



OFFICE OF THE CITY CLERK

SEWERS USE BYLAW

BYLAW NO. 9675

(CONSOLIDATED ON APRIL 1, 2012)

CITY OF EDMONTON

BYLAW 9675

SEWERS USE BYLAW

“**Whereas**, pursuant to sections 7 and 8 of the *Municipal Government Act*, Chapter M-26.1, Council may pass bylaws for municipal purposes respecting public utilities and the enforcement of bylaws made under this or any other enactment, and to regulate or prohibit and provide for a system of licenses, permits or approvals.

Edmonton City Council enacts:”

(S.2, Bylaw No. 12429, August 28, 2001)

PART I - PURPOSE, DEFINITIONS AND INTERPRETATION

- | | | |
|--------------------|---|---|
| PURPOSE | 1 | The purpose of this Bylaw is to regulate the release of matter to the City of Edmonton’s sewerage system and watercourses and to levy sewer service charges for services provided. |
| DEFINITIONS | 2 | In this bylaw, unless the context otherwise requires: <ul style="list-style-type: none">(a) “adverse effect” means impairment or damage to<ul style="list-style-type: none">(i) the sewerage system or the wastewater treatment facility;(ii) human health or safety;(iii) City property; or(iv) the environment;(b) “application” means a request in an application form prescribed by the City Manager, or in letter format if an application form is not available |

- (i) for a permit or an approval;
 - (ii) to amend, add or delete a term or condition of a permit or an approval;
 - (iii) to change the activity that is the subject of a permit or an approval; and
 - (iv) to renew a permit or an approval;
- (b.1) **“average monthly winter consumption”** means that average metered water consumption at a premise during the six month period from October 1 to March 31;
- (S.2, Bylaw 13310, March 25, 2003)
- (c) **“Best Available Demonstrated Technology”(BADT)** means treatment technology that is considered demonstrated based on usage in similar type applications and that is environmentally desirable based on its minimization of emissions through the application of best available technology in combination with good operating practices, where costs are not overriding considerations, and includes internal processing, operating, and water use practices that maximize or enhance treatment technology performance;
- (d) **“Best Management Practices” (BMP)** means an integrated plan to control and reduce the release of restricted and prohibited waste into the sewerage system to a practicable extent, through methods including physical controls, pretreatment processes, operational procedures and staff training;
- (e) **“biochemical oxygen demand” (B.O.D)** means the quantity of oxygen required for the biochemical degradation of organic material and the oxygen used to oxidize inorganic material such as sulphides and ferrous iron during a 5 day, 20 degree Celsius incubation period and may measure the oxygen used to oxidize reduced forms of nitrogen, as determined by using a standard procedure;
- (S.2(a), Bylaw 14335, June 19, 2007)
- (f) **“biological waste”** means waste from a hospital, medical clinic, health care facility, mortuary or biological research laboratory which contains or may contain:

- (i) pathogenic agents that cannot be effectively mitigated by wastewater treatment; and
 - (ii) experimental biological matter that may be hazardous to human health or detrimental to the environment;
- (g) **“biosolids”** means a primarily organic solid in water, produced by wastewater treatment processes, that can be beneficially recycled;
- (h) **“building”** means any structure used or intended for supporting or sheltering any use or occupancy;
- (i) **“building drain”** means the horizontal piping, including any vertical offset that conducts wastewater, clear-water waste or storm water to a building sewer;
- (j) **“building sewer”** means a pipe that is connected to a building drain one (1) meter outside a wall of a building and that leads to a public sewer or private wastewater disposal system;
- (k) **“Bylaw”** includes this Bylaw and all regulations made by the administration pursuant to the authority of this Bylaw;
- (l) **“carrier”** means a person accepting for transportation or transporting clear-water waste, storm water, wastewater or hazardous wastes for storage, treatment or disposal;
- (m) **“catch basin”** means a receptacle for receiving storm water and retaining sediment from an exterior area or surface;
- (n) **“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 using a standard procedure;
- (S.2(b), Bylaw 14335, June 19, 2007)
- (o) **“City”** means the City of Edmonton;
- (p) **“City Manager”** means the Chief Administrative Officer of the City or his delegate;
- (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 three or four digit Standard Industrial Classification (SIC) code as published by Statistics Canada, and amended from time to time;

- (r) **“clear-water waste”** means any water, including potable water from a public distribution system, to which no matter has been added;
- (s) **“colour”** means the true colour unit of water from which turbidity has been removed, as determined by using a standard procedure;

(S.2(c), Bylaw 14335, June 19, 2007)

- (t) **“combined sewer”** means a City owned sewer for the collection and transmission of clear-water waste, wastewater and storm water;
- (u) **“commercial”** means those activities that are principally for either the sale of goods or the provision of services, or both;
- (v) **“compliance program”** means a plan approved by the City Manager to permit a person who releases storm water or wastewater 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 bring the release into compliance with the provisions of this Bylaw;
- (w) **“composite sample”** means a sample obtained by mixing three or more discrete samples, or representative portions thereof, that have been collected over a period of time, depth or at different sampling points;
- (x) **“contaminated site”** means a site where a soil or groundwater contaminant exceeding applicable regulations has been identified;
- (y) **“Council”** means the municipal council of the City of Edmonton;
- (z) **“domestic wastewater”** means wastewater released from non-institutional, non-commercial and non-industrial premises as a result of normal human living processes;
- (aa) **“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 components referred to in (I) and (ii);
- (bb) **“fixture”** means a receptacle, appliance, apparatus, floor drain or other device that releases wastewater or clear-water waste;
- (cc) **“flammable liquid”** means a substance that is a liquid, a mixture of liquids or a liquid containing solids in solution or suspension that has a flash point not greater than 61 degrees Celsius, as determined by using a standard procedure;
- (S.2(d), Bylaw 14335, June 19, 2007)
- (dd) **“flow monitoring point”** means an access point to the building drain, building sewer, private drainage system or sewer service for the purpose of:
- (i) measuring the rate or volume of wastewater, storm water, clear-water waste and subsurface water being released from the premises; and
 - (ii) collecting representative samples of the wastewater, storm water, clear-water waste and subsurface water being released from the premises;
- (ee) **“fuelling station area”** means the area at a commercial, institutional or industrial facility used for fuelling of vehicles or equipment that includes the fuelling pad dispensing units and associated structure;
- (S.2(e), Bylaw 14335, June 19, 2007)
- (ee.1) **“fuelling pad”** means the paved surface area surrounding the fuel dispenser(s) to a distance of at least two (2) metres in every direction beyond the furthest reach of each pump hose, arm or other transfer device;

(S.2(m), Bylaw 14335, June 19, 2007)

- (ff) **“grab sample”** means a sample collected at a particular time and place;
- (gg) **“hauled wastewater”** means wastewater transported by truck to another point for disposal;
- (hh) **“hazardous substance”** means:
 - (i) any substance or mixture of substances, other than a pesticide, that exhibits characteristics of flammability, corrosivity, reactivity or toxicity; and
 - (ii) any substance that is designed as a hazardous substance within the regulations of the Environmental Protection and Enhancement Act and the Waste Control Regulation (AR129/93) of the Province of Alberta, and any successor to this Act or regulations;
- (ii) **“hazardous waste”** means any hazardous substance disposed of or to be disposed of as waste, as set out in the regulations of the Environmental Protection and Enhancement Act and the Waste Control Regulations (AR129/93) of the Province of Alberta, and any successor to this Act or regulations;
- (jj) **“hydrocarbons”** mean those solvent extractable materials included in oil and grease that is not absorbed by silica gel, as determined by using a standard procedure;

(S.2(f), Bylaw 14335, June 19, 2007)
- (kk) **“high potential contaminant release area”** means an outdoors area where activities occur, which may have a high potential for the release of wastewater, or storm water that is in violation of the requirements of this Bylaw, and includes loading dock areas, trash compactor areas, auto wrecker storage yards, fuelling station areas, outdoors wash areas, material transfer areas, and other areas designated by the City Manager;

(S.2(g), Bylaw 14335, June 19, 2007)
- (ll) **“industrial”** means those activities that are principally for the processing of materials or the manufacturing, assembling, servicing, repairing, storing or transporting of materials, goods or equipment;

- (mm) **“industrial wastewater”** means wastewater released from institutional, commercial or industrial premises;
- (nn) **“Inspector”** means a person authorized by the City Manager to enforce the provisions of this Bylaw who is a City of Edmonton Bylaw Enforcement Officer as defined in the Bylaw Enforcement Officer Bylaw 8081, or subsequent amendments or succeeding bylaws;
- (oo) **“institutional”** means those activities that are principally for the provision of community, educational, religious, cultural or recreational services;
- (pp) **“interceptor”** means a receptacle designed and installed to remove specific substances from wastewater or storm water under a predefined range of operational parameters, including, but not limited to, flow rate and specific gravity;
- (qq) **“land drainage”** means the systems that convey and manage storm water;
- (rr) **“land drainage utility”** means the user funded business operations responsible for the operations, maintenance, upgrading, expansion and environmental impacts of the publicly owned land drainage systems;
- (ss) **“land drainage utility charge”** means the monthly utility charge to users of the publicly owned land drainage systems that are determined in relation to property area, intensity of development and land zoning;
- (tt) **“Letter of Authorization”** means a signed letter from a wastewater generator, submitted to the City Manager, authorizing a hauled wastewater carrier to remove and transport domestic wastewater from a premises during a defined time period, and certifying the quality of the wastewater, in lieu of a generator’s signature on the manifest, for each load removed from the premises;
- (uu) **“loading dock area”** means the outdoors loading dock of a building used for loading and unloading trucks, trailers and rail cars, and the area within one(1) metre in front of the loading dock;
- (vv) **“manifest”** means the document accompanying a load of hauled wastewater that identifies:

