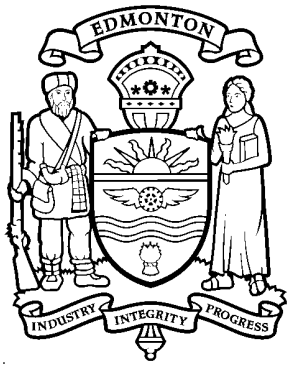

THE CITY OF EDMONTON

BYLAW 16200

DRAINAGE BYLAW

(CONSOLIDATED ON MAY 3, 2016)

Table of Contents

PART I - PURPOSE, DEFINITIONS AND INTERPRETATION 4
PURPOSE 4
DEFINITIONS 5
RULES FOR INTEPRETATION 8
PART II - SEWER CONNECTIONS AND ALTERATIONS 8
CITY SEWERAGE SYSTEM 8
SANITARY CONNECTION REQUIRED 8
NEW SANITARY SERVICE 8
SURFACE DRAINAGE CONNECTION REQUIRED 8
HIGH POTENTIAL CONTAMINANT RELEASE AREAS 9
FOUNDATION DRAINAGE 9
SEWER ALTERATIONS 10
TEMPORARY SEWER SERVICE 10
PART III - SEWER CONNECTION REGULATIONS 10
COMBINED SEWER REGULATIONS 10
ROOF LEADERS 10
FLOW MONITORING POINTS 10
INTERCEPTORS 11
DENTAL AMALGAM 11
SCREENING AND PRETREATMENT 12
MONITORING DEVICES 12
INTERFERENCE 12
PROPERTY LIMITATIONS 12
ABANDONMENT 13
STORMWATER MANAGEMENT FACILITIES 13
PART IV - RELEASES 13
NO RELEASE 13
NO PROHIBITED WASTE 13
NO RESTRICTED WASTE 13
NO HAZARDOUS WASTE 13
WASTE MANAGEMENT 13
NO DILUTION 13
SANITARY SEWER PERMITTED RELEASES 14
COMBINED SEWER PERMITTED RELEASES 14
SANITARY AND COMBINED SEWER PERMITTED RELEASES 15
STORM SEWER PERMITTED RELEASES 16
E.L. SMITH WATER TREATMENT PLANT 17
STORM SEWER PERMITTED RELEASES 17
HAULED WASTEWATER 18
RESIDUE DISPOSAL 18
COMPLIANCE PROGRAM 19
RELEASE REPORTING 19
RELEASE CONTROL 19
OWNER REPORT 20
PART V - SURFACE DRAINAGE 20
LOT GRADING APPROVAL 20
RELEASE OF STORMWATER AND SUBSURFACE WATER 21
COMPLIANCE WITH PLAN 21
BUILDING GRADES 21
ROOF DRAINAGE 21
ALTERATION OF SURFACE GRADES 22
IRRIGATION SYSTEMS 22

COMPLIANCE WITH ENCUMBRANCES *22*
PART VI - APPLICATIONS, PERMITS AND APPROVALS **23**
APPLICATIONS FOR CONNECTIONS *23*
APPLICATIONS TO RELEASE MATTER *24*
APPLICATIONS FOR COMPLIANCE PROGRAM APPROVAL *24*
APPLICATIONS FOR LOT GRADING APPROVAL *24*
APPLICATIONS FOR SEWER METERING APPROVAL *24*
APPLICATIONS FOR UTILITY CREDIT OR LARGE WHOLESALE DESIGNATION *24*
COMPLIANCE WITH CONDITIONS *25*
PART VII - RATES, CHARGES AND FEES **25**
SANITARY UTILITY CHARGES *25*
STORMWATER UTILITY CHARGES *25*
SANITARY SEWER TRUNK CHARGES *25*
HAULED WASTEWATER FEES *26*
PLAN EXAMINATION FEE *26*
LOT GRADING INSPECTION FEE *26*
ADDITIONAL FEES *26*
PART VIII - ENFORCEMENT **26**
OFFENCE *26*
CONTINUING OFFENCE *26*
VICARIOUS LIABILITY *26*
CORPORATIONS AND PARTNERSHIPS *26*
FINES AND PENALTIES *27*
MUNICIPAL TAG *27*
PAYMENT IN LIEU OF PROSECUTION *27*
VIOLATION TICKET *27*
VOLUNTARY PAYMENT *28*
DISCONTINUANCE OF SERVICE *28*
PROHIBITION OF RELEASE *28*
REFUSAL TO APPROVE PLANS *28*
OBSTRUCTION *28*
PART IX - GENERAL **28**
POWERS OF THE CITY MANAGER *28*
PERMIT CANCELLATION *29*
PROOF OF PERMIT *29*
PROOF OF EXEMPTION *29*
CERTIFIED COPY OF RECORD *29*
ANALYST RECORDS *29*
LEGAL DUTY *29*
REPEALS *30*
EFFECTIVE DATE *31*
SCHEDULE A – PROHIBITED WASTES **32**
SCHEDULE B – RESTRICTED WASTES APPLICABLE TO SANITARY AND COMBINED SEWERS **33**
SCHEDULE C – RESTRICTED WASTES APPLICABLE TO STORM SEWERS AND WATERCOURSES **36**

Whereas:

Section 34(1) of the *Municipal Government Act,* R.S.A. 2000, c. M-26, if the system or works of a municipal public utility that provide a municipal utility service are adjacent to a parcel of land, states that the municipality must, when it is able to do so and subject to any terms, costs or charges established by council, provide the municipal utility service to the parcel on the request of the owner of the parcel;

Section 35 of the *Municipal Government Act,* states that the municipality is responsible for the construction, maintenance and repair of the portion of the service connection from the main lines of the system or works to the boundary of the road or easement and the council may as a term of supplying the municipal utility service to the parcel of land make the owner responsible for the costs of the construction, maintenance and repair of the service connection from the main lines of the system or works to the boundary of the road or easement;

Section 37 of the *Municipal Government Act,* states that the owner of a parcel is responsible for the construction, maintenance and repair of a service connection of a municipal public utility located above, on or underneath the parcel;

Section 7 of the *Municipal Government Act*, permits a council to pass bylaws for municipal purposes respecting the safety, health, and welfare of people and the protection of people and property; public utilities; and the enforcement of bylaws including the creation of offences, and for each offence, imposing of a fine not exceeding $10,000 or imprisonment for not more than one year, or both; and

Section 8 of the *Municipal Government Act*, permits a council to regulate or prohibit, and provide for a system of licences, permits or approvals including establishing fees for licences, permits and approvals, prohibiting any activity, industry, business or thing until a licence, permit or approval has been granted, providing that terms and conditions may be imposed on any licence, permit or approval, the nature of the terms and conditions and who may impose them, setting out the conditions that must be met before a licence, permit or approval is granted or renewed, the nature of the conditions and who may impose them, providing for the duration of licences, permits and approvals and their suspension or cancellation for failure to comply with a term or condition or the bylaw or for any other reason specified in the bylaw;

Edmonton City Council enacts:

PART I - PURPOSE, DEFINITIONS AND INTERPRETATION

PURPOSE

1 The purpose of this bylaw is to:

(a) regulate connections between private drainage systems and the sewerage system;

(b) regulate the use of the sewerage system, including the release of matter into the sewerage system;

(c) prevent damage or misuse of the sewerage system;

(d) regulate surface drainage on public and private land; and

(e) prescribe fees related to the use of the sewerage system.

