## Attachment 1 - Proposed Changes and New Sewer Use By-law

- (1) Staff is proposing to enact a new Sewer Use By-law to incorporate the proposed changes in this Attachment, technical amendments, as required, and carry over provisions from the existing Sewer Use By-law, 087-2016, as amended, that are not impacted by or in conflict with the recommended revisions in this Attachment.
- (2) To add a scope statement that advises that this by-law applies to the serviced area of The Corporation of the City of Vaughan and a provision advising that if this By-law is in conflict with a provision of any other City or Canadian Government Entity by-law or regulation, the more restrictive provision shall prevail.
- (3) To create a section which lists all activities that require *Approval* or *Permit* from the City, and where to find them within this by-law.
- (4) To make technical amendments to the definitions used in this by-law in addition to Item (5).
- (5) To remove definitions not used in the by-law and add or amend the following the definitions to be as listed below:
- "Accredited Laboratory" means any laboratory accredited by an authorized accreditation body in accordance with a standard based on "ISO/IEC/EN 17025: General Requirements For Competence Of Calibration and Testing Laboratories" established by the International Organization For Standardization, as amended.
- "Administrative Monetary Penalties By-law" refers the Administrative Monetary Penalties By-law 063-2019, as amended, or its successor by-law;
- "Adverse Effect" has the same meaning as in the Environmental Protection Act, and includes one or more of the following:
  - (a) Impairment of the quality of the Natural Environment for any use that can be made of it;
  - (b) injury or damage to *Property* or to plant or animal life;
  - (c) harm or material discomfort to any Person;
  - (d) an Adverse Effect on the health of any Person;
  - (e) Impairment of the safety of any Person;
  - (f) rendering any *Property* or plant or animal life unfit for human use;
  - (g) loss of enjoyment of normal use of Property; and
  - (h) interference with the normal conduct of business.

- "Approval" or "Permit" means, in the context of this By-law, an Approval from the City to undertake activities related to the Sewage System, such as, but not limited to, Discharge into, Connection or entry into Sewage Works;
- "Backwash Water" means water and other materials released from a Swimming Pool filter during its cleaning;
- "Biosolids" means organic solid material recovered from the Sewage treatment process;
- "Blowdown Water" means recirculated water that is Discharged from a cooling or heating water system for the purpose of controlling the level of water in the system or for the purpose of discharging from the system materials contained in the system, the further build-up of which may impair the operation of the system;
- "CAN/CSA B481 Standards" means the Canadian Standard Association (CSA) Group B481 Series of Standards for grease *Interceptors*, or their successor standards;
- "City" means The Corporation of the City of Vaughan and its designated representatives;
- "Commercial" means lands, buildings or structures used or designed or intended for use for activities involving the production, processing, manufacturing, or sale of goods or services:
- "Compliance Program" means the necessary steps undertaken by a *Discharger* to bring Sewage Discharged into the Sewage Works into compliance with the provisions of this By-law or the terms and conditions of the *Permit*;
- "Composite Sample" means two or more *Grab Samples* of a *Discharge* to the *Sewage Works* taken at intervals during the sampling that have been combined;
- "Connection" means that part or those parts of any pipe or system of pipes leading directly or indirectly to Sewage Works;
- "Dentistry Act" means the Dentistry Act, 1991, S.O. 1991, c. 24, as amended, or its successor legislation;
- "Discharge Activity" means the Discharge of Private Water to the Sewage Works;
- "Director of Environmental Services" means the Person designated as the Director for the Department of Environmental Services of the City or his or her designate;
- "Drain" or "Drainage" means that part or those parts of any pipe or system of pipes leading directly or indirectly to Sewage Works;
- "Easement" means an interest in land owned by another *Person*, consisting in the right to use or control the land, or an area above or below it, for a specific limited purpose, but does not include an interest created by a licence or a *Permit*;
- "Every Person Having Control of a Pollutant" means the Person and the Person's employee or agent, if any, having the charge, management, or control of a pollutant immediately before the first Discharge of the pollutant, whether into the Natural Environment or not, in a quantity or with a quality abnormal at the location where the Discharge occurs, and "Person having control of the pollutant" has a corresponding meaning, as per the Environmental Protection Act;
- "Fees and Charges By-law" means the City's Fees and Charges By-law,158-2021, as amended, or its successor by-law;