- (i) its generator,
 - (ii) date and time of loading,
 - (iii) its quantity and composition,
 - (iv) the transporting company,
 - (v) date and time of release of the load, and
 - (vi) the persons consigning, hauling and authorizing the release of the load;
- (ww) **“matter”** means any solid, liquid or gas;
- (xx) **“material transfer area”** means the outdoors area at a commercial, institutional or industrial facility where the bulk transfer of gasses, liquids or solids takes place, and the surrounding area within two (2) metres;
- (yy) **“oil and grease”** means any solvent extractable material of animal, vegetable or mineral origin, as determined by using a standard procedure;
- (S.2(h), Bylaw 14335, June 19, 2007)
- (zz) Repealed, (S.2(1), Bylaw 16030, April 1, 2012)
- (aaa) **“outdoors wash area”** means an outdoors area where commercial, institutional or industrial vehicles or equipment are washed or cleaned, and the surrounding area within two (2) metres;
- (bbb) **“owner”** means any person who is registered under the Land Titles Act as the owner of land, or any other person who is in lawful possession thereof or who is in lawful possession or occupancy of any buildings situated thereon;
- (ccc) **“Permit to Release”** means a permit issued by the City that allows an owner of a premise to release wastewater, storm water, subsurface water or clear-water waste;
- (ddd) **“person”** means any individual, partnership, or corporation and heirs, executors, administrators or legal representative of a person;
- (eee) **“person responsible”** means:

- (i) the owner of the matter;
 - (ii) every person who has or has had charge, management or control of the matter, including the manufacture, sale, handling, use, storage, disposal, transportation, display or method of application of the matter;
 - (iii) any successor, assignee, executor, administrator, receiver, receiver-manager or trustee of a person referred to in (i) or (ii); or
 - (iv) a person who acts as the principal or agent of a person referred to in (i), (ii) or (iii);
- (fff) **“phenols”** means the hydroxy derivatives of benzene and its condensed nuclei, as determined by using a standard procedure;
- (S.2(i), Bylaw 14335, June 19, 2007)
- (ggg) **“premise”** means any land or building or both, or any part thereof;
- (hhh) **“pretreatment facility”** means one or more treatment devices designed to remove sufficient matter from wastewater or storm water to allow compliance with effluent limits established in this Bylaw;
- (iii) **“private drainage system”** means a privately owned assembly of pipes, fittings, fixtures, traps and appurtenances, including the building sewer and building drain, that is used to convey wastewater, clear-water waste, storm water or foundation drainage to a sewer service or a private wastewater disposal system;
- (jjj) **“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;
- (kkk) **“Professional Engineer”** means an engineer or licensee registered and in good standing with the Association of Professional Engineer, Geologists and Geophysicists of Alberta;
- (lll) **“Prohibited Waste”** means matter set out in Schedule

“A”;

(mmm) **“public sewer”** means a sewer which is owned by the City;

(nnn) **“radioactive materials”** means prescribed substances as defined in the Atomic Energy Control Act and Regulations (R.S., 1985, c.A-16) as amended from time to time;

(ooo) **“release”** means to directly or indirectly conduct matter to the sewerage system, wastewater treatment facility or watercourse by spilling, discharging, disposing of, abandoning, depositing, leaking, seeping, pouring, draining, emptying, or by any other means;

(ppp) **“remediation site”** means a site where a soil or groundwater contaminant has been identified and the contaminant has been, is being, or is planned to be removed by remedial activity;

(qqq) **“Restricted Waste”** means matter set out in:

(i) Schedule “B”, when applicable to the sanitary sewerage system or the combined sewerage system;
or

(ii) Schedule “C”, when applicable to the storm sewerage system or a watercourse;

(rrr) **“sanitary sewer”** means a City owned sewer for the collection and transmission of wastewater;

(sss) **“settleable solids”** means the material settling out of suspension within a defined period, and may include floating material, as determined by using a standard procedure;

(S.2(j), Bylaw 14335, June 19, 2007)

(ttt) **“sewage”** means wastewater;

(uuu) **“sewer service”** means the City owned pipe that connects the public sewer to a private drainage system;

(vvv) **“sewerage system”** means all City owned facilities for collection, storage, transportation and pumping of storm water, clear-water wastes or wastewater, or any part thereof, and includes swales, ditches, channels and storm

water management facilities;

- (www) **“sharps”** means hypodermic needles, hypodermic syringes, blades, broken glass, and any devices, instruments or other objects which have acute rigid corners, edges or protuberances;
- (xxx) **“sludge”** means wastewater containing more than 0.5% total solids;
- (yyy) **“snow storage site”** means a parcel of land designated and operated by the City used to store snow that is removed from city roadways and private property;
- (zzz) **“small quantity release”** means a volume, determined by the City Manager, below which the prohibited or restricted substance limits may be exempted;
- (aaaa) **“soil contaminant”** means any matter identified in City Bylaws or in Provincial or Federal Acts, Regulations or guidelines as a contaminant or pollutant that is present in sufficient concentration in soil or subsurface water to cause it to be classified as a contaminant or pollutant;
- (bbbb) **“Standard Methods”** means the latest edition of Standard Methods for the Examination of Water and Wastewater prepared and published jointly by the American Public Health Association, American Water Works Association and the Water Pollution Control Federation, as amended from time to time;
- (cccc) **“standard procedure”** means any:
- (i) procedure set out in Standard Methods;
 - (ii) procedure set out in Methods Manual for Chemical Analyses of Water and Wastes, published by the Alberta Environmental Centre, as amended from time to time; or
 - (iii) procedure authorized in writing by the City Manager;
- (dddd) **“storm sewer”** means a City owned sewer for the collection and transmission of storm water, subsurface water and clear water wastes;
- (eeee) **“storm water”** means surface run off water which is the

result of natural precipitation;

(ffff) **“storm water management facility”** means an impoundment and appurtenant structures, connections and controls for containment, detention or retention of storm water and its delayed release at a controlled rate to a receiving sewerage system or watercourse;

(gggg) **“subsurface water”** means water at a depth of not more than 15 metres beneath the surface of the ground and includes foundation drainage;

(hhhh) **“suspended solids”** means the portion of total solids retained by a filter, as determined by using a standard procedure;

(S.2(k), Bylaw 14335, June 19, 2007)

(iiii) **“total kjedahl nitrogen” (TKN)** means organically bound nitrogen plus ammonia nitrogen, as determined by using a standard procedure;

(jjjj) **“total solids”** means the material residue left in the vessel after evaporation of the sample and its subsequent drying in an oven at a defined temperature, as determined by using a standard procedure;

(S.2(l), Bylaw 14335, June 19, 2007)

(kkkk) **“trash compactor area”** means the outdoors area within two (2) metres of any mechanical device used to compact refuse prior to disposal;

(llll) **“user”** means any person, including a trustee, manager or any other person, either individually or jointly with others, owning or occupying any premises and includes any agent, worker, servant or employee of such person;

(mmmm) **“wastewater”** means the composite of water and water-carried wastes from residential, commercial, industrial or institutional premises or any other source;

(nnnn) **“wastewater treatment facility”** means any structure or thing used for the physical, chemical, biological or radiological treatment of wastewater, and includes sludge treatment, biosolids storage and disposal facilities;

- (A) covered by a permanent structure; or
- (B) uncovered, but only if the area is 250 square metres or less, and
- (C) where drainage from other outdoors areas does not drain into the high potential contaminant release area;
- (ii) from a snow storage site; or
- (iii) directed to the sanitary sewer by Alberta Environment.

**- PERMITTED WITH
PRIOR PERMISSION**

- (4) The following may be released into a sanitary sewer only with the prior permission of the City Manager:
 - (a) wastewater, storm water or subsurface water from a remediation site;
 - (b) storm water and subsurface water from homes and developments where exceptional conditions exist;
 - (c) a small quantity release of wastewater containing a Prohibited Waste or a Restricted Waste, only if it is determined to have a minimal adverse effect on the sewerage system;
 - (d) wastewater from a swimming pool, tank, pond, vessel, reservoir or other containment device or structure, such device or structure having a volume of 100 cubic metres or more;
 - (e) non-residential wastewater containing a Restricted Waste where Best Available Demonstrated Technology (BADT) for a class of industry cannot meet the concentration levels described in Schedule B, provided the concentration levels achievable through the use of the BADT are not exceeded; and
 - (f) non-residential wastewater containing a Restricted Waste provided:
 - (i) such releases are permitted on a site specific basis only; and
 - (ii) a site-specific Best Management Practices (BMP) plan has been developed, implemented, and is being

maintained.

