32419X
Custom Compounding of Purchased Resin	325911
<b>RUBBER AND MISC. PLASTIC PRODUCTS</b>	
Rubber Products	313XXX-339XXX
Plastics Molding	3332XX-3335XX, 32619X
<p>The above is only a partial list of the NAICS codes. The following internet web pages may be helpful in determining your NAICS classification codes(s):</p> <p><a href="http://www.naics.com/">http://www.naics.com/</a></p> <p><a href="http://www.census.gov/epcd/www/naics.html">http://www.census.gov/epcd/www/naics.html</a></p>	
<p>The information contained on this form is collected under the authority of the <i>Freedom of Information and Protection of Privacy Act</i> and shall only be used for the purposes for which it was collected.</p>	

**SCHEDULE H  
WASTEWATER SURCHARGE AGREEMENT  
(refer to Section 32 of Wastewater Bylaw)**

**THIS AGREEMENT** made this \_\_\_\_\_ day of \_\_\_\_\_ A.D., \_\_\_\_\_.

**BETWEEN:** **THE CITY OF WETASKIWIN**  
**(Hereinafter called the City)**

**OF THE FIRST PART**

- and -

\_\_\_\_\_  
**(Hereinafter called the Company)**

**OF THE SECOND PART**

**WHEREAS** the City enacted Bylaw No. \_\_\_\_ / \_\_\_\_ on the \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, relating to the discharge of wastewater in the City;

**AND WHEREAS** the said Bylaw prohibits the discharge or deposit of wastewater containing certain substances in quantities in excess of the limits set by the Bylaw but provides that the City may permit the discharge of wastewater which would otherwise be prohibited by the said Bylaw to an extent fixed by agreement with the City under such conditions with respect to payment or otherwise as may be necessary to compensate for any additional costs of treatment;

**AND WHEREAS** a person who has entered into such an agreement shall not be prosecuted under the Bylaw for discharge or deposit of wastewater in accordance with the terms of the agreement;

**AND WHEREAS** the Director of Infrastructure & Operations has been authorized to prepare and execute such an agreement on behalf of the City;

**AND WHEREAS** the Company carries on an activity within the City at premises known as \_\_\_\_\_ (address) which activity produces a wastewater discharge in which the quantity of one or more of total suspended solids, biochemical oxygen demand (hereinafter referred to as BOD), chemical oxygen demand (hereinafter referred to as COD), Kjeldahl nitrogen, phosphorous, or solvent-extractable matter of animal and vegetable origin (hereinafter referred to as oil or grease) is above the permissible limits set out in the said Bylaw which results in materially adding to the cost of treatment at the municipal wastewater system.

**NOW THEREFORE THIS INDENTURE WITNESSETH** that the parties hereto mutually covenant and agree as follows:

1. (1) During the currency of this agreement, the QUANTITY OF WASTEWATER DISCHARGED by the Company from its premises at \_\_\_\_\_(the said premises) to the sanitary sewer system shall not exceed \_\_\_\_\_cubic metres per day and the RATE OF SUCH DISCHARGE OF WASTEWATER from the said premises shall not exceed \_\_\_\_\_ cubic metres per hour.  
 (2) In calculating the quantity of wastewater for the purposes of this agreement, storm water shall be excluded.

2. During the currency of this agreement only, the QUALITY OF THE WASTEWATER discharged by the Company from the said premises to the sanitary sewer system MAY EXCEED THE LIMITS SET BY THE BYLAW with respect to the quantity of suspended solids, BOD, COD, oil or grease, phosphorus and Kjeldahl nitrogen provided that they SHALL NOT EXCEED THE FOLLOWING LIMITS AT ANY TIME:

(a) Suspended solids	_____	milligrams/litre
(b) BOD	_____	milligrams/litre
(c) COD	_____	milligrams/litre
(d) Oil or grease	_____	milligrams/litre
(e) Phosphorus	_____	milligrams/litre
(f) Kjeldahl nitrogen	_____	milligrams/litre
(g) Other _____	_____	milligrams/litre

3. THE DISCHARGE OF WASTEWATER BY the Company from the said premises containing suspended solids, BOD, COD, oil or grease, phosphorus or Kjeldahl nitrogen, IN EXCESS OF THE ABOVE LIMITS, shall constitute a contravention of this agreement and thus a contravention of the Bylaw.