- "Fisheries Act" means the Fisheries Act (R.S.C., 1985, c. F-14), as amended, or its successor legislation;
- "Flow Meter" means a device used to measure the flow rate and quantity of water moving through a pipe;
- "Foundation Drain" means a perforated pipe installed beneath the foundation of a building or structure for the purpose of collecting flows from *Groundwater* infiltration and conveying the flows to a sump pump for disposal on the surface of the ground or to a private service *Connection* or *Drainage* system for disposal in a municipal sewer;
- "General Waste Management Regulation" means General Waste Management Regulation, R.R.O. 1990, Reg. 347, as amended, or its successor regulation;
- "Governmental Entity" means the government of a jurisdiction, any political subdivision of a jurisdiction, such as a federal, provincial, or municipal body, performing a function of the government;
- "Grab Sample" means a sample of a Discharge into a Sewage Works, which is collected over a period not exceeding fifteen (15) minutes;
- "Groundwater" means subsurface water including water held in soil, in pores, cracks or crevices in rocks or as a free-standing body beneath the existing ground surface;
- "Hauled Waste" means liquid Industrial waste that is transported for Discharge and that must be transported in accordance with General Waste Management Regulation, but does not include Hauled Sewage;
- "Hazardous Waste" includes a waste that is an acute Hazardous Waste chemical, hazardous Industrial waste, Hazardous Waste chemical, corrosive waste, ignitable waste, pathological waste, reactive waste, radioactive waste, PCB waste, Leachate toxic waste or severely toxic waste, or any combination thereof, each as defined by the General Waste Management Regulation;
- "Impairment" has the same meaning as in *Environmental Protection Act*, means the quality of water shall be deemed to be impaired by the *Discharge* of material if the material or a derivative of the material enters or may enter the water, directly or indirectly, and,
  - (i) the material or derivative causes or may cause injury to or interference with any living organism that lives in or comes into contact with:
    - (i) the water, or
    - (ii) soil or sediment that is in contact with the water;
  - (j) the material or derivative causes or may cause injury to or interference with any living organism as a result of it using or consuming:
    - (iii) the water;
    - (iv) soil or sediment that is in contact with the water;
    - (v) any organism that lives in or comes into contact with the water or soil or sediment that is in contact with the water;

- (k) the material or derivative causes or may cause a degradation in the appearance, taste or odour of the water;
- a scientific test that is generally accepted as a test of aquatic toxicity indicates that the material or derivative, in diluted or undiluted form, is toxic;
- (m)peer-reviewed scientific publications indicate that the material or derivative causes injury to or interference with organisms that are dependent on aquatic ecosystems; or
- (n) the material or derivative has a prescribed characteristic or is a prescribed material.
- "Industrial" means lands, buildings or structures used or designed or intended for use for activities involving the manufacturing, processing, fabrication, storage, transportation, distribution or wholesaling of goods and services;
- "Institutional" means lands, buildings or structures used or designed or intended for use by an organized body, society, health care organization or religious group and shall include, without limiting the generality of the foregoing, places of worship, senior's residences and special care facilities;
- "Interceptor" means a receptacle that is designed and installed to prevent oil, grease, sand or other materials from passing into Sewage Works;
- "Land Drainage Works" includes a Drain constructed by any means which is owned by the City and is located within the limits of a public road allowance or other Public Lands or public land interests held for public utility purposes which may or may not connect to a Storm Sewer, or a Drain constructed by any means that connects directly or indirectly to a City's Storm Sewer or any other Sewage Works;
- "Maintenance Access Hole" means an access point in a sewer Connection to a municipal Sewage Works that allows for the observation, monitoring, sampling, flow measurement and other related activities of the Sewage, Storm Water, Uncontaminated Water or other Substance therein;
- "Municipal Act" means the Municipal Act, 2001, S.O. 2001, c. 25, as amended, or its successor legislation;
- "Municipal Law Enforcement Officer" or "MLEO" means a Person appointed or employed by the City as a Municipal Law Enforcement Officer under the Police Services Act, R.S.O. 1990, c.P.15, as amended;
- "Municipal Sewer Connection" means that part of any Drain leading from the Private Sewer Connection and connected to the municipal Sewage Works and located within the limits of the public road allowance, or other Public Lands or public land interests held for public utility purposes;
- "Non-Contact Cooling Water" means water that is used in an *Industrial* process, for the purpose of removing heat, that has not come into contact with any raw material, intermediate product, waste product or finished product of the *Industrial* process other than heat, but does not include *Blowdown Water*,