- NO DILUTION** (5) No person shall dilute wastewater in order to enable its release in compliance with this section.
- COMBINED SEWER** 5 (1) Except as permitted in this section no person shall release or permit the release of any matter into a combined sewer.
- NO HAZARDOUS WASTES** (2) No person shall release or permit the release of any matter containing a hazardous waste into a combined sewer.
- PERMITTED RELEASES** (3) Subject to section 5(4), the following may be released into a combined sewer:
- (a) wastewater that does not contain:
 - (i) a hazardous waste;
 - (ii) a Prohibited Waste; or
 - (iii) a Restricted Waste;
 - (b) storm water other than:
 - (i) from a high potential contaminant release area; or
 - (ii) from roof drainage and foundation drainage systems originating on single family and duplex premises;
 - (c) clear water waste other than from a high potential contaminant release area;
 - (d) storm water from roof drainage and subsurface water from existing homes and developments where subsurface drainage was connected to a combined sewer prior to December 13, 1988; and
 - (e) storm water from a high potential contaminant release area, treated so that it does not contain:
 - (i) a hazardous waste,
 - (ii) a Prohibited Waste, or
 - (iii) a Restricted Waste;
- PERMITTED WITH PRIOR PERMISSION** (4) The following may be released into a combined sewer only with the prior permission of the City Manager:

- (a) wastewater, storm water or subsurface water from a remediation site;
- (b) storm water and subsurface water from homes and developments where exceptional conditions exist;
- (c) a small quantity release of wastewater containing a Prohibited Waste or a Restricted Waste only if it is determined to have a minimal adverse effect on the sewerage system;
- (d) wastewater from a swimming pool, tank, pond, vessel, reservoir or other containment device or structure, such device or structure having a volume of 100 cubic metres or more;
- (e) non-residential wastewater containing a Restricted Waste where BADT for a class of industry cannot meet the concentration levels described in Schedule B, provided the concentration levels achievable through the use of the BADT are not exceeded; and
- (f) non-residential wastewater containing a Restricted Waste provided:
 - (i) such releases are permitted on a site specific basis only, and
 - (ii) a site-specific BMP plan has been developed, implemented, and is being maintained.

NO DILUTION

- (5) No person shall dilute wastewater in order to enable its release in compliance with this section.

WASTEWATER CONCENTRATIONS BASED ON SANITARY WASTEWATER

- (6) In a combined sewer area wastewater concentrations are based on the concentrations of a substance in the sanitary wastewater and the wastewater associated with the institutional/commercial/industrial processes not including storm water, clear water waste of subsurface water.

(S.3, Bylaw 14335, June 19, 2007)

HAULED WASTEWATER – NON-DOMESTIC WASTEWATER

- 6 (1) No person shall:
 - (a) haul storm water, clear-water waste or wastewater to or from premises within the City, except for City owned

vehicles, without:

- (i) a current Waste/Garbage Collector's License issued by the City for each vehicle used; and
 - (ii) a validation sticker displayed on the windshield or side window of the vehicle;
- (b) discharge or permit the discharge of hauled wastewater:
- (i) at a located other than a hauled wastewater discharge location approved by the City Manager in Schedule G;
 - (ii) at an approved hauled wastewater discharge location, which is automated, without the use of a valid gate access card issued for the vehicle accessing that location;
 - (iii) without a manifest, in a form approved by the City Manager, completely filled out and signed by the carrier;
 - (iv) without depositing a completed manifest in the manifest drop box at the approved hauled wastewater discharge location at the time of discharge;
 - (v) without the use of a discharge hose placed securely in the discharge portal at the approved location;
 - (vi) containing matter other than that permitted under Section 4.

(S.4(a), Bylaw 14335, June 19, 2007)

Subsections 1(c) to 1(h) inclusive are repealed.

(S.4(b), Bylaw 14335, June 19, 2007)

**DOMESTIC
WASTEWATER**

- (2) Hauled wastewater from a domestic source that no:
- (a) Prohibited Wastes other than that listed in Schedule "A", Part 3(v);
 - (b) Restricted Wastes other than that listed in Schedule "B".

Part 1(a);

- (c) industrial, commercial or institutional wastewater;
- (d) hazardous waste;

will be exempt from (1)(b)(vi) and from the limits set out in Schedule "B" Part 1(a).

(S.4(c), Bylaw 14335, June 19, 2007)

NO DILUTION

- (3) No person shall dilute hauled wastewater so as to avoid the requirements of this Bylaw.

NOTICE OF REJECTION

- (4) Where the discharge of hauled wastewater has been prohibited or stopped in accordance with Section 22(a), the City will retain the manifest and issue a warning notice.

(S.4(d), Bylaw 14335, June 19, 2007)

- (5) Repealed

(S.4(e), Bylaw 14335, June 19, 2007)

RETURNING REJECTED WASTEWATER - REQUIREMENT FOR WRITTEN REPORT

- (6) When hauled wastewater has been discharged in contravention of (1)(b)(vi), or where the discharge has been prohibited or stopped in accordance with Section 22, the carrier shall, within seven (7) days of notification by the City, submit to the City Manager a written report containing the following information:

- (a) the name, address, phone number and contact name of the generator;
- (b) the address of the premises from which the hauled wastewater originated;
- (c) the name and location of the fixture or equipment from which the hauled wastewater was removed;
- (d) the composition and quantity of the hauled wastewater;
- (e) the location and method of disposal of the hauled wastewater, if the discharge was prohibited or stopped in accordance with Section 22.

(S.4(f), Bylaw 14335, June 19, 2007)

**RELEASE
REPORTING
- BY PERSON
RESPONSIBLE**

- 7 (1) Any person who releases or permits the release of any matter prohibited in Sections 4, or 5 shall, immediately after becoming aware of the release, notify:

(S.5, Bylaw 14335, June 19, 2007)

- (a) the City Manager by calling the Drainage Trouble telephone number and providing the information specified in (2) to the Drainage Trouble staff;
- (b) the owner of the premises, where the person reporting is not the owner and knows, or is readily able to ascertain the identity of the owner; and
- (c) any other person whom the person reporting knows or ought to know may be directly effected by the release.

**INFORMATION TO
BE SUPPLIED**

- (2) The City Manager shall be supplied with the following information:
- (a) name of the person causing or permitting the release;
 - (b) location of the release, including address and name of site if applicable;
 - (c) name of the person reporting the release;
 - (d) date and time of the release;
 - (e) type of material released and any known associated hazards;
 - (f) volume of the material released; and
 - (g) corrective action being taken, or anticipated to be taken, to control the release.

**RESPONSIBILITY
OF THE OWNER**

- (3) The owner of a premises where a release pursuant to 7(1) has occurred shall, immediately on becoming aware of the release, report it to the City Manager.

**RESPONSIBILITY
OF PERSON WHO
RELEASED
MATTER**

- (4) The person who released or permitted the release pursuant to 7(1) shall, as soon as the person becomes aware or ought to have

become aware of the release, take all reasonable measures to:

- (a) confine, remedy and repair the effects of the release; and
- (b) remove or otherwise dispose of the matter in such a manner as to minimize all adverse effects.

**WRITTEN REPORT
BY OWNER**

- (5) The owner shall, within seven (7) days following a release pursuant to 7(1) submit to the City Manager a written report and include the following information:
 - (a) date and time of the release;
 - (b) location of the point of the release;
 - (c) duration of the release and its release rate;
 - (d) composition of the release showing with respect to each substance:
 - (i) its concentration, and
 - (ii) the total weight, quantity or amount;
 - (e) a detailed description of the circumstances leading to the release;
 - (f) steps or procedures which were taken to minimize, control or stop the release;
 - (g) steps or procedures which will be taken to prevent similar releases;
 - (h) a summary of impairment, damage or harm which occurred to any person, premises, private drainage system, pretreatment facility or private wastewater disposal system; and
 - (i) any other information required by the City Manager.

**OVERSTRENGTH
SURCHARGE
- DETERMINATION
OF SURCHARGE**

- 8 (1) Repealed, (S.2(2), Bylaw 16030, April 1, 2012)

**ADDITIONAL
SURCHARGE**

- (2) Repealed, (S.2(2), Bylaw 16030, April 1, 2012)

**SINGLE BUSINESS,
MULTIPLE SEWERS**

(3) Repealed, (S.2(2), Bylaw 16030, April 1, 2012)

**MULTIPLE
BUSINESSES,
SINGLE WATER &
SEWER SERVICE**

(4) Repealed, (S.2(2), Bylaw 16030, April 1, 2012)

**MULTIPLE
BUSINESSES,
MULTIPLE WATER
SERVICES &
SINGLE SEWER
SERVICE**

(5) Repealed, (S.2(2), Bylaw 16030, April 1, 2012)

**SCREENING AND
PRETREATMENT
REQUIREMENTS
- SCREENING**

- 9 (1) Where required by the City Manager, the owner shall install a screen, or screens:
- (a) through which the entire flow in the building sewer, or sewers, must pass;
 - (b) in each building sewer, between the flow monitoring point and the nearest connecting building drain or other pipe;
 - (c) with a pore size as directed by the City Manager, but not exceeding 20 millimetres;
 - (d) locked in position; and
 - (e) that can be opened only by the head of the premises' maintenance staff.