DEFINITIONS 2 In this bylaw, unless the context otherwise requires:

(a) "**City**" means the municipal corporation of the City of Edmonton;

(b) "**City Manager**" means the chief administrative officer of the City or delegate;

(c) "**City right-of-way**" means land in which the City has an interest, including road right-of-ways and easements in favour of the City;

(d) "**combined sewer**" means a sewer used for the collection and transmission of wastewater and stormwater;

(d.1) "**Biohazardous Agent, Risk Group 4**" means an agent that is likely to cause serious or lethal human disease for which preventive or therapeutic interventions are not usually available;

(e) "**final grading**" means the establishment of surface grades and elevations in preparation for or including the finished landscaping or surfacing;

(f) "**flow monitoring point**" means an access point to sewer service or private drainage system for a premises, examples of which include man holes and dip wells;

(g) "**foundation drainage system**" means a system of pipes, fittings, traps and appurtenances used to convey subsurface water;

(h) "**hauled wastewater**" means wastewater transported by vehicle for disposal;

(i) "**hazardous waste**" has the same meaning as in the *Waste Control Regulation*, Alta Reg 192/1996 to the *Environmental Protection and Enhancement Act*, RSA 2000, c E-12 and any successor to that legislation;

(j) "**high potential contaminant release area**" means an area where activities occur that have a high potential to release

prohibited waste, restricted waste or hazardous waste and includes:

(i) the loading dock of a building and the area within one metre of the loading dock;

(ii) the area within two metres of any device used to compact refuse;

(iii) auto wrecker storage yards;

(iv) the area where non-residential vehicles or equipment are washed and the surrounding two metres in each direction;

(v) the area where the bulk transfer of materials takes place and the surrounding two metres in each direction; and

(vi) any other area designated by the City Manager;

(k) "**lot grading plan**" means a drainage design plan signed and sealed by a professional acceptable to the City Manager;

(l) "**municipal tag**" means a ticket alleging an offence issued pursuant to the authority of a bylaw of the City;

(m) "**owner**" means the person in care and control and includes the person registered under the *Land Titles Act*, RSA 2000, c L-4 as owner in fee simple, a lessee, or any person who exercises the power and authority of ownership;

(n) "**person**" means an individual, partnership, association, corporation, organization, business, cooperative, trustee, executor, administrator or legal representative;

(o) "**premises**" means a parcel of land and any buildings situated on that land;

(p) "**private drainage system**" means an assembly of pipes, fittings, traps and appurtenances used to convey wastewater, stormwater, and subsurface water to the sewer service;

(q) "**prohibited waste**" means matter prohibited from entering the sewerage system as set out in Schedule "A";

(r) "**release**" means to directly or indirectly conduct matter by spilling, discharging, depositing, disposing of, abandoning, leaking, seeping, pouring, draining, emptying, or any other means;

(s) "**restricted waste**" means matter only permitted in the sewerage system in limited quantities as set out in Schedule "B" and Schedule "C";

(t) "**rough grading**" means the establishment of surface grades and elevations preceding the final grading;

(u) "**sanitary sewer**" means a sewer used for the collection and transmission of wastewater;

(v) "**sewer service**" means the pipe connecting a private drainage system to the sewerage system;

(w) "**sewerage system**" means all City owned infrastructure for the collection, storage, transportation and pumping of wastewater and stormwater and includes sewers, ditches, channels, stormwater management facilities, wastewater treatment facilities, sludge treatment facilities, biosolids storage and disposal facilities;

(x) "**storm sewer**" means a sewer used for the collection and transmission of stormwater and subsurface water;

(y) "**stormwater**" means surface run-off water that is the result of natural precipitation;

(z) "**subsurface water**" means water at a depth of not more than 15 metres beneath the surface of the ground;

(aa) "**violation ticket**" has the same meaning as in the *Provincial Offences Procedure Act*, RSA 2000, c P-34, as amended;

(bb) "**wastewater**" means water discharged from a premises;

(cc) "**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 canal, ditch, reservoir, stormwater management

facility or other man-made surface drainage feature;

whether or not it contains or conveys water continuously or intermittently.

(S.2, Bylaw 17604, May 3, 2016)

RULES FOR INTEPRETATION 3 The marginal notes and headings in this bylaw are for reference purposes only.

PART II - SEWER CONNECTIONS AND ALTERATIONS

CITY SEWERAGE SYSTEM 4 (1) No person shall:

(a) construct or alter any sewer or sewer service;

(b) alter any surface grades or elevations; or

(c) install or alter a culvert;

within a City right-of-way, unless a permit authorizing the construction or alteration has been issued by the City Manager.

(2) The owner of a premises with an access abutting a City right-of-way containing a culvert shall maintain the culvert in order to keep it free from obstruction.

SANITARY CONNECTION REQUIRED 5 The owner of premises abutting a City right-of-way in which there is a sanitary or combined sewer shall apply to the City Manager to have the private drainage system connected to the sanitary or combined sewer prior to occupancy of the premises.

NEW SANITARY SERVICE 6 When the City provides notice to an owner that a sanitary sewer is newly available in the City right-of-way abutting the owner's premises, the owner shall connect the private drainage system from the premises in the manner directed by the City Manager.

SURFACE DRAINAGE CONNECTION REQUIRED 7 (1) The owner of premises other than single family or duplex residential premises shall provide a private drainage system for stormwater from:

(a) roofs;

(b) parking areas;

(c) storage areas;

(d) paved areas; and

(e) courtyards.

(2) The owner of a premises requiring a private drainage system pursuant to this section shall apply to the City Manager to connect that private drainage system to:

(a) a storm sewer where available;

(b) a combined sewer where a storm sewer is not available; or

(c) a location designated by the City Manager.

HIGH POTENTIAL CONTAMINANT RELEASE AREAS

8 The owner of a premises containing a high potential contaminant release area shall ensure:

(a) that the high potential contaminant release area drains to a separate drain from the surrounding area;

(b) that run-off from the area surrounding the high potential contaminant release area does not enter the high potential contaminant release area; and

(c) that the high potential contaminant release area drains either:

(i) to a stormwater pretreatment facility prior to draining to the storm sewer; or

(ii) to the sanitary or combined sewer, but only if:

(A) the high potential contaminant release area is covered;

(B) the high potential contaminant release area is less than the greater of:

(I) 8 square metres per loading dock; or

(II) 250 square metres in total area; or

(C) approval has been given by the City Manager.