- "Nutrient Management Act" refers to the Nutrient Management Act, 2002, S.O. 2002, c. 4, as amended, or its successor legislation;
- "Obstruction" means with respect to Sanitary Sewers or Storm Sewers includes, but is not limited to, a Discharge containing solid or viscous Substances in quantities or of such size as to be capable of causing blockages or hindrances to the flow in a sewer such as ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, masks, gloves, feathers, tar, plastic, feminine hygiene products, wood, dental floss, condoms, animal parts, and wipes;
- "Ontario Water Resources Act" means the Ontario Water Resources Act, R.S.O. 1990, c. 0.40, as amended, or its successor legislation;

## "Owner" includes:

- (o) the *Person* having the right, title, interest or equity in the land, or his or her agent authorized in writing;
- (p) the *Person* for the time being managing or receiving the rent of the land or premises in *Connection* with which the word is used;
- (q) whether on the *Person*'s own account or as agent or trustee of any other *Person*, or who would receive the rent if the land and premises were let; or
- (r) a lessee or occupant of the *Property*.
- "PCBs" means any monochlorinated or polychlorinated biphenyl or any mixture of them or mixture that contains one or more of them and includes PCB waste as defined by R.R.O. 1990, Reg. 362 (Waste Management-PCBs) made under the *Environmental Protection Act*, as amended, or its successor regulation;
- "Permanent (Long-Term) Private Water Discharge" means Discharge Activities where the structure or building will Discharge to the Storm Sewer for the lifetime of the structure or building. This type of Approval is granted for terms of up to one (1) year and may be renewable;
- "Person" includes an individual, association, organization, partnership, municipality or other corporation and includes an agent or employee of any of them;
- "Pesticide" means any organism, Substance or thing that is manufactured, represented, sold or used as a means of directly or indirectly controlling, preventing, destroying, mitigating, attracting or repelling any pest or of altering the growth, development or characteristics of any plant life that is not a pest and includes any organism, Substance or thing registered under the Pest Control Products Act of Canada, as per Pesticides Act, R.S.O. 1990, c. P.11, as amended, or its successor regulation;
- "Phenolics" or "Phenolic Compounds" means those hydroxyl derivatives of benzene, or its condensed nuclei, which can be identified by the 4-Aminoantipyrene method in accordance with Standard Methods, or the Gibbs procedures, as set out in the Standard Methods;
- "Private Storm Sewer" means rear-yard catch basins, infiltration trenches/galleries, soak-away pits or other grassed swales located on private lands;
- "Private Water" means water originating from:

- (s) Storm Water and/or Groundwater accumulating or collected on private lands; or
- (t) A Private Sewage Disposal System; or
- (u) A well or any other subsurface extraction of Groundwater, or
- (v) A permanent or temporary Wastewater pond, water retention Site or other area or Site of surface water collection, whether natural or man-made, created, used or caused by or for renovation, repair, maintenance, demolition, construction-related or land development activity or activities; or
- (w) A tank, tanker truck, vessel, or other means of water storage that contains water not supplied by the *City*; or
- (x) The permanent or temporary alteration of a natural or pre-existing *Drainage* pattern; or
- (y) Any combination of the above-noted activities, where the water from such activity would be *Discharged* directly or indirectly to a municipal sewer or *Municipal Sewer Connection* thereto and such activity is related to renovation, repair, maintenance, demolition construction or land development activity or activities at a *Property*.