**SCREEN
MAINTENANCE
REQUIREMENTS**

- (2) The owner of a premises where the flow is screened pursuant to (1), shall:
- (a) be responsible for maintaining and repairing the screen;
 - (b) dispose in a safe manner of any material collected off the screen; and
 - (c) be responsible for any disruption of service, flooding or damages to the premises or other premises caused by
 - (i) installation of the screen,
 - (ii) blockage of the screen,

- (iii) maintenance and repair of the screen, or
 - (iv) shut down of the facility while the screen is being maintained, repaired or replaced.
- (3) Where required by the City Manager, the owner shall install on the premises, and prior to the flow monitoring point, a properly designed private wastewater pretreatment facility with the capability of bringing the wastewater into compliance with this Bylaw.

PART III - RELEASES TO THE STORM SEWERAGE SYSTEM OR WATERCOURSE

STORM SEWER & WATERCOURSE

- 10 (1) Except as permitted in this section no person shall release or permit the release of any matter into a storm sewer, including any storm water management facility, or watercourse.

NO HAZARDOUS WASTE

- (2) No person shall release or permit the release of any matter containing a hazardous waste into a storm sewer, including any storm water management facility, or watercourse.

PERMITTED RELEASES

- (3) Subject to section 10(4), the following may be released into a storm sewer, including any storm water management facility, or watercourse:
- (a) storm water or subsurface water, other than from a remediation site or a high potential contaminant release area, that does not contain:
 - (i) a hazardous waste,
 - (ii) a Prohibited Waste, or
 - (iii) a Restricted Waste;
 - (b) clear water waste;
 - (c) run-off water resulting solely from:
 - (i) street cleaning,
 - (ii) hydrant flushing,
 - (iii) extinguishing fires,
 - (iv) garden and lawn maintenance,

- (v) washing non-commercial vehicles at a residential premises,
- (vi) exterior washing of commercial vehicles outdoors with potable water only, without use of detergents or solvents, and
- (vii) washing of single family or semi-detached homes;
- (d) wastewater from a swimming pool or hot tub, such pool or tub having a volume of ten (10) cubic metres or less;
- (e) wastewater resulting from exterior cleaning in a high potential contaminant release area, treated so that it does not contain:
 - (i) a hazardous waste,
 - (ii) a Prohibited Waste, or
 - (iii) a Restricted Waste; and
- (f) storm water or subsurface water from a high potential contaminant release area, treated so that it does not contain:
 - (i) a hazardous waste;
 - (ii) a Prohibited Waste; or
 - (iii) a Restricted Waste.

**PERMITTED WITH
PRIOR PERMISSION**

- (4) The following may be released into a storm sewer, including any storm water management facility, or watercourse, only with the prior permission of the City Manager:
 - (a) storm water or subsurface water from a remediation site;
 - (b) supernatant from a lagoon approved by the City Manager;
 - (c) wastewater resulting from the exterior cleaning of buildings, structures or fixtures, other than single family or semi-detached homes, that does not contain:
 - (i) a hazardous waste,
 - (ii) a Prohibited Waste, or
 - (iii) a Restricted Waste;

- (d) non-residential storm water containing a Restricted Waste where a premises cannot meet the concentration levels described in Schedule C, provided:
 - (i) such releases are permitted on a site specific basis only, and
 - (ii) a site-specific Best Management Practices plan has been developed, implemented, and is being maintained.

NO DILUTION

- (5) No person shall dilute wastewater in order to enable its release in compliance with this section.

RELEASES FROM PRIVATE WASTEWATER DISPOSAL SYSTEM

- 11 No person shall release or permit the release from a private wastewater disposal system to the North Saskatchewan River or to any tributary or watercourse that drains into the North Saskatchewan River.

RELEASES UPSTREAM OF E.L. SMITH PLANT

- 12 (1) No person shall release or permit the release of storm water runoff from private property, including storm water from a private storm water management facility to the North Saskatchewan River or to any canal, ditch, reservoir or other man made surface water feature that drains into the North Saskatchewan River from the upstream City limits to 125 meters downstream of the E.L. Smith Water Treatment Plant water supply intake.

EXEMPTION

- (2) Releases of storm water from private storm water management facilities installed in accordance with Section 4(8) of the Sewers Bylaw may be exempt from (1) provided:
 - (a) BMPs approved by the City Manager are followed;
 - (b) monitoring to ensure that releases are not in contravention of the requirements of Schedule "C" of this Bylaw is provided as part of the BMPs; and
 - (c) releases are in compliance with this Bylaw.

RELEASE REPORTING REQUIREMENT - PERSON RESPONSIBLE

- 13 (1) Any person who releases or permits the release of any matter prohibited in Section 10 shall, immediately after becoming aware of the release, notify:
 - (a) the City Manager by calling the Drainage Trouble telephone number and provide the information specified in (2) to the Drainage Trouble staff;
 - (b) the owner of the premises, where the person reporting is not the owner and knows, or is readily able to ascertain the

identity of the owner; and

- (c) any other person whom the person reporting knows or ought to know may be directly effected by the release.

**INFORMATION TO
BE SUPPLIED**

- (2) The City Manager shall be supplied with the following information:
 - (a) name of the person causing or permitting the release;
 - (b) location of the release, including address and name of site if applicable;
 - (c) name of the person reporting the release;
 - (d) date and time of the release;
 - (e) type of material released and any known associated hazards;
 - (f) volume of the material released; and
 - (g) corrective action being taken, or anticipated to be taken, to control the release.

**RESPONSIBILITY
OF OWNER**

- (3) The owner of a premises where a release pursuant to (1) has occurred shall, immediately on becoming aware of the release, report it to the City Manager.

**RESPONSIBILITY
OF PERSON WHO
RELEASED
MATTER**

- (4) The person who released or permitted the release pursuant to (1) shall, as soon as the person becomes aware or ought to have become aware of the release, take all reasonable measures to:
 - (a) confine, remedy and repair the effects of the release; and
 - (b) remove or otherwise dispose of the matter in such a manner as to minimize all adverse effects.

**WRITTEN REPORT
BY OWNER**

- (5) The owner shall, within seven (7) days following a release pursuant to (1), submit to the City Manager a written report including the following information:
 - (a) date and time of the release;
 - (b) location of the point of the release;

- (c) duration of the release and its release rate;
- (d) composition of the release showing, with respect to each substance:
 - (i) its concentration, and
 - (ii) the total weight, quantity or amount,
- (e) a detailed description of the circumstances leading to the release;
- (f) steps or procedures which were taken to minimize, control or stop the release;
- (g) steps or procedures which will be taken to prevent similar releases;
- (h) a summary of impairment, damage or harm which occurred to any person, premises, private drainage system, pretreatment facility or private wastewater disposal system; and
- (i) any other information required by the City Manager.

PART IV - MONITORING AND CONTROL OF RELEASES TO THE SEWERAGE SYSTEM

**AUTHORITY OF
CITY MANAGER TO
INVESTIGATE**

- 14 The City Manager has the authority to carry out any investigation reasonably required to ensure compliance with this bylaw, including but not limited to:
- (a) inspecting, observing, sampling and measuring the flow in any private
 - (i) drainage system,
 - (ii) wastewater disposal system,
 - (iii) storm water management facility, and
 - (iv) flow monitoring point;
 - (b) determine water consumption by reading water meters;
 - (c) test flow measuring devices;
 - (d) take samples of wastewater, storm water, clear-water waste

and subsurface water being released from the premises or flowing within the private drainage system;

- (e) perform on-site testing of the wastewater, storm water, clear-water waste and subsurface water within or being released from the private drainage systems pretreatment facility and storm water management facilities;
- (f) collect and analyze samples of hauled wastewater coming to a discharge location;
- (g) make inspections of the types and quantities of chemicals being handled or used on a premises in relation to possible release to a drainage system or watercourse;
- (h) investigating the premises where a release of prohibited or restricted wastes or of water containing prohibited or restricted wastes has been made or is suspected of having been made, and to sample any or all matter that in his opinion could have been part of the release.

15 No person shall hinder or prevent the City Manager from carrying out any of his powers or duties.

SAMPLING

16 Where sampling is required for the purposes of determining the concentration of constituents in the storm water, clear-water waste or wastewater, the sample may:

- (a) be a grab sample or a composite sample;
- (b) be collected manually or by using an automatic sampling device; and
- (c) contain additives for its preservation.

TESTING

17 All tests, measurements, analyses and examinations of storm water, clear-waster wastes and wastewater will be carried out:

- (a) using standard procedures; or
- (b) using fixed or portable field analytical equipment and procedures approved by the City Manager.