FOUNDATION DRAINAGE

9 The owner of a premises shall apply to the City Manager to have

the foundation drainage system for the premises connected to:

(a) a storm sewer where available; or

(b) a location designated by the City Manager.

SEWER ALTERATIONS

10 The owner of a premises may apply to the City Manager to have the City alter:

(a) the size of the sewer service to the premises; or

(b) the elevation of the sewer service to the premises.

TEMPORARY SEWER SERVICE

11 The owner of a premises that does not abut a City right-of-way in which there is a sanitary or combined sewer may apply to the City Manager for temporary sewer service.

PART III - SEWER CONNECTION REGULATIONS

COMBINED SEWER REGULATIONS

12 (1) The owner of premises, other than single family or duplex residential premises, serviced by a combined sewer:

(a) shall install separate private drainage systems for stormwater and wastewater; and

(b) may combine the private drainage systems at the property line.

(2) When a storm sewer becomes available in the City right-of-way abutting the premises referenced in this section, the City Manager may require the private drainage system for stormwater be connected to the storm sewer.

ROOF LEADERS

13 The owner of single family or duplex residential premises shall not connect roof leaders to a combined sewer unless the City Manager has directed that the roof leaders be connected to the combined sewer.

FLOW MONITORING POINTS

14 (1) The owner of a premises serviced by the sewerage system shall install and maintain an accessible flow monitoring point on each pipe leaving the property:

(a) when the pipe is new;

(b) when the premises is redeveloped; and

(c) when required to do so by the City Manager.

(2) A flow monitoring point required by this section shall be constructed and maintained in accordance with the code of practice established by the City Manager.

(3) The owner of a premises shall ensure that the City Manager has a safe and reasonable means of accessing the flow monitoring point.

(4) This section does not apply to:

(a) residential properties discharging only wastewater from domestic sources; and

(b) minor redevelopments exempted by the City Manager.

(S.3,4, Bylaw 17604, May 3, 2016)

INTERCEPTORS

15 (1) The owner of any premises in which there is commercial or institutional food preparation shall provide an oil and grease interceptor:

(a) on all fixtures that may release oil or grease; or

(b) downstream of all fixtures that may release oil or grease.

(2) The owner of a premises in which vehicles or equipment are serviced, repaired, disassembled or washed shall provide an oil, grease and sand interceptor:

(a) on all fixtures that may release oil, grease or sand; or

(b) downstream of all fixtures that may release oil, grease or sand.

(3) The owner of a premises shall install an interceptor when required to do so by the City Manager.

(4) All interceptors required by this section shall be installed and maintained in accordance with the code of practice established by the City Manager.

DENTAL AMALGAM

16 (1) The owner of a premises in which a dental facility is located shall install a dental amalgam separator on all fixtures that may release dental amalgam waste to the sewerage system.

(2) All separators required by this section shall be installed and maintained in accordance with the code of practice established by

the City Manager.

(3) This section does not apply to premises:

(a) practicing exclusively Orthodontics and Dentofacial Orthopedics, Oral and Maxillofacial Surgery, Oral Medicine and Pathology, Oral and Maxillofacial Radiology, or Periodontics; and

(b) exempted, in writing, by the City Manager.

SCREENING AND PRETREATMENT

17 The owner of a premises shall install screens or pretreatment facilities within the private drainage system for the premises when required to do so by the City Manager.

MONITORING DEVICES

18 (1) The owner of a premises shall install and maintain monitoring devices when required to do so by the City Manager.

(2) An owner required to install and maintain a monitoring device pursuant to this section shall:

(a) submit the data produced by the monitoring device to the City Manager on a monthly basis; and

(b) notify the City Manager immediately when the monitoring device detects a release of a hazardous, prohibited, or restricted waste.

INTERFERENCE

19 No person shall alter, remove, or destroy any:

(a) device, facility or infrastructure in a private drainage system used to control the rate of release to the sewerage system;

(b) drainage devices, facilities or infrastructure installed on private property that have been required or approved by the City Manager; or

(c) part of the sewerage system.

PROPERTY LIMITATIONS

20 (1) The owner of a premises shall not extend the private drainage system for the premises to any other separately titled lot.

(2) This section does not apply to extensions to:

(a) the City right-of-way; or

(b) common property under the *Condominium Property Act*,

RSA 2000, c C-22 as amended.

ABANDONMENT 21 The owner of a premises where the private drainage system has been, or will be, abandoned shall cap the sewer service in a manner acceptable to the City Manager.

CONSTRUCTION AND MAINTENANCE OF PRIVATE DRAINAGE SYSTEM 21.1 The owner of a premises shall be responsible for the construction, maintenance and repair of the private drainage system.

(S.5, Bylaw 17604, May 3, 2016)

STORMWATER MANAGEMENT FACILITIES 22 (1) A person shall not wade, swim, boat, fish, skate or carry on any other recreational activity on or in a City stormwater management facility except as permitted by the City Manager.

(2) A person shall not remove any water from a City stormwater management facility except as permitted by the City Manager.

PART IV - RELEASES

NO RELEASE 23 No person shall release or permit the release of any matter into the sewerage system or any watercourse except as permitted in this Part.

NO PROHIBITED WASTE 24 No person shall release or permit the release of any prohibited waste into the sewerage system except as permitted in this Part.

NO RESTRICTED WASTE 25 No person shall release or permit the release of any restricted waste into the sewerage system except as permitted in this Part.

NO HAZARDOUS WASTE 26 No person shall release or permit the release of any hazardous waste into the sewerage system except as permitted in this Part.

WASTE MANAGEMENT 27 A person who keeps, stores or transports a prohibited or restricted waste shall do so in a manner that ensures that the prohibited or restricted waste is not released into the sewerage system.

NO DILUTION 28 No person shall dilute wastewater in order to enable the release of that wastewater in accordance with this Part.

LARGE VOLUME RELEASES 28.1 (1) No person shall release wastewater that exceeds a volume of 10 cubic metres, into the sewerage system except as permitted in this Part.

(2) A person may release wastewater that exceeds a volume of 10 cubic metres, into the sewerage system if the release is performed in accordance with the code of practice established by the City Manager.

(S.6, Bylaw 17604, May 3, 2016)

SANITARY SEWER PERMITTED RELEASES

29 The following may be released into a sanitary sewer:

(a) wastewater that does not contain:

(i) a hazardous waste,

(ii) a prohibited waste, or

(iii) a restricted waste;

(b) roof drainage and subsurface water from premises connected for that purpose in accordance with this bylaw;

(c) water obtained from a source other than EPCOR Water Services in a volume less than or equal to 1 cubic metre per day;

(d) stormwater from a high potential contaminant release area that is:

(i) covered; or

(ii) less than the greater of:

(A) 8 square metres per loading dock; or

(B) 250 square metres in total area; and

(e) stormwater from a site used by the City for the storage of snow.