- "Salt Water" in the context of this By-law, refers to water in a Swimming Pool which has dissolved salts, such as, but not limited to sodium chloride;
- "Sewage Works" means any works for the collection, transmission, treatment and disposal of Sewage, Storm Water or Uncontaminated Water, including a Sanitary Sewer or Storm Sewer, or any part of such works, but does not include Private Storm Sewers or plumbing or other works to which the Building Code Act;
- "Site" means a Property where a business activity takes place that is capable of Discharging to the Sewage Works;
- "Spill" means a Discharge of any Substance to a Sewage Works or to the Natural Environment which is abnormal in quantity or quality in light of all the circumstances of the Discharge;
- "Standard Methods" means a procedure or method set out in "Standard Methods for the Examination of Water and Wastewater" published jointly by the American Public Health Association, American Water Works Association and the Water Environment Federation, as amended;

<sup>&</sup>quot;Public Lands" means lands owned by the City or other Governmental Entity;

<sup>&</sup>quot;Region" or "Regional" means the Regional Municipality of York, including Municipal Law Enforcement Officers and its designated representatives;

- "Storm Sewer" means any part of the Sewage Works that is intended to collect and convey Storm Water, Uncontaminated Water, surface runoff or Drainage from land, from a Watercourse, a ditch adjacent to an assumed City road, or any combination thereof:
- "Storm Water" includes water from rainfall or other precipitation or from the melting of snow or ice:
- "Subsurface Drainage Pipe" means a pipe that is installed underground to intercept and convey subsurface water and includes Foundation Drain;
- "Substance" means any physical matter, whether solid, liquid or gas;
- "Swimming Pool" means any structure, basin, or vessel containing or capable of containing a body of water exceeding 0.76 m in depth used or intended to be used for swimming, bathing, or related activities, in line with the definition of the *City's Zoning Bylaw*, or its successor by-law;
- "Temporary (Short-Term) Private Water Discharge" means temporary Discharge Activities to the Sewage Works related to any excavation, site remediation, or construction activities and which are not intended to be permanent in nature;
- "Total PAHs" means the calculated total of all the polycyclic aromatic hydrocarbons listed under Canada Ontario Agreement Tier I and II Substances Lists, including anthracene, benzo(a)pyrene, benzo(a)anthracene, benzo(e)pyrene, benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, dibenzo(a,i)pyrene, dibenzo(a,j)acridine, 7Hdibenzo(c,g)carbazole, dinitropyrene, fluoranthene, indeno(1,2,3-c,d)pyrene, perylene, phenanthrene, and pyrene.
- "Uncontaminated Water" means water with a level of quality which is typical of potable water normally supplied by the *City* or whose quality does not exceed the values in Table 2 Limits for *Storm Sewer Discharge*";
- "Water Leader" means a pipe that is installed to carry Storm Water from a roof to a place of disposal;
- "Watercourse" means an open channel, ditch or depression, either natural or artificial in which flow of water occurs either continuously or intermittently;
- "Zoning By-law" refers to the City Zoning By-law 001-2021, as amended, or its successor by-law;
- (6) To change the reference from "Guidelines for the Utilization of Biosolids and Other Wastes on Agricultural Land" to the "Nutrient Management Act".
- (7) To delete "from time to time as amended" and replaced with "as amended", and to delete, "in its sole discretion".
- (8) *Discharge* that contains or is likely to contain a liquid or material resulting from the pump-out or cleaning of a catch-basin, *Sediment Interceptor*, or *Maintenance Access Hole* is not permitted to enter the *Sewage Works*.
- (9) To add a section specifically related to Approval of temporary Discharge into