PERMIT REQUIREMENT FOR WELL OR SURFACE WATER

18 (1) No person shall release or permit the release of any water obtained from a well or surface water supply or any other source other than the City of Edmonton/EPCOR Water Services water system in a volume greater than 1.0 cubic metres per day from any premises

into a sanitary or combined sewer without having obtained a permit from the City Manager to do so.

EXEMPTION

(2) Exempt from (1) shall be:

- (a) storm water released to a combined sewer; and
- (b) subsurface drainage from those homes and developments where subsurface drainage was connected to the sanitary building sewer prior to December 13, 1988.

METERING & FOR REPORTING REQUIRED

(3) A person applying for a permit in accordance with (1) shall:

- (a) within 30 days of applying, install and thereafter maintain at that person's expense, a meter on the water supply generating the release under permit; and
- (b) supply to the City Manager by the 10th day of the following month, an accurate calculation of the volume of water measured pursuant to (a).

CANCELLATION OF PERMIT

19

Where the City Manager determines that the volume of water from a source other than the City of Edmonton/EPCOR Water Services water system, as reported under Section 18(3)(b), is not accurately reported, the City Manager may cancel the permit.

PROOF OF RESIDUE DISPOSAL

20

Where a user pretreats wastewater or hauled wastewater, or treats storm water that has become contaminated with a Prohibited or Restricted Waste, before releasing it to a sanitary sewer or a combined sewer, the user shall show proof that the residue generated by the pretreatment process is stored and disposed of in a manner acceptable to the City Manager by providing:

- (a) access to the storage areas by the City for inspection of the stored material;
- (b) the following information to the City Manager within 15 days of the request for information:
 - (i) amount stored,
 - (ii) packing slips for amount transported showing:
 - (A) amount transported,
 - (B) method of transportation, and
 - (C) transportation company; and

- (c) copies of manifests showing final disposal of the residue.

PART V - DAMAGE OR MISUSE OF THE SEWERAGE SYSTEM OR A WATERCOURSE

- DISCONTINUANCE OF SERVICE** 21 (1) Where the owner of a premises is in violation of the requirements of this Bylaw, the City Manager may:
- (a) disconnect the sewer service; or
 - (b) suspend the business licence of the property owner until such time as the violation is rectified.
- (2) The City Manager may authorize the reconnection of the sewer service when the property owner provides evidence, satisfactory to the City Manager, that no further violations of the Bylaw are likely to occur.
- (3) The cost of the disconnection and reconnection of the sewer service will be:
- (a) determined by the City Manager; and
 - (b) paid by the property owner in advance of the reconnection.

(S.6, Bylaw 14335, June 19, 2007)

- STOPPING RELEASE OF HAULED WASTEWATER** 22 The City Manager may prohibit or stop the discharge of hauled wastewater at an approved hauled wastewater discharge location when the City Manager believes:
- (a) that the requirements of Section 6 have been contravened; or
 - (b) that City property is being misused or damaged.

(S.7, Bylaw 14335, June 19, 2007)

- REQUIREMENTS FOR PUBLIC SAFETY** 23 Whenever the City Manager determines that a public safety hazard may exist in a release from a premises, an owner shall, when required by the City Manager:
- (a) install a device approved by the City Manager to detect the presence of the matter causing the public safety hazard;
 - (b) maintain the device so that the data produced is within the

accuracy and precision limits specified by the manufacturer;

- (c) submit the data produced by the device during the previous month to the City Manager by the 10th day of the following month; and
- (d) notify the City Manager immediately by calling the Drainage Trouble number when the device detects a release of the hazardous substance.

PART VI - PERMITS AND APPROVALS

PERMIT TO RELEASE & COMPLIANCE PROGRAM

- 24 A person who owns or operates an industrial or commercial premises that releases or has the potential to release wastewater, storm water, clear-water waste or matter that may cause the release to be in contravention of Section 4, 5 or 10 may submit to the City Manager applications for a Permit to Release and to enter into a compliance program.

PERMIT TO RELEASE

- 25 A Permit to Release:
- (a) may be issued by the City Manager on receiving:
 - (i) an application for a Permit to Release in a form provided by the City Manager; and
 - (ii) a fee in the amount set by the City Manager as specified in Schedule "E";
 - (b) will specify the concentration of the matter to be released that will be in contravention of Section 4(3)(a), 5(3)(a) and/or 10(3)(a), (e) or (f);
 - (c) will be for a period of up to 5 years from the date of issuance;
 - (d) may be cancelled or suspended at any time by the City Manager;
 - (e) may be renewed by the City Manager after having received a written request for renewal;
 - (f) may, at the time of renewal, and at the discretion of the

City Manager:

- (i) require a new application, or
- (ii) be issued with revised terms and conditions; and
- (g) may be amended by the City Manager upon mutual agreement with the permit holder.

(S.8, Bylaw 14335, June 19, 2007)

**COMPLIANCE
WITH PERMIT TO
RELEASE**

26 The holder of the Permit to Release shall comply with the terms, conditions and requirements of any Permit to Release.

**REPORTING
REQUIREMENTS**

27 All reports and notifications required by a Permit to Release shall be provided within the specified time limitations.

**COMPLIANCE
PROGRAM
APPROVAL
- APPLICATION
AND FEE**

- 28 (1) A compliance program approval may be issued by the City Manager on receiving:
- (a) an application for a compliance program approval in a form provided by the City Manager; and
 - (b) a fee in the amount set by the City Manager as specified in Schedule "E".

**APPLICATION
REQUIREMENTS**

- (2) An application for a compliance program approval will be:
- (a) prepared and submitted at the sole expense of the person submitting the application;
 - (b) signed by a Professional Engineer under seal, or other competent professional qualified in the field of wastewater treatment; and
 - (c) accompanied by a fee in the amount set by the City Manager.

**COMPLIANCE
PROGRAM
APPROVAL
CONDITIONS**

- (3) The compliance program approval will:
- (a) be for a specified length of time, not exceeding three years;
 - (b) contain specific information in regards to:
 - (i) alternatives in technology available to bring the release into compliance with this Bylaw;
 - (ii) the proposed remedial action to be implemented;

- (iii) the quality of release to be achieved;
 - (iv) the dates of commencement and completion;
 - (v) the material to be used; and
 - (vi) all other relevant factors; and
- (c) be subject to such terms and conditions as the City Manager may deem necessary.

**CHANGES TO A
COMPLIANCE
PROGRAM
APPROVAL**

- (4) The City Manager may approve changes to the compliance program approval, provided that the changes do not:
- (a) extend the length of time beyond three years; or
 - (b) result in a release that contains a higher concentration of restricted wastes than authorized in the original compliance program approval.

**RESPONSIBILITY
OF OWNER**

- (5) 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, and the City by issuing the compliance program approval will not be liable in any way for failure of the release to meet the standards for compliance with this Bylaw.

**MISCELLANEOUS
REQUIREMENTS**

- (6) A person issued a compliance program approval for the duration of the compliance program approval:
- (a) shall submit compliance program progress reports in the form provided by the City Manager within 14 days following the scheduled completion date for each activity listed in the compliance program;
 - (b) will not be prosecuted pursuant to this Bylaw for those specific contraventions of the Bylaw covered by the compliance program during the period within which the compliance program is applicable, provided that all the terms and conditions of the compliance program approval are being fully complied with;
 - (c) will continue to be charged wastewater overstrength surcharges pursuant to Section 8 on either:

- (i) the total water used on the premises and calculated from the:
 - (A) metered water consumption; and
 - (B) volume of water used and reported as required in Section 18(3)(b); or
- (ii) the total volume of wastewater released from the premises under an approved sewer metering agreement;
- (d) will continue to be subject to this Bylaw in areas not covered by the compliance program approval;
- (e) may make any application to vary a term or condition of the compliance program approval, provided the application is accompanied by information that shows the nature and extent the variation will have on all releases from the premises; and
- (f) shall comply with the terms, conditions and requirements of the compliance program approval.
- (7) The City Manager may cancel or suspend a compliance program approval at any time.

SUSPENSION OR CANCELLATION

PART VII - OFFENSES AND PENALTIES

CONTRAVENTION & OFFENCE	29	A person who contravenes a provision of this bylaw is guilty of an offence.
FINE	30	A person who is found guilty of an offence is liable to a fine in an amount not less than that established by this bylaw in Schedule F, and not exceeding \$10,000.00, and to imprisonment for not more than six months for non-payment of the fine.
MUNICIPAL TAG	31	If a Municipal Tag is issued in respect of an offence the Municipal Tag must specify the fine amount established by this bylaw for the offence.
FINE PAYMENT	32	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 and if the amount is paid on or before

the required date the person will not be prosecuted for the offence.

**VIOLATION
TICKET**

33 If a Violation Ticket is issued in respect of an offence the Violation Ticket may:

- (a) specify the fine amount established by this bylaw for the offence; or
- (b) require a person to appear in court without the alternative of making a voluntary payment.