COMBINED SEWER PERMITTED RELEASES

30 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) stormwater, except stormwater from:

(i) a high potential contaminant release area; or

(ii) roof drainage or foundation drainage on single family or duplex residential premises;

(c) water to which no matter has been added, except from a high potential contaminant release area;

(d) roof drainage and subsurface water from premises connected for that purpose in accordance with this bylaw;

(e) water obtained from a source other than EPCOR Water Services in a volume less than or equal to 1 cubic metre per day; and

(f) stormwater 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.

SANITARY AND COMBINED SEWER PERMITTED RELEASES

31 The following may be released into a sanitary sewer or a combined sewer if prior approval for the release has been given by the City Manager:

(a) wastewater, stormwater or subsurface water from a remediation site;

(b) stormwater and subsurface water from a premises when required;

(c) a limited quantity of wastewater containing prohibited waste or restricted waste, if the release can be shown to have a minimal adverse effect on the sewerage system;

(d) wastewater from a swimming pool, tank, pond, vessel, reservoir or other containment device or structure if the volume of the device or structure is 10 cubic metres or greater;

(d.1) wastewater from line flushing activity, if the line flushing activity is performed in accordance with the code of practice established by the City Manager;

(e) non-residential wastewater containing a restricted waste where it can be demonstrated that the best available technology cannot meet the concentration levels set out in Schedule “B”;

(f) non-residential wastewater containing a restricted waste provided that a satisfactory plan to control and reduce the release of the restricted waste has been developed and implemented;

(g) water obtained from a source other than EPCOR Water Services in a volume greater than 1 cubic metre per day;

(h) non-contact cooling water; and

(i) any other matter that the City Manager considers, on reasonable grounds, it is in the public interest to release to the sanitary sewer.

(S.7, Bylaw 17604, May 3, 2016)

STORM SEWER PERMITTED RELEASES

32 The following may be released into a storm sewer, stormwater management facility or watercourse:

(a) stormwater or subsurface water, except 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) water to which no matter has been added;

(c) run-off water resulting solely from:

(i) street cleaning;

(ii) extinguishing fires;

(iii) garden and lawn maintenance; and

(iv) washing of single family or duplex residential premises;

(d) wastewater resulting from exterior cleaning in a high potential contaminant release area that has been treated so

that it does not contain:

(i) a hazardous waste;

(ii) a prohibited waste; or

(iii) a restricted waste;

(e) stormwater from a high potential contaminant release area that has been treated so that it does not contain:

(i) a hazardous waste;

(ii) a prohibited waste; or

(iii) a restricted waste.

E.L. SMITH WATER TREATMENT PLANT

33 *Deleted*
(S.2, 17605, May 3, 2016)

STORM SEWER PERMITTED RELEASES

34 The following may be released into a storm sewer if prior approval for the release has been given by the City Manager:

(a) stormwater or subsurface water from a remediation site;

(b) wastewater resulting from the exterior cleaning of buildings, structures or fixtures, other than single family or duplex residential premises, that does not contain:

(i) a hazardous waste;

(ii) a prohibited waste; or

(iii) a restricted waste;

(b.1) wastewater from line flushing activity, if the line flushing activity is performed in accordance with the code of practice established by the City Manager;

(c) non-residential stormwater containing a restricted waste provided that a plan to control and reduce the release of restricted wastes has been developed and implemented to the satisfaction of the City Manager; and

(d) any other matter that the City Manager considers, on reasonable grounds, it is in the public interest to release to the storm sewer.

(S.8, Bylaw 17604, May 3, 2016)

HAULED WASTEWATER

35 (1) No person shall release, discharge or permit the release or discharge of hauled wastewater unless the discharge:

(a) is made by a person holding a valid business licence issued by the City with proof of that licence displayed on the vehicle;

(b) is made at a location and in a manner approved by the City Manager;

(c) is documented in a manner directed by the City Manager;

(d) uses a discharge hose at the approved location placed securely in the discharge portal;

(e) either:

(i) contains only the matters set out in section 30; or

(ii) is from solely domestic sources and contains no hazardous waste; and

(f) is done in accordance with the code of practice established by the City Manager.

(2) When the release or discharge of hauled wastewater has been prohibited by the City Manager in accordance with this bylaw, the person prohibited from releasing or discharging the hauled wastewater must provide to the City Manager the following information, in writing, within seven days of the prohibition:

(a) the name and relevant contact information of the generator of the wastewater that was prohibited;

(b) the address from which the wastewater that was prohibited originated;

(c) a description of the location and equipment from which the wastewater that was prohibited was collected;

(d) the composition of the wastewater that was prohibited; and

(e) the final location at which the wastewater was released.

RESIDUE DISPOSAL

36 The owner of a premises who treats wastewater or stormwater prior to release to the sewerage system must:

(a) dispose of any residue generated in that treatment process in a manner acceptable to the City Manager;

(b) maintain for a minimum of two years accurate records on the amount of residue stored, transported and disposed; and

(c) provide the City Manager with the records kept on the storage, transportation and disposal of the residue upon request.

COMPLIANCE PROGRAM

37 A person may release matter in accordance with a compliance program approved by the City Manager.

RELEASE REPORTING

38 (1) Any person who releases or permits the release of any matter other than those permitted in this Part shall, immediately after becoming aware of the release, notify:

(a) the City Manager;

(b) the owner of the premises from which the release originated, if known; and

(c) any other person who may be directly affected by the release.

(2) The notification of the City Manager shall include:

(a) the name of the person causing or permitting the release;

(b) the location of the release;

(c) the name of the person reporting the release;

(d) the date and time of the release;

(e) the type of material released and any associated hazards;

(f) the volume of material released; and

(g) corrective action taken or anticipated to control the release.

RELEASE CONTROL

39 Any person who releases or permits the release of any matter other than those permitted in this Part shall, immediately after becoming aware of the release, take all reasonable steps to:

(a) confine, remedy and repair the effects of the release; and

(b) remove or otherwise dispose of the matter in a manner that minimizes any adverse effects.

OWNER REPORT

40 (1) The owner of a premises from which a release has been reported shall submit a written report to the City Manager within seven days of the release.

(2) A report required by this section shall include:

(a) the date and time of the release;

(b) the location of the release;

(c) the duration of the release;

(d) the rate of the release;

(e) composition of the release, including the composition and amount of each substance in the release;

(f) the circumstances leading to the release;

(g) the steps taken to minimize, control or stop the release;

(h) the procedures that will be implemented to prevent similar releases in the future;

(i) a summary of any harm caused by the release; and

(j) any other information required by the City Manager.