4. In determining the quality of wastewater for the purposes of this agreement, the volume of any storm water or any water which was added for the purposes of diluting the wastewater to achieve compliance with Bylaw No. \_\_\_\_\_ - \_\_\_\_ shall be deducted from the total volume of wastewater for any and all calculations. Standard Methods, as defined in the Bylaw, shall be used for any and all measurements taken.

5. THIS AGREEMENT SHALL REMAIN IN FORCE

Starting on \_\_\_\_\_ (Date) \_\_\_\_\_ (Time)

Ending on \_\_\_\_\_ (Date) \_\_\_\_\_ (Time)

6. THIS AGREEMENT MAY BE TERMINATED BY THE CITY at any time on 30 days written notice sent by registered mail addressed to the Company at the said premises, if, in the Director of Infrastructure & Operation's opinion:

- (a) The wastewater is causing a health or safety hazard to a wastewater system employee; or
- (b) The wastewater is causing damage to the sewers, materially increasing their maintenance costs or causing a dangerous condition; or
- (c) The wastewater is causing damage to the wastewater treatment process or causing a dangerous condition in the treatment works; or



- (d) The wastewater is causing the biosolids from the wastewater system to fail to meet Alberta Environment's criteria relating to contaminants for spreading the biosolids on agricultural lands; or
- (e) The wastewater is causing the wastewater system effluent to contravene any requirement as regulated by Alberta Environment; or
- (f) The wastewater is causing a hazard to any person, animal, property, or vegetation; or
- (g) The wastewater is contrary to this bylaw in any way other than as provided herein.

- 7. THIS AGREEMENT MAY BE TERMINATED BY THE CITY at any time where there is an emergency situation of immediate threat or danger to any person, property, plant or animal life, or waters.
- 8. THIS AGREEMENT MAY BE TERMINATED BY THE COMPANY at any time on 30 day's written notice sent by registered mail addressed to the \_\_\_\_\_ of the City.
- 9. EXCEPT AS HEREIN OTHERWISE EXPRESSLY PROVIDED, THE COMPANY SHALL CONFORM TO THE PROVISIONS OF THE SAID BYLAW of the City relating to the discharge of wastewater and in the event of termination of this agreement, the Company shall immediately conform to the provisions of the said Bylaw.
- 10. THE COMPANY HEREBY COVENANTS AND AGREES TO PAY TO THE CITY a fee based on an average excess of \_\_\_\_\_ of \_\_\_\_\_ milligrams/litre, an estimated annual plant discharge of \_\_\_\_\_ cubic meters, and at a treatment cost set by the City on a year to year basis.

The said fee shall become due and be paid quarterly on the last days of March, June, September and December in each year of any renewal until terminated as herein provided. The fee payable for the period \_\_\_\_\_, to December 31, \_\_\_\_\_, shall be \$ \_\_\_\_\_, payable in quarter yearly instalments of \$ \_\_\_\_\_.

- 11. (1) THE COMPANY COVENANTS AND AGREES TO PAY TO THE CITY on demand interest on overdue amounts at the prime rate existing for the day on which such amount is due and calculated from such date to the date of payment.  
  
(2) In Subsection (1), "Prime rate" means the lowest rate of interest quoted by chartered banks to the most creditworthy borrowers for prime business loans as determined and published by the Bank of Canada in the periodic publication entitled the Bank of Canada Review.
- 12. THE CITY MAY TERMINATE THIS AGREEMENT at its option without notice if the Company fails for more than two months to pay an overdue amount but such termination shall not relieve the Company from its liability to make such payment.
- 13. (1) Where the Company has substantially reduced the quantity of the substances discharged under the terms of this agreement by reason of the installation of pre-treatment facilities or a change in its processes or operations, the Company shall be entitled to a reduction in the charge so that the payments shall be based on the reduced quantity discharged.  
(2) A reduction under Subsection (1) in the amount of the charge shall not take effect until at least 30 days from the date that the Company notifies the City in writing of the change and until the City has had such additional time as may be necessary in the circumstances to take samples and re-evaluate the waste being discharged.

(3) Where it is determined that the quantity of the substances discharged under the terms of this agreement has substantially increased, the City shall be entitled to increase the charge so that payments shall be based on the increased quantity discharged.

(4) An increase under Subsection (3) shall not take effect until the City notifies the Company in writing of the increase in the amount of the charge, and the effective date of the increase.

14. THIS AGREEMENT shall ensure to the benefit of, and be binding upon the heirs, executors, administrators, successors and assigns of the parties hereto.