- Sanitary Sewers where the City may give an Approval for the temporary Discharge of Storm Water, temporary Discharge of Non-Contact Cooling Water, Temporary (Short-Term) Private Water Discharge, or temporary Discharge of Uncontaminated Water to a Sanitary Sewer under specific circumstances.
- Sewers to provide the reason for the need for *Discharge*; the volume rate and duration of water to be *Discharge*d; the location of the water source; the address of the *Property* where the water is being used and from which it is being *Discharged*; the details of the proposed *Discharge* plan to include sampling, monitoring and contingency plan; a copy of a valid Permit to Take Water issued by the *Ministry of the Environment, Conservation and Parks*; a copy of *Approval(s)* from other appropriate government agencies if applicable; payment of any application fees; and any other information requested by the City including, but not limited to, plans, erosion control measures, specifications, reports, studies, data, and analytical results.
- (11) To require *Dischargers* with *Approval* of temporary *Discharge* into *Sanitary*Sewers to obtain a *Flow Meter* and provide proof of calibration and install and maintain in working order a *Flow Meter* and sample port located downstream of the meter.
- (12) To specify the location of the *Discharge*, when a *Discharge Activity* to a *Municipal Sanitary Sewer* is prohibited, when *Approvals* of temporary *Discharge* into *Sanitary Sewers* shall be suspended, and when the *Discharger* shall notify the *City* of a *Discharge Activity*.
- (13) To add a section specifically related to *Approval* of permanent or temporary *Discharge* into *Storm Sewers* where the *City* may give an *Approval* for *Permanent* (*Long-Term*) *Private Water Discharge* or *Temporary* (*Short Term*) *Private Water Discharge* on such terms and conditions as it may deem appropriate.
- (14) To specify that *Approvals* for *Permanent (Long-Term) Private Water Discharge* are valid on the date of issuance for a period of up to one (1) year at a time and to require the *Discharger* to submit an application to the *City* to renew the *Approval* for *Permanent (Long-Term) Private Water Discharge* each year.

- into Storm Sewers to provide the reason for the need for Discharge; the volume rate and duration of water to be Discharged; the location of the water source; the address of the Property where the water is being used and from which it is being Discharged; the details of the proposed Discharge plan to include sampling, monitoring and contingency plan; a copy of a valid Permit to Take Water issued by the Ministry of the Environment, Conservation and Parks; a copy of Approval(s) from other appropriate government agencies if applicable; payment of any application fees; and any other information requested by the City including, but not limited to, plans, erosion control measures, specifications, reports, studies, data, and analytical results.
- (16) To require *Dischargers* with *Approval* of permanent or temporary *Discharge* into *Storm Sewers* to obtain a *Flow Meter* and provide proof of calibration and install and maintain in working order a *Flow Meter* and sample port located downstream of the meter.
- (17) To specify the location of the *Discharge*, when a *Discharge Activity* to a *Municipal Storm Sewer* is prohibited, when *Approvals* of permanent or temporary *Discharge* into *Storm Sewers* shall be suspended, and when the *Discharger* shall notify the *City* of a *Discharge Activity*.
- (18) To add prohibitions that *Swimming Pool* water cannot be discharged into *Storm Sewers*, *Sanitary Sewers* or *Land Drainage Works* if it is in contravention of the bylaw's *Sanitary Sewer* requirements, *Storm Sewer* requirements, or containing any *Substances* (including chlorine) at a concentration that exceeds the limits in Schedule "A". *Salt Water* cannot be discharged into *Storm Sewers*.
- (19) To amend the by-law to require greater notifications in the event of the *Spill*, requiring that *Every Person Having Control of a Pollutant* that is spilled and every *Person* who *Spills* or causes or permits a *Spill* is required to contact the *City*, the Ministry of the Environment, Conservation and Parks, the *Owner* of the pollutant and, where the *Person* is not the *Person* having control of the pollutant, able to ascertain readily the identity of the *Person* having control of the pollutant, the *Person* having control of the pollutant.