PART V - SURFACE DRAINAGE

LOT GRADING APPROVAL

41 (1) The owner of a premises shall ensure that a lot grading plan for the premises is approved by the City Manager prior to the construction of any buildings, additions to buildings, or alterations of surface drainage on the premises.

(2) The owner of a single family or duplex residential premises shall ensure that:

(a) the rough grading of the premises is approved by the City Manager within 18 months of a building permit being issued for the premises; and

(b) the final grading of the premises is approved by the City Manager:

(i) within 12 months of the rough grading being approved by the City Manager; or

(ii) within 60 days of the final grading being completed,

whichever is earlier.

(c) Notwithstanding the foregoing, the final grading of the premises is approved by the City Manager within 30 months of a building permit being issued for the premises.

(3) The owner of a premises other than single family or duplex residential premises shall ensure that the final grading of the premises is approved by the City Manager within 18 months of a building permit being issued for the premises.

(S.9, Bylaw 17604, May 3, 2016)

RELEASE OF STORMWATER AND SUBSURFACE WATER

42 The owner of a premises must control the release of stormwater and subsurface water when directed to do so by the City Manager, including:

(a) the rate of release of stormwater and subsurface water to the sewerage system or any surface drainage feature; and

(b) the location of the release of stormwater and subsurface water from the premises.

COMPLIANCE WITH PLAN

43 The owner of a premises must establish and maintain surface grades and elevations on the premises in compliance with the lot grading plan for the premises approved by the City Manager.

BUILDING GRADES

44 If a lot grading plan for a premises has not been approved by the City Manager, the owner of the premises must establish and maintain surface grades and elevations adjacent to buildings in such a way that water drains:

(a) away from the buildings; and

(b) towards a City right-of-way.

ROOF AND FOUNDATION DRAINAGE

45 The owner of a premises shall not permit roof drainage or foundation drainage from a building on the premises to be discharged:

(a) directly onto a pervious ground surface within one metre of the building;

(b) within 150 mm of an adjacent lot;

(c) within 300 mm of a City right-of-way;

(d) to a location where the water has the potential to adversely impact:

(i) the stability of a slope,

(ii) a ravine; or

(iii) a portion of the ground surface where there exists a risk of instability; or

(e) to a location or in such a manner that the discharge causes or has the potential to cause nuisance, hazard or damage.

(S.10, Bylaw 17604, May 3, 2016)

ALTERATION OF SURFACE GRADES

46 No person shall alter or permit the alteration of surface grades or elevations of a premises such that:

(a) a nuisance, hazard or damage is caused or has the potential to be caused; or

(b) the stability of a slope is adversely impacted.

IRRIGATION SYSTEMS

47 No person shall install or permit to be installed any irrigation system on any slope unless the installation has been approved by the City Manager.

COMPLIANCE WITH ENCUMBRANCES

48 The owner of a premises shall comply with the terms and conditions of any restrictive covenant, easement agreement, utility right-of-way or any other document registered on the certificate of title for that premises in which the City has an interest, including encumbrances designed to protect:

(a) a drainage structure;

(b) a swale;

(c) a ditch;

(d) the overflow area of a stormwater management facility;

(e) the stability of a slope; or

(f) any other surface drainage feature.

PART VI - APPLICATIONS, PERMITS AND APPROVALS

APPLICATIONS FOR CONNECTIONS

49 (1) The owner of a premises applying for new sewer service to the premises or an alteration to an existing sewer service to the premises must submit the following to the City Manager:

(a) an application in a form acceptable to the City Manager;

(b) the sanitary sewer trunk charge;

(c) any additional charges applicable to the construction or alteration of the sewer service; and

(d) any additional information required by the City Manager.

(2) The owner of a premises other than a single family or duplex residential premises must also submit the following to the City Manager when applying for new sewer service to the premises or an alteration to an existing sewer service to the premises, signed and sealed by a professional acceptable to the City Manager:

(a) a site mechanical and lot grading plan and any associated fees;

(b) an assessment of the potential for the premises to release contaminated surface water to the sewerage system, pipe bedding or watercourse, including:

(i) all existing information regarding soil contaminants on site;

(ii) all bore hole logs;

(iii) all subsurface water and soil sampling data; and

(iv) any other information required by the City Manager;

(c) an assessment of the potential to release wastewater or stormwater in contravention of this bylaw; and

(d) plans for facilities, means and monitoring to prevent soil or

subsurface water from contaminated sites from adversely affecting or entering the sewerage system.

APPLICATIONS TO RELEASE MATTER

50 A person applying to release matter into the sewerage system must submit to the City Manager:

(a) an application in a form acceptable to the City Manager; and

(b) any fees payable as set out in Schedule "D".

APPLICATIONS FOR COMPLIANCE PROGRAM APPROVAL

51 A person applying for the approval of a compliance program must submit to the City Manager:

(a) an application in a form acceptable to the City Manager;

(b) the compliance program specifications signed and sealed by a professional acceptable to the City Manager; and

(c) the fee payable for a compliance program approval application as set out in Schedule "D".

APPLICATIONS FOR LOT GRADING APPROVAL

52 A person applying for the approval of final grading or rough grading of a premises must submit to the City Manager:

(a) an application in a form acceptable to the City Manager; and

(b) a plan of certification of as-built grades stamped and signed by a professional acceptable to the City Manager.

APPLICATIONS FOR SEWER METERING APPROVAL

53 A person applying for the approval of sewer metering in place of water metering for the purpose of sanitary utility charges must submit to the City Manager:

(a) an application in a form acceptable to the City Manager;

(b) a report on the proposed sewer metering signed and sealed by a professional acceptable to the City Manager; and

(c) the fee payable for a sewer metering approval application as set out in Schedule "D".

APPLICATIONS FOR UTILITY CREDIT OR LARGE WHOLESALE DESIGNATION

54 (1) A person applying for the approval of credit on their sanitary utility charges or stormwater utility charges must submit to the City Manager:

(a) an application in a form acceptable to the City Manager;

(b) a report showing the evidentiary basis for the credit claimed; and

(c) the fee payable for a utility credit application as set out in Schedule “D”;

(2) A person applying for approval for a premises to be designated as large wholesale must submit to the City Manager:

(a) an application in a form acceptable to the City Manager;

(b) a report showing the evidentiary basis for the large wholesale designation, including proof of the satisfactory operation and maintenance of a private drainage system containing a large interconnected collection system on the premises; and

(c) the fee payable for a large wholesale designation application as set out in Schedule “D”.

COMPLIANCE WITH CONDITIONS

55 The holder of a permit or approval must comply with the terms and conditions imposed on the permit or approval.

PART VII - RATES, CHARGES AND FEES

SANITARY UTILITY CHARGES

56 Sanitary utility charges will be levied on every premises serviced by or connected to the sewerage system in accordance with Schedule “D”.