15. THIS AGREEMENT has been reviewed and is acceptable to the Company.

**IN WITNESS WHEREOF** the parties hereto have signed this Agreement by the hands of their respective proper officers in that behalf duly authorized.

**SIGNED AND DELIVERED**

in the presence of:

\_\_\_\_\_  
**Company Name**

**CITY OF WETASKIWIN**

\_\_\_\_\_  
**Printed Name of Company Official**

\_\_\_\_\_  
**Printed Name of Director of Infrastructure & Operations**

\_\_\_\_\_  
**Signature of Company Official**

\_\_\_\_\_  
**Signature of Director of Infrastructure & Operations**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Date**

**SCHEDULE I  
PENALTY AMOUNTS  
(refer to Section 34 of Wastewater Bylaw)**

<b>Offence</b>	<b>Section</b>	<b>Penalty</b>	<b>Subsequent Offence</b>
Release to a sanitary sewer of other than permitted matter	3,4,5	\$2,000	\$4,000
Release of a hazardous waste to a sanitary sewer	3.k.	\$4,000	\$8,000
Release to storm sewer\watercourse of other than permitted matter	6	\$3,000	\$6,000
Release of hazardous waste to storm sewer or watercourse	6.s.	\$5,000	\$10,000
Not maintaining the buffer between livestock and open water bodies	6.u.ii	\$2,000	\$4,000
Livestock watering or defecating in open water bodies within City Limits	6.u.i.	\$5,000	\$10,000
Disposing of hauled wastewater or waste other than permitted matter	7.a.	\$2,000	\$4,000
Hauled wastewater or waste that contains grit, skimmings or sludge	7.b.	\$2,000	\$4,000
Hauled wastewater or waste from multiple generators in a single load without permission from Public Works	7.c.	\$4,000	\$8,000
Disposal of hauled wastewater or waste without prior approval	7.g.	\$1,000	\$2,000
Disposal of wastewater or waste in which the random sample determined that the load already disposed of violated the Wastewater By-law	7.i.	\$2,500	\$5,000
Waste manifest not completely filled out or filled out incorrectly	7.k.	\$1,000	\$2,000
Wastewater diluted into a sanitary, storm sewer or watercourse	9	\$2,000	\$4,000
Hauled wastewater or waste diluted and disposed of into the wastewater system	9	\$2,000	\$4,000
Inspector hindered during investigation	10	\$5,000	\$10,000
Improper installation and maintenance of an inspection manhole	11	\$1,000	\$2,000
Monitoring device not installed or maintained	12	\$5,000	\$10,000
Data from monitoring device not available when requested	12.b.	\$2,000	\$4,000
Improper installation and maintenance of a wastewater pre-treatment facility	13	\$5,000	\$10,000
Interceptor not properly installed or maintained	14	\$2,000	\$4,000
Improper disposal of material from interceptor	14.g.	\$1,000	\$2,000
Unauthorized installation or operation of a garbage disposal unit	15.a.	\$2,000	\$4,000
Screen not properly installed or maintained as required	16.a.	\$2,000	\$4,000
Owner or person who is involved in a release, fails to notify proper authorities of the release	17	\$5,000	\$10,000

Incorrect information supplied on Release Report	17.b.	\$5,000	\$10,000
Written Release Report not submitted or submitted incomplete	17.d.	\$2,000	\$4,000
Reasonable effort to contain\remove\dispose of released material not taken	17.c.	\$5,000	\$10,000
Entering\working on public sewers without authorization	19.g.	\$2,000	\$4,000
Damaging or tampering with sewerage system or wastewater facility	19.h.	\$5,000	\$10,000
Connecting private sewers without a permit	21.d.	\$3,000	\$6,000
Causing an increase in peak flow or quality of storm water discharge from site	26.a.	\$1,000	\$2,000
Storm water flow restrictor not installed or maintained	26.d.	\$2,000	\$4,000
Improper installation and maintenance of weeping tile system	27	\$1,000	\$2,000
Improper disposal of material from swimming pool, wading pool or hot tub	28	\$1,000	\$2,000
Unable to provide results from monitoring BMP's when requested by the city	30.b.	\$1,000	\$2,000
Failure to complete a Waste Survey Report, when requested by City	31	\$1,000	\$2,000
Failure to comply with terms, conditions and requirements of the Compliance Program	33	\$3,000	\$6,000
Supplying false information in any document pertaining to this Bylaw.	44	\$5,000	\$10,000
Contravention of any other clause in this Bylaw.		\$500	\$1,000