- (20) To list each prohibited *Substance* separately, rather than together, that is, listing out the prohibition in the use of:
  - (a) enzymes;
  - (b) bacteria;
  - (c) solvents;
  - (d) hot water; or
  - (e) other agents.
- (21) To add that clean water collection systems must be City-approved.
- (22) To add that *Connections* between a *Groundwater Drainage* system and the private sanitary *Drainage* system connection are prohibited unless permitted by the *City* prior to the date this by-law is repealed and replaced (anticipated: June 28, 2022).
- (23) To revise and add additional limits in Schedule "A" for various prohibited Substances, with the updated table listed below.
- (24) To repeal By-laws 156-2021 and 157-2021 and add the approved fees to the Fees and Charges By-law, 158-2021, as amended.
- (25) To allow Administrative Monetary Penalties to be charged for infractions, to be listed in Schedule "B", and to also amend the *Administrative Monetary Penalties By-law*, 063-2019, as amended. See Schedule "B" at the end of this document.
- (26) Add provisions to state an officer may issue *Orders* to do work to correct a contravention of this by-law, to serve notices by registered mail, and to place placards on an Owner's *Property* if the *Owner* cannot be located.

## Schedule "A" – Limits for *Discharge*

Table 1 - Limits for Sanitary Sewer Discharge

Type of Parameter	Parameter	Limit
Conventional	Biochemical Oxygen Demand (BOD)	300 mg/L
	Total Kjeldahl Nitrogen	100 mg/L
	Phenolics (4AAP)	1 mg/L
	Phosphorus (Total)	10 mg/L
	Suspended Solids (Total)	350 mg/L
Other	Cyanide (Total)	2 mg/L
	Fluoride	10 mg/L
	Sulphate	1500 mg/L
	Chlorides	1500 mg/L
Metals	Aluminum (Total)	50 mg/L
	Antimony (Total)	5 mg/L
	Arsenic (Total)	1 mg/L
	Cadmium (Total)	0.7 mg/L
	Chromium (Total)	2 mg/L
	Cobalt (Total)	5 mg/L
	Copper (Total)	3 mg/L
	Lead (Total)	1 mg/L
	Manganese (Total)	5 mg/L
	Mercury (Total)	0.01 mg/L
	Molybdenum (Total)	5 mg/L
	Nickel (Total)	2 mg/L
	Selenium (Total)	1 mg/L
	Silver (Total)	5 mg/L
	Tin (Total)	5 mg/L
	Titanium (Total)	5 mg/L
	Zinc (Total)	2 mg/L
Organics	Benzene	10 ug/L
	Chloroform	40 mg/L
Organics	1,2-dichlorobenzene	50 ug/L

1,4-dichlorobenzene	80 ug/L
Cis-1,2-dichloroethylene	4,000 ug/L
Trans-1,3-dichloropropylene	140 ug/L
Ethylbenzene	160 ug/L
Methylene chloride	2,000 ug/L
1,1,2,2,-tetrachloroethane	1,400 ug/L
Tetrachloroethylene	1,000 ug/L
Toluene	270 ug/L
Trichloroethylene	1,000 ug/L
Xylenes (Total)	1,400 ug/L
Di-n-butyl phthalate	80 ug/L
Bis(2-ethylhexyl) phthalate	12 ug/L
PCBs	1 ug/L
Methyl Ethyl Ketone	8000 ug/L
Styrene	200 ug/L
Nonylphenols	20 ug/L
Nonylphenol ethoxylates	200