**VIOLATION
TICKET PAYMENT**

34 A person who commits an offence may:

- (a) if a Violation Ticket is issued in respect of the offence; and
- (b) if the Violation Ticket specifies the fine amount established by this bylaw for the offence;

make a voluntary payment equal to the specified fine.

PART VIII - RATES

SERVICE CHARGES

35 (1) The City will levy sewer service charges on every premises serviced by or connected to the City's sewerage system as computed according to the rates set out in this Bylaw:

- (a) based on water consumption as determined by water meter readings, unless otherwise approved by the City Manager;
- (b) computed according to the rates set out in Schedule "E", as amended from time to time;
- (c) paid monthly;
- (d) during the period April 1 to September 30, the metered water consumption to be used for calculating the sanitary sewer consumption charge will be the lesser of:
 - (i) the metered water consumption, or
 - (ii) the average monthly winter consumption plus five (5) cubic meters.

Where it is not possible to calculate the average monthly winter consumption due to lack of consumption history for the entire period of October 1 to March 31, the consumption charge will be based on the metered water consumption.

**APPLICATION FOR
SEWER METERING**

- (2) Sewer meter readings from non-residential users discharging more than 50,000 cubic metres (m³) per month to the City's sanitary sewer system may be approved by the City Manager for use in determining sewer service charges, in place of water meter readings.

**OWNER'S
RESPONSIBILITY**

- (3) Sewer metering applicants must:
- (a) submit an engineering report that addresses all aspects of the proposed sewer metering as set out by the City Manager; and
 - (b) pay an application fee as set out in Schedule "E", as amended from time to time.
- (4) Approved sewer metering users must:
- (a) enter into a legal agreement with the City that identifies the conditions and terms of the sewer metering agreement;
 - (b) submit monthly sewer meter readings to the City for billing purposes, by the date set by the City Manager;
 - (c) be completely responsible for the sewer meters; and
 - (d) meet all other requirements set out by the City Manager.

**SEWER UTILITY
CREDIT**

- (5) Non-residential users who can clearly demonstrate that there is a water loss experience between their water consumed and their discharges to the sanitary sewer system on a continuous monthly basis, may be eligible to receive a non-contributive sewage utility credit on future bills, as approved by the City Manager.

**APPLICATION FOR
SEWER UTILITY
CREDIT**

- (6) Sewage utility credit applicants must:
- (a) submit an engineering report that addresses all aspects of the proposed sewage utility credit as set out by the City Manager; and
 - (b) pay an application fee, as set out in Schedule "E", as amended from time to time.

RESPONSIBILITY

- (7) Users with approved sewage utility credits must:
- (a) enter into a legal agreement with the City that identifies the conditions and terms of the sewage utility credit agreement;

- (b) submit annual reports to the City of metering records or historical records of finished product used as the basis of the approved credit; and
- (c) meet all other requirements set out by the City Manager.

REDUCED SEWER SERVICES CHARGES

- (8) Large non-residential users, discharging more than 100,000 m³ per month to the City's sanitary sewer system may be eligible to receive reduced sewer service charges, as negotiated and approved by the City Manager, and subject to Council approval.

SEWER SERVICE CHARGE FOR NON-METERED WATER

- (9) When no water meter exists to determine the quantity of water used on the premises, the user must pay any applicable:
 - (a) sewer services charges on the higher of:
 - (i) the minimum monthly wastewater service charges as set out in Schedule "E", as amended from time to time; or
 - (ii) the service charges set out in Schedule "E", as amended from time to time, applied to consumption, as determined by the City Manager; and
 - (b) wastewater overstrength surcharge and additional surcharge.

OVERSTRENGTH SURCHARGE & ADDITIONAL SURCHARGE

- (10) Repealed, (S.2(3), Bylaw 16030, April 1, 2012)

BASIS FOR SURCHARGES HAULED WASTEWATER CHARGERS

- (11) Repealed, (S.2(3), Bylaw 16030, April 1, 2012)
- (12) Hauled wastewater, released to the sewerage system will be:
 - (a) exempt from (10) and (11); and
 - (b) charged at the rate set out for truck hauled wastewater in Schedule "E", Part 2, as amended from time to time.

EXTRA CHARGE

- (13) Hauled wastewater having a settleable solids concentration greater than 100 ml/L will be charged an extra fee, as set out for truck hauled wastewater in Schedule "E", Part 2, as amended from time to time.

MISCELLANEOUS CHARGES

- (14) The City Manager may establish fees for any information, services or materials provided in the course of the administration of this

Bylaw, and for filing of any returns, reports or other documents that are required or permitted to be filed under this Bylaw.

**CHARGES TO
OTHER
MUNICIPALITIES**

- (15) The City will levy charges for the transmission and treatment of wastewater from other municipalities, as agreed to on a case by case basis.

**LAND DRAINAGE
UTILITY CHARGES**

- 35.1 (1) The City will levy land drainage utility charges on parking lots and on every premise serviced by or connected to the City's sanitary sewerage system:

- (a) based on the area of the property, the intensity of development and the land zoning;
- (b) computed according to the rate set out in Schedule "E", as amended from time to time; and
- (c) to be paid monthly.

**LAND DRAINAGE
UTILITY CREDIT**

- (2) Customers who can clearly demonstrate that they contribute significantly less storm water discharge rates per property area to the City's land drainage systems during rainfalls than other similarly zoned properties may be eligible to receive a land drainage utility credit on future monthly bills, as approved by the City Manager. Eligible properties would include properties with undeveloped lands, on-lot storage or other similar configurations.

**APPLICATION FOR
LAND DRAINAGE
UTILITY CREDIT**

- (3) Land drainage utility credit applicants must:
- (a) submit an engineering report that addresses all aspects of the proposed utility credit as set out by the City Manager; and
 - (b) pay an application fee, as set out in Schedule "E", as amended from time to time.

RESPONSIBILITY

- (4) Land drainage utility customers with approved utility credits must:
- (a) enter into a legal agreement with the City that identifies the conditions and terms of the utility credit agreement;
 - (b) inform the City of any future changes to the storm water runoff characteristics of the property that would result in runoff amounts different from those identified in the approved credit agreement; and
 - (c) meet all other requirements set out by the City Manager.

REVIEW OF SURCHARGE INFORMATION REQUIRED FOR REVIEW 36 (1) Repealed, (S.2(4), Bylaw 16030, April 1, 2012).
 (2) Repealed, (S.2(4), Bylaw 16030, April 1, 2012)

CITY MANAGER TO ASSESS REQUEST (3) Repealed, (S.2(4), Bylaw 16030, April 1, 2012)

(S.3, Bylaw 13310, March 25, 2003)

PART IX - GENERAL

FALSE STATEMENTS 37 No person shall supply false or misleading information or make inaccurate or untrue statements in any document or information required to be supplied to the City Manager pursuant to this Bylaw.

FEES 38 Fees, rates, fares, tariffs, and charges for the Bylaw will be in accordance with Schedule "E".

NUMBER AND GENDER REFERENCES 39 All references in this bylaw will be read with such changes in number and gender as may be appropriate according to whether the reference is to a male or female person, or a corporation or partnership.

(S.3, Bylaw No. 12429, August 28, 2001)

(NOTE:

(Consolidation made under Section 69 of the Municipal Government Act, S.A. 1994, M-26.1 and Bylaw 12005, and printed under the City Clerk's authority.)

Changes to Bylaw No. 9675, passed by Council July 28, 1992, per -

Bylaw 10275, December 16, 1992 (Repealed by Bylaw 11499- June 3, 1997)

Bylaw 10276, December 16, 1992

Bylaw 10574, December 20, 1993

Bylaw 10889, November 24, 1994

Bylaw 10901, as amended November 29, 1994

Bylaw 10951, February 21, 1995

Bylaw 11125, December 14, 1995

Bylaw 11369, December 13, 1996
Bylaw 11499, June 3, 1997
Bylaw 11625, December 5, 1997
Bylaw 11901, December 7, 1998
Bylaw 11935, December 8, 1998
Bylaw 12179, December 16, 1999
Bylaw 12465, December 4, 2000
Bylaw 12429, August 28, 2001
Bylaw 12909, December 17, 2001 (Effective January 1, 2002)
Bylaw 13233, December 19, 2002
Bylaw 13310, March 25, 2003
Bylaw 13519, December 18, 2003
Bylaw 13870, December 14, 2004
Bylaw 14159, December 12, 2005
Bylaw 14408, December 14, 2006
Bylaw 14335, June 19, 2007
Bylaw 14814, December 13, 2007
Bylaw 15061, December 10, 2008 (Effective January 1, 2009)
Bylaw 15286, November 24, 2009 (Effective January 1, 2010)
Bylaw 15599, December 7, 2010 (Effective January 1, 2011)
Bylaw 15924, December 5, 2011 (Effective January 1, 2012)
Bylaw 16030, April 1, 2012

SCHEDULE A – PROHIBITED WASTES

The following are designated as Prohibited Wastes:

1. any matter in a concentration that may cause a hazard to human health;
2. any flammable liquid or explosive matter which, by itself or in combination with any other substance, is capable of causing or contributing to an explosion or supporting combustion;
3. any matter which by itself or in combination with another substance is capable of obstructing the flow of or interfering with the operation or performance of the sewerage system, watercourse or wastewater treatment facility including, but not limited to
 - (a) agricultural wastes;
 - (b) animals, including fish and fowl or portions thereof that will not pass a two (2) centimetre screen;
 - (c) ashes;
 - (d) asphalt;
 - (e) concrete and cement based products;
 - (f) gardening wastes;
 - (g) glass;
 - (h) gravel, into the sanitary sewerage system;
 - (i) metal;
 - (j) paper and cardboard, into the storm sewerage system;
 - (k) plastics;
 - (l) rags and cloth;
 - (m) rock;
 - (n) sand, into the sanitary sewerage system;
 - (o) sharps;
 - (p) soil;
 - (q) straw;
 - (r) tar;
 - (s) wash water from washing equipment used in the mixing and delivery of concrete and cement based products;
 - (t) wood, sawdust or shavings from wood;
 - (u) grit or skimmings from interceptors, catch basins, pre-treatment facilities or private wastewater disposal systems; or
 - (v) sludge from interceptors, catch basins, pre-treatment facilities or private wastewater disposal systems;
4. any matter with corrosive properties which, by itself or in combination with another substance, may cause damage to any sewerage system or wastewater treatment facility;
5. any matter, other than domestic wastewater, which by itself or in combination with another substance is capable of creating an air pollution problem outside a sewerage system or in and around a wastewater treatment facility;

6. any matter which, by itself or in combination with another substance, is capable of preventing safe entry into a sewerage system or wastewater treatment facility;
7. any matter
 - (a) consisting of 2 or more separate liquid layers;
 - (b) which when it comes in contact with storm water, clear-water waste or wastewater is capable of forming a separate liquid layer;
8. any matter which by itself or in combination with another substance is detrimental to the operation or performance of the sewerage system, watercourse, wastewater treatment plant or to the environment, including, but not limited to:
 - (a) biological waste;
 - (b) elemental mercury;
 - (c) paint, stains and coatings, including oil and water based;
 - (d) prescription drugs; and
 - (e) used automotive and machine oils and lubricants; and
9. radioactive material in solid form;
10. effluent from an industrial garbage grinder;
11. any matter which may:
 - (i) cause a hazard to human health and that cannot be effectively mitigated by wastewater treatment;
 - (ii) cause a hazard to the environment;
 - (iii) cause a hazard to City workers responsible for operating and maintaining the sewerage system or the wastewater treatment facility;
 - (iv) cause an adverse effect to the sewerage system;
 - (v) cause an adverse effect to the wastewater treatment facility;
 - (vi) result in the wastewater being released by the City's wastewater treatment facility being in contravention of Provincial regulatory requirements; or
 - (vii) restrict the beneficial use of biosolids from the City's wastewater treatment facility.

(S.4, Bylaw No. 12429, August 28, 2001)

(S.9, Bylaw 14335, June 19, 2007)

SCHEDULE B – RESTRICTED WASTES APPLICABLE TO SANITARY AND COMBINED SEWERS

The following are designated as Restricted Wastes when present in wastewater, storm water, subsurface water or clear-water waste being released to the sanitary or combined sewerage system at a concentration in excess of the levels set out below, with concentrations being expressed as total concentrations unless specified otherwise:

1. (a) **CONTAMINANTS**
 - (i) Biochemical oxygen demand (B.O.D.).. 10,000 mg/L,
 - (ii) Chemical oxygen demand (C.O.D.).....20,000 mg/L,
 - (iii) Oil and grease.....800 mg/L,
 - (iv) Phosphorus (P).....200 mg/L,
 - (v) Suspended solids (S.S.).....5,000 mg/L,
 - (vi) Total Kjeldahl nitrogen (T.K.N.).....500 mg/L;

- (b) **INORGANIC CONSTITUENTS**
 - (i) pH (Hydrogen ion) less than 6.0 or greater than 11.5;
 - (ii) Arsenic (As).....1.0 mg/L;
 - (iii) Cadmium (Cd).....0.10 mg/L;
 - (iv) Chlorine (free) (Cl₂).....5.0 mg/L;
 - (v) Chromium (Hexavalent) (Cr⁺⁶).....2.0 mg/L;
 - (vi) Chromium (total) (Cr).....4.0 mg/L;
 - (vii) Cobalt (Co).....5.0 mg/L;
 - (viii) Copper (Cu).....1.0 mg/L;
 - (ix) Cyanide (CN⁻).....2.0 mg/L;
 - (x) Lead (Pb).....1.0 mg/L;
 - (xi) Mercury (Hg).....0.10 mg/L;
 - (xii) Molybdenum (Mo).....5.0 mg/L;
 - (xiii) Nickel (Ni).....4.0 mg/L;
 - (xiv) Silver (Ag).....5.0 mg/L;
 - (xv) Sulphide (S⁼).....3.0 mg/L;
 - (xvi) Thallium (Tl).....1.0 mg/L;
 - (xvii) Zinc (Zn).....2.0 mg/L;

- (c) **ORGANIC COMPOUNDS**
 - (i) Hydrocarbons.....50 mg/L;
 - (ii) Phenols.....1.0 mg/L;

- (d) **PHYSICAL PROPERTY**
 - (i) temperature greater than 75 degrees Celsius; and

2. Radioactive materials in concentrations greater than allowed under the Nuclear Energy Act and associated regulations as amended from time to time.

3. Notwithstanding the concentration based limits contained in this Schedule, the City Manager may require a facility or premises to meet site-specific load based limits where concentration based limits are considered inappropriate.

(S.4, Bylaw No. 12429, August 28, 2001)

(S.10, Bylaw 14335, June 19, 2007)

SCHEDULE C – RESTRICTED WASTES APPLICABLE TO STORM SEWERS AND WATERCOURSES

The following are designated as Restricted Wastes when present in storm water, subsurface water or clear-water waste being released to the storm sewerage system or a watercourse at a concentration in excess of the levels set out below, with concentrations being expressed as total concentrations unless specified otherwise:

1. (a) **CONTAMINANTS**

- (i) Biochemical oxygen demand (B.O.D.) 50 mg/L;
 - (ii) Chemical oxygen demand (C.O.D.).....100 mg/L;
 - (iii) Oil and grease 15 mg/L;
 - (iv) Phosphorous(P).....1.0 mg/L;
 - (v) Faecal coliforms.....1000 C.F.U.*/100 mL;
- *C.F.U. means coliform forming units

(b) **INORGANIC CONSTITUENTS**

- (i) pH less than 6.0 or greater than 9.0, except rainwater;
- (ii) Ammonia Nitrogen (NH₃-N).....1.4 mg/L;
- (iii) Arsenic (As)0.050 mg/L;
- (iv) Cadmium (Cd)..... 0.0005 mg/L;
- (v) Chlorine (free chlorine) (Cl₂) 0.20 mg/L;
- (vi) Chromium (hexavalent) (Cr⁶) 0.010 mg/L;
- (vii) Chromium (Total) (Cr)..... 0.089 mg/L;
- (viii) Copper (Cu)..... 0.160 mg/L;
- (ix) Cyanide (CN) 0.050 mg/L;
- (x) Lead (Pb).....0.020 mg/L;
- (xi) Mercury (Hg).....0.00013 mg/L;
- (xii) Selenium (Se) 0.010 mg/L;
- (xiii) Silver (Ag) 0.001 mg/L;
- (xiv) Thallium (Tl)..... 0.008 mg/L;
- (xv) Zinc (Zn)..... 0.30 mg/L;

(c) **ORGANIC COMPOUNDS**

- (i) Benzene.....0.37 mg/L;
- (ii) Ethylbenzene.....0.090 mg/L;
- (iii) Toluene.....0.039 mg/L;
- (iv) Xylene.....0.5 mg/L;
- (v) Carbon tetrachloride.....0.0133 mg/L;
- (vi) Chloroform.....0.0018 mg/L;
- (vii) Phenols.....0.005 mg/L;

(d) **PHYSICAL PROPERTY**

- (i) temperature greater than 60 degrees Celsius;

2. dye or colouring material which produces a colour value greater than or equal to 50 true colour units, or that causes discolouration of the dye containing water so that the colour cannot be determined by the visual comparison method, except where the dye is used by the City as a tracer;
3. radioactive material in concentrations greater than allowed under the Atomic Energy Control Act and the Atomic Energy Control Regulations, as amended from time to time; and
4. foam or any matter which, by itself or in combination with another substance, is capable of producing foam that will persist for 5 minutes or more.
5. Notwithstanding the concentration based limits contained in this Schedule, the City Manager may require a facility or premises to meet site-specific load based limits where concentration based limits are considered inappropriate.