STORMWATER UTILITY CHARGES

57 Stormwater utility charges will be levied on every premises in accordance with Schedule “D”.

SANITARY SEWER TRUNK CHARGES

58 (1) The sanitary sewer trunk charge shall be calculated in accordance with Schedule “D”.

(2) The sanitary sewer trunk charge shall be levied and collected from the owner of a premises abutting a City right-of-way in which there is a sanitary or combined sewer:

(a) when a development permit is issued for development, redevelopment, or renovation on the premises;

(b) if no development permit is required, when a building permit is issued for development, redevelopment, or

renovation on the premises; or

(c) when an application is made for sewer service to the premises.

HAULED WASTEWATER FEES 59 Hauled wastewater fees will be levied and collected for all hauled wastewater released in accordance with this bylaw in accordance with the rates set out in Schedule "D".

PLAN EXAMINATION FEE 60 Any person submitting any plan to the City for examination or review will be charged a fee for that examination or review as set out in Schedule "D".

LOT GRADING INSPECTION FEE 61 A lot grading inspection fee as set out in Schedule "D" will be levied and collected:

(a) when a building permit is issued for single family or duplex residential premises; or

(b) when a lot grading plan is submitted to the City Manager.

ADDITIONAL FEES 62 The City Manager may impose any other fees on the owner of a premises provided that those fees are reasonably connected to the provision of the sewer service to that premises.

PART VIII - ENFORCEMENT

OFFENCE 63 A person who contravenes this bylaw is guilty of an offence.

CONTINUING OFFENCE 64 In the case of an offence that is of a continuing nature, a contravention constitutes a separate offence in respect of each day, or part of a day, on which it continues and a person guilty of such an offence is liable to a fine in an amount not less than that established in this bylaw for each such day.

VICARIOUS LIABILITY 65 For the purposes of this bylaw, an act or omission by an employee or agent of a person is deemed also to be an act or omission of the person if the act or omission occurred in the course of the employee's employment with the person, or in the course of the agent exercising the powers or performing the duties on behalf of the person under their agency relationship.

CORPORATIONS AND PARTNERSHIPS 66 (1) When a corporation commits an offence under this bylaw, every principal, director, manager, employee or agent of the corporation who authorized the act or omission that constitutes the offence or

assented to or acquiesced or participated in the act or omission that constitutes the offence is guilty of the offence whether or not the corporation has been prosecuted for the offence.

(2) If a partner in a partnership is guilty of an offence under this bylaw, each partner in that partnership who authorized the act or omission that constitutes the offence or assented to or acquiesced or participated in the act or omission that constitutes the offence is guilty of the offence.

FINES AND PENALTIES

67 (1) A person who is guilty of an offence is liable to a fine in an amount not less than that established in this section, and not exceeding $10,000, and to imprisonment for not more than six months for non-payment of a fine.

(2) The following fine amounts are established for use on municipal tags and violation tickets if a voluntary payment option is offered:

(a) $5,000 for any offence for which a fine is not otherwise established in this section;

(b) $500 for any offence under sections 22(1), 41, and 42;

(c) $1,000 for any offence under sections 22(2), 43, 44, 45, and 46;

(d) $2,500 for any offence under sections 5, 9, 12, 13, 14(3), 15, 16, 17, 18(2), 21, 35, and 40;

(e) $7,500 for any offence under sections 18(1), 19(c), 26, 38, and 39; and

(f) $10,000 for any offence under section 33.

MUNICIPAL TAG

68 If a municipal tag is issued in respect of an offence the municipal tag must specify the fine amount established in this bylaw for the offence.

PAYMENT IN LIEU OF PROSECUTION

69 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

70 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 the person charged to appear in court without the alternative of making a voluntary payment.

VOLUNTARY PAYMENT

71 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.

DISCONTINUANCE OF SERVICE

72 In addition to any other remedy or penalty, the City Manager may discontinue the provision of sewer service to any premises if the owner of that premises is in breach of this bylaw and reasonable notice of the discontinuance is provided to the owner of the premises.

PROHIBITION OF RELEASE

73 In addition to any other remedy or penalty, the City Manager may prohibit a person from releasing or discharging hauled wastewater if that person is in breach of this bylaw.

REFUSAL TO APPROVE PLANS

74 In addition to any other remedy or penalty, the City Manager may refuse to approve any plans for a premises until the owner of the premises has complied with this bylaw.

OBSTRUCTION

75 A person shall not obstruct or hinder any person in the exercise or performance of the person's powers pursuant to this bylaw.

PART IX - GENERAL

POWERS OF THE CITY MANAGER

76 Without restricting any other power, duty or function granted by this bylaw the City Manager may:

(a) carry out any inspection to determine compliance with this bylaw;

(b) take any steps or carry out any actions required to enforce this bylaw;

(c) take any steps or carry out any actions required to remedy a contravention of this bylaw;

(d) establish areas where activities restricted by this bylaw are

permitted;

(e) establish forms for the purpose of this bylaw;

(f) issue permits and approvals with such terms and conditions as are deemed appropriate;

(g) establish criteria to be met for a permit or approval to be issued pursuant to this bylaw;

(h) waive or vary any fee payable pursuant to this bylaw; and

(i) delegate any powers, duties or functions under this bylaw to an employee of the City.

PERMIT CANCELLATION 77 The City Manager may revoke, suspend, refuse to issue, vary, or impose conditions on any permit or approval if, in the opinion of the City Manager, it is in the public interest to do so.

PROOF OF PERMIT 78 The onus of proving a permit or approval has been issued in relation to any activity otherwise regulated, restricted or prohibited by this bylaw is on the person alleging the existence of such a permit on a balance of probabilities.

PROOF OF EXEMPTION 79 The onus of proving that a person is exempt from the provisions of this bylaw requiring a permit or approval is on the person alleging the exemption on a balance of probabilities.

CERTIFIED COPY OF RECORD 80 A copy of a record of the City, certified by the City Manager as a true copy of the original, shall be admitted in evidence as *prima facie* proof of the facts stated in the record without proof of the appointment or signature of the person signing it.

ANALYST RECORDS 81 A report or certificate of an analyst purporting to be signed by the analyst shall be admitted in evidence as *prima facie* proof of the facts in that report or certificate without proof of the signature or official character of the person signing the report or certificate.

LEGAL DUTY 82 Nothing in this bylaw, including the issuance of a permit, any approval, and any inspections conducted by the City, relieves any person of their legal duty to comply with this bylaw.

REPEALS

83 The following bylaws are repealed:

(a) Bylaw 9425, the Sewers Bylaw;

(b) Bylaw 9675, the Sewers Use Bylaw; and

(c) Bylaw 11501, the Surface Drainage Bylaw.

EFFECTIVE DATE

84 This bylaw comes into force on June 1, 2013.

(NOTE: Consolidation made under Section 69 of the Municipal Government Act, R.S.A. 2000,
c. M-26 and Bylaw No. 12005, and printed under the City Manager's authority.)

Bylaw 16200, passed by Council April 24, 2013

Amendments:

Bylaw 16610, January 1, 2014
Bylaw 16761, April 1, 2014
Bylaw 16980, January 1, 2015
Bylaw 17433, January 1, 2016
Bylaw 17604, May 3, 2016
Bylaw 17605, May 3, 2016

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 that, by itself or in combination with another substance, is capable of causing or contributing to an explosion or supporting combustion;

3) any matter that by itself or in combination with another substance is capable of obstructing the flow of or interfering with the operation or performance of the sewerage system, watercourse, or 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 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) hair and hair clippings;
   (k) cardboard and paper, excluding toilet tissue, into the storm sewerage system;
   (l) plastics;
   (m) personal hygiene products;
   (n) rags, paper towels and cloth;
   (o) rock;
   (p) sand, into the sanitary sewerage system;
   (q) sharps;
   (r) soil;
   (s) straw;
   (t) tar;
   (u) wash water from washing equipment used in the mixing and delivery of concrete and cement based products;
   (v) wood, and wood sawdust or shavings;
   (w) grit or skimmings from interceptors, catch basins, pretreatment facilities or privatewastewater disposal systems; or
   (x) sludge from interceptors, catch basins, pretreatment facilities or private wastewater disposal systems;

4) any matter with corrosive properties that, by itself or in combination with another substance, may cause damage to any sewerage system or treatment facility;

5) any matter, other than domestic wastewater, that 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 treatment facility;

6) any matter that, by itself or in combination with another substance, is capable of preventing safe entry into a sewerage system or treatment facility;

7) any matter that:

   (a) consists of two or more separate liquid layers; or
   (b) is capable of forming a separate liquid layer when it comes in contact with stormwater or wastewater;

8) any matter that, by itself or in combination with another substance, is detrimental to the operation or performance of the sewerage system, watercourse, treatment facility, or the environment, including but not limited to:

   (a) biological waste;
   (b) elemental mercury;
   (c) paint, stains and coatings, including oil and water based;
   (d) prescription drugs and any other pharmaceutical products;
   (e) pesticides and herbicides; and
   (f) used automotive and machine oils and lubricants;

9) radioactive material in solid form;

10) effluent from an industrial garbage grinder;

11) any matter that has the potential to:

   (a) cause a hazard to human health and that cannot be effectively mitigated by wastewater treatment;
   (b) cause a hazard to the environment;
   (c) cause a hazard to workers responsible for operating and maintaining the sewerage system or a treatment facility;
   (d) cause an adverse effect to the sewerage system;
   (e) cause an adverse effect to a treatment facility;
   (f) result in the wastewater being released by the treatment facility in contravention of regulatory requirements; or
   (g) restrict the beneficial use of biosolids from a treatment facility.

12) any matter that contains a Biohazardous Agent, Risk Group 4.

(S.11, Bylaw 17604, May 3, 2016)

SCHEDULE B – RESTRICTED WASTES APPLICABLE TO SANITARY AND COMBINED SEWERS

The following are designated as restricted wastes when present in wastewater, stormwater, or subsurface water being released to a sanitary or combined sewer in excess of the limits set out below.

Unless expressed otherwise, concentrations are expressed as total concentrations.

Notwithstanding any limit set out below, the City Manager may require a premises to adhere to site-specific limits where the City Manager determines it appropriate to do so.

(S.2, Bylaw 16610, January 1, 2014)

1. CONTAMINANTS

Contaminant	**Concentration (mg/L)**
Biochemical oxygen demand (B.O.D.)	10,000
Chemical oxygen demand (C.O.D.)	20,000
Oil and grease	500
Phosphorus (P)	200
Suspended solids (S.S.)	5,000
Total Kjeldahl nitrogen (T.K.N.)	500

2. INORGANIC CONSTITUENTS

Inorganic Constituent	**Concentration (mg/L)**
Antimony	5.0
Arsenic (As)	1.0
Cadmium (Cd)	0.10
Chlorine (total) (Cl_2)	5.0
Chromium (hexavalent) (Cr^{+6})	2.0
Chromium (total) (Cr)	4.0
Copper (Cu)	1.0
Cyanide (CN^-)	2.0
Lead (Pb)	1.0
Mercury (Hg)	0.10
Molybdenum (Mo)	5.0
Nickel (Ni)	4.0
Silver (Ag)	5.0
Selenium (Se)	1.0
Sulphide ($S^=$)	3.0
Thallium (Tl)	1.0
Zinc (Zn)	2.0

3. ORGANIC COMPOUNDS

Organic Compound	**Concentration (mg/L)**
Hydrocarbons	100

Phenols	1.0

(S.12, Bylaw 17604, May 3, 2016)

4. **pH**

pH (Hydrogen ion) less than 6.0 or greater than 11.5

5. **TEMPERATURE**

temperature greater than 75 degrees Celsius

6. **OTHER**

i) radioactive material in a concentration greater than allowed under the *Nuclear Safety and Control Act*, SC 1997, c 9 and associated regulations;

SCHEDULE C – RESTRICTED WASTES APPLICABLE TO STORM SEWERS AND WATERCOURSES

The following are designated as restricted wastes when present in wastewater, stormwater, or subsurface water being released to the storm sewer or a watercourse in excess of the limits set out below.

Unless expressed otherwise, concentrations are expressed as total concentrations.

Notwithstanding any limit set out below, the City Manager may require a premises to adhere to site-specific limits where the City Manager determines it appropriate to do so.

1. CONTAMINANTS

Contaminant	**Concentration (mg/L)**
Biochemical oxygen demand (B.O.D.)	50
Chemical oxygen demand (C.O.D.)	100
Oil and grease	15
Phosphorus (P)	1.0
E.coli	200 counts / 100 mL

2. INORGANIC CONSTITUENTS

Inorganic Constituent	**Concentration (mg/L)**
Ammonia Nitrogen (NH_3-N)	1.4
Arsenic (As)	0.050
Cadmium (Cd)	0.0005
Chlorine (total) (Cl_2)	0.020
Chromium (hexavalent) (Cr^{+6})	0.010
Chromium (total) (Cr)	0.089
Copper (Cu)	0.160
Cyanide (CN^-)	0.050
Lead (Pb)	0.020
Mercury (Hg)	0.00013
Nickel (Ni)	0.080
Silver (Ag)	0.001
Selenium (Se)	0.010
Thallium (Tl)	0.008
Zinc (Zn)	0.30

3. ORGANIC COMPOUNDS

Organic Compound	**Concentration (mg/L)**
Benzene	0.37
Ethylbenzene	0.090
Toluene	0.039
Xylene	0.5
Carbon tetrachloride	0.0133
Phenols	0.005