(S.4, Bylaw No. 12429, August 28, 2001)

(S.11, Bylaw 14335, June 19, 2007)

SCHEDULE D – OVERSTRENGTH SURCHARGEABLE MATTER

Repealed, (S.3, Bylaw 16030, April 1, 2012)

SCHEDULE “E” RATES (2012)

The rates in each of the following parts become effective April 1, 2012.

Part 1 (a) – Sanitary Sewer Charges

Charges are based upon metered water consumption.

For this schedule “residential” shall mean an individual metered dwelling unit, and “m³” means cubic meter.

a) Residential Customers

- (i) Monthly Service Charge: \$4.65
- (ii) Consumption Charge Per m³ per month: \$0.8887
- (iii) Seasonal Charge Reduction – During the period April 1 to September 30, the metered water consumption used in calculating the Sanitary Sewer consumption charge will be the lesser of:
 - (A) the metered water consumption, or
 - (B) the average monthly winter consumption plus five (5) cubic meters.

Where it is not possible to calculate the average monthly winter consumption due to lack of consumption history for the entire period of October 1 to March 31, the consumption charge will be based on the metered water consumption.

b) Commercial/Industrial Customers

- (i) Monthly Service Charge: \$4.65
- (ii) Consumption Charge
 - (A) For the first 10,000 m³ per month: \$0.8887
 - (B) Over 10,000 m³ per month: \$0.6876
 - (C) Over 100,000 m³ per month sewer usage charges for the largest customers (greater than 100,000 m³ per month) will be negotiated with the Manager, subject to final approval by City Council.

c) Transmission of wastewater through the City owned sewerage system: cost per m³
\$0.18

d) Service calls for investigating and releasing of plugged sewer. \$233.42

Part 1 (b) – Stormwater Drainage Charges

Charges are based upon property size, the intensity of development, a runoff coefficient in relation to the land zoning, and a city-wide monthly rate. Charges are calculated as follows:

$$A \times I \times R \times \text{rate} = \text{Stormwater drainage utility charge}$$

where:

- A is: - the area of property (m²), and
 - the proportion of building lot area attributable to each unit for multiple units sharing a single building or property.
- I is: - the development intensity factor of 1.0, except for properties where owners have demonstrated under Sections 35.1(2) and 35.1(3) that they contribute significantly less storm water runoff per property area to the City's Stormwater drainage systems during rainfalls than other similarly zoned properties.
- R is: - the runoff coefficient based on the following land zoning:
- | <u>R</u> | <u>Land Zoning</u> |
|----------|---|
| 0.20 | A,AG,RR |
| 0.30 | AP,US (schools) |
| 0.50 | RF1,RF2,RF3,
RF4,RMH,IH,MA,AGU |
| 0.65 | RSL,RF5,RF6,RA7,RPL |
| 0.75 | RA8,US(except schools),PU |
| 0.90 | RA9,RMX,CNC,
CSC,CB1,CHY,CO,IB,IM,AGI,DC |
| 0.95 | CB2,CMX |

“rate” is: - the monthly rate of \$0.025898 per m².

Part 2 – Hauled Wastewater

- a) 15.04 per axle (excluding the first steering axle), and
- b) Wastewater having a settleable solids concentration greater than 100 ml/L shall be charged twice the rate indicated in clause (a).

Part 3 – Application Fees

- | | |
|---|--|
| a) Permit to Release fee | \$324.58 per year of Permit Term |
| b) Compliance Approval fee | \$324.58 per year of Approval Term |
| c) Records Search (per Address) fee | \$100.51 plus GST |
| d) Application for Sewer Metering fee | \$250.00 per application (GST inclusive) |
| e) Application for Contributive Sewer Utility fee | \$250.00 per application (GST inclusive) |

f) Application for Reduction in Stormwater Utility
Development Intensity Factor Fee \$250.00 per application (GST inclusive)

(S.2, Bylaw 15286, November 24, 2009, Effective January 1, 2010)
(S.2, Bylaw 15599, December 7, 2010, Effective January 1, 2011)
(S.2, Bylaw 15924, December 5, 2011, Effective January 1, 2012)
(S.4, Bylaw 16030, April 1, 2012)

SCHEDULE F – SCHEDULE OF PENALTY AMOUNTS**PENALTY AMOUNT****Part II – Releases to the Sanitary Sewerage System and to the Combined Sewerage System**

<u>OFFENSE</u>	<u>SECTION</u>	<u>PENALTY</u>
Release to a sanitary sewer of matter that is not permitted	4(1)	\$2,000
Release of a hazardous waste to a sanitary sewer	4(2)	\$4,000
Wastewater diluted	4(5)	\$2,000
Release to a combined sewer of matter that is not permitted	5(1)	\$2,000
Release of a hazardous waste to a combined sewer	5(2)	\$4,000
Wastewater diluted	5(5)	\$2,000
Hauling storm water, clear-water waste or wastewater without a City license	6(1)(a)(i)	\$1,000
Hauling storm water, clear-water or wastewater without stickers displayed on the vehicle	6(1)(a)(ii)	\$1,000
Discharge hauled wastewater at an unapproved located	6(1)(b)(i)	\$2,000
Failure to use valid gate access card/unauthorized access	6(1)(b)(ii)	\$1,000
Manifest not signed by carrier	6(1)(b)(iii)	\$1,000
Manifest not deposited at time of discharge	6(1)(b)(iv)	\$1,000
Discharge without discharge hose placed securely in discharge portal	6(1)(b)(v)	\$2,000
Discharge of hauled wastewater containing matter that is not permitted	6(1)(b)(vi)	\$2,000

Hauled wastewater diluted	6(3)	\$2,000
Carrier's report not submitted within 7 days/incomplete	6(6)	\$1,000
Failure to notify of a release to the sewer of matter that is not permitted	7(1)	\$5,000
Notification does not contain required information	7(2)	\$5,000
Release not reported by owner	7(3)	\$5,000
Reasonable effort to repair/remedy/confine release not taken	7(4)(a)	\$5,000
Reasonable effort to remove/dispose of substances not taken	7(4)(b)	\$5,000
Written report not submitted	7(5)	\$2,000
Report does not contain required information	7(5)	\$1,000
Screen not installed as required	9(1)	\$2,000
Screen not maintained/repared	9(2)(a)	\$2,000
Screenings not disposed of in safe manner	9(2)(b)	\$1,000
Wastewater Pretreatment facility not installed	9(3)	\$5,000

(S.12, Bylaw 14335, June 19, 2007)

Part III – Releases to the Storm Sewerage System Watercourse

<u>OFFENSE</u>	<u>SECTION</u>	<u>PENALTY</u>
Release to storm sewer/watercourse of other than permitted matter	10(1)	\$3,000
Release of hazardous waste to storm sewer or watercourse	10(2)	\$5,000
Wastewater diluted	10(5)	\$5,000
Release to NSR from private wastewater disposal system	11	\$3,000

Release of storm water above E.L. Smith	12(1)	\$3,000
Person who released failed to notify of release	13(1)	\$5,000
Incorrect information supplied	13(2)	\$5,000
Owner failed to report release	13(3)	\$5,000
Reasonable measures to repair, remedy, confine release not taken	13(4)(a)	\$5,000
Reasonable effort to remove/dispose of matter not taken	13(4)(b)	\$5,000
Written report not submitted	13(5)	\$2,000

Part IV – Monitoring and Control of Releases to the Sewerage System

<u>OFFENSE</u>	<u>SECTION</u>	<u>PENALTY</u>
City Manager hindered	15	\$5,000
Non-City water released to sanitary/combined sewer without permit	18(1)	\$1,000
Meter on water from other sources not installed/maintained	18(3)(a)	\$1,000
Accurate calculation of non-City water not supplied	18(3)(b)	\$1,000
City Manager not given access to residue storage area	20(a)	\$2,000
City Manager not notified within 15 days of request	20(b)	\$1,000
Copies of manifests showing residue, final disposal not given	20(c)	\$1,000

Part V – Damage or Misuse of the Sewerage System or Watercourse

<u>OFFENSE</u>	<u>SECTION</u>	<u>PENALTY</u>
Detection device not installed	23(a)	\$5,000
Detection device not maintained	23(b)	\$5,000

Data from detection device not submitted	23(c)	\$2,000
Failure to notify of detection of hazardous substance	23(d)	\$5,000
Failure to comply with terms of Permit	26	\$2,000
Failure to submit reports within time limit	27	\$1,000
Failure to submit Approval progress reports within 14 days	28(6)(a)	\$1,000
Failure to comply with terms, conditions, requirements of Approval	28(6)(f)	\$2,000

Part VI – General

<u>OFFENSE</u>	<u>SECTION</u>	<u>PENALTY</u>
False information supplied	37	\$5,000

(S.4, Bylaw No. 12429, August 28, 2001)

SCHEDULE G – HAULED WASTEWATER DISCHARGE LOCATIONS

1. Poundmaker Wastewater Transfer Station
10810 – 186 Street, Edmonton, Alberta
2. Clover Bar Wastewater Transfer Station
53317 Range Road 232, Strathcona County, Alberta
3. Any other location designated by the City Manager

(S.13, Bylaw 14335, June 19, 2007)