Tetrachloroethylene	0.0044
Trichloroethylene	0.0076

(S.13-14, Bylaw 17604, May 3, 2016)

4. **pH**

pH less than 6.0 or greater than 9.0, except uncontaminated runoff resulting from natural precipitation

5. **TEMPERATURE**

temperature greater than 60 degrees Celsius

6. **OTHER**

ii) dye or colouring material that 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;

iii) radioactive material in a concentration greater than allowed under the *Nuclear Safety and Control Act*, SC 1997, c 9 and associated regulations;

iv) foam or any other matter that, by itself or in combination with another substance, is capable of producing foam that will persist for five minutes or more, with the exception of foam used in a wastewater treatment facility;

SCHEDULE D - FEES

1. DEFINITIONS

In this Schedule:

a) “dwelling unit” means a self-contained room or rooms with sleeping and cooking facilities, as defined in the City of Edmonton Zoning Bylaw, Bylaw 12800;

b) “large wholesale” means a premises designated as such by the City Manager in accordance with this bylaw;

c) “residential” means a premises used primarily for domestic purposes, where no more than four dwelling units are metered by a single water meter and the meter size to the premises is not greater than 50 mm;

2. SANITARY UTILITY CHARGES

(1) Sanitary utility charges are calculated and levied on each premises on a monthly basis and are comprised of both:

(a) a flat monthly charge based on the meter size for the premises according to the following rates; and

Meter Size	**Flat Monthly Service Charge**
16mm	8.85
20mm	15.93
25mm	24.79
40mm	47.80
50mm	65.51
75mm	135.44
100mm	252.29
150mm	477.15
200mm	761.31
250mm	1889.11
300mm	1889.11
400mm	2136.86
500mm	2301.50

(b) a variable monthly charge based on the rates below for monthly metered:

i) water consumption for the premises;

ii) sewer discharge for a premises on which a sewer meter has been installed in accordance with this bylaw; or

iii) water consumption for the premises as discounted by the application of a utility credit as approved in accordance with this bylaw.

Premises	**Rate per m^3**
All premises (except large wholesale)	$ 0.9109
Large Wholesale with Collection System	$ 0.5142

(2) Seasonal Sanitary Utility Charge Reduction

The seasonal sanitary utility charge reduction applies only to residential premises. During the period of April 1 to September 30, the figure used for calculating the variable portion of the charge will be the lesser of either:

i) the actual metered water consumption; or

ii) the average monthly water consumption for the period of October 1 to March 31 plus 5 m^3

Where it is not possible to calculate the average monthly water consumption rate for the period of October 1 to March 31 due to a lack of consumption history for the entire period, the seasonal service charge reduction will not apply.

3. STORMWATER UTILITY CHARGES

Stormwater utility charges are levied on each premises and calculated based on a monthly rate using the following formula:

stormwater utility charge = A x I x R x rate

A is:

- the area of premises (m^2), 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 that they contribute significantly less stormwater per m^2 to the City's sewerage system during rainfalls than other similarly zoned properties by making an application for a reduction in the intensity development factor pursuant to this bylaw.

R is:

-the runoff coefficient based on the zoning of the premises:

R	**Zoning**
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:

- $0.037114

4. HAULED WASTEWATER

The fee for hauled wastewater is calculated based on vehicle size:

a) $17.00 per axle, excluding the first steering axle

If the hauled wastewater contains settleable solids in a concentration greater than 100 mL/L, the hauled wastewater fee is double the amount indicated in clause (a).

5. APPLICATION FEES

Application Type	**Fee**
Application to release matter	$344.00 per year of release
Application to approve a compliance program	$344.00 per year of compliance program
Records search	$107.00 per request
Application for sewer metering approval	$300.00 per application
Application for reduction in stormwater utility intensity development factor	$300.00 per application
Application for utility credit	$300.00 per application
Application for large wholesale designation	$300.00 per application

6. SANITARY SEWER TRUNK CHARGES

For the purpose of calculating the sanitary sewer trunk charge, “secondary suite”, “garden suite”, and “garage suite”, as well as references to “use classes”, have the same meaning as defined in the City of Edmonton Zoning Bylaw, Bylaw 12800.

Sanitary sewer trunk charges are calculated as follows:

a) For development, redevelopment, or renovation of premises for residential use classes:

Number of Dwelling Units	Charge per Dwelling Unit
1 – 2 dwelling units, excluding secondary suites, garden suites, or garage suites	$ 1,566.00

2 dwelling units where one unit is a secondary suite, garden suite, or garage suite	$ 693.00 for the secondary unit
3 or more dwelling units	$ 1,118.00

b) For development, redevelopment, or renovation of premises for all use classes except residential (including commercial, industrial, basic service, community, education, recreational, and cultural) the charge will be $ 7,832.00 per hectare.

Notwithstanding the above, if a sanitary sewer trunk charge is levied on premises as a result of the redevelopment or renovation of premises, the sanitary sewer trunk charge will be calculated using the following formula:

sanitary sewer trunk charge = A – B

A is:

- the sanitary sewer trunk charge that would have been levied based on the above fees;

B is:

- the sanitary sewer trunk charge previously levied and paid for the premises prior to the redevelopment or renovation on the premises; or
- if the redevelopment or renovation of the premises is for residential use classes, then the sanitary sewer trunk charge that would have been paid had a sanitary trunk charge been levied with respect to the development that existed on the premises prior to the date of the redevelopment or renovation.
- if the result is a negative figure, the sanitary sewer trunk charge will be deemed to be $0

7. EXPANSION ASSESSMENT

The Expansion Assessment is an area based assessment and applies to areas that did not have an approved NSP (Neigbourhood Structure Plan) before January 1, 1999

Fees are collected at the time of subdivision, development permit application or sanitary service connection application. For 2016, the Expansion Assessment Fees are:

Expansion Assessment Fees	
South Edmonton Sanitary Sewer (SESS)	$ 22,367.00/per hectare
North Edmonton Sanitary Trunk (NEST)	$ 22,367.00/per hectare
Terwillegar and University Farms (TUFS)	$ 22,367.00/per hectare
West Edmonton Sanitary Sewer (WESS)	$ 27,962.00/per hectare

8. LOT GRADING INSPECTION FEES

Premises Type	**Inspection Fee**
Single family residential	$ 135.00
Semi-detached residential	$ 135.00
Multi-family residential	$ 220, plus $55 per dwelling unit on the first level containing a dwelling unit
Any other premises type	$ 220 per hectare, subject to a minimum fee of $ 220

9. OTHER SERVICE CHARGES

a) Investigation and/or release of plugged sewer service $ 334.00 per incident

(S.3, Bylaw 16610, January 1, 2014)
(S.2, Bylaw 16761, April 1, 2014)
(S.2, 16980, January 1, 2015)
(S.2, 17433, January 1, 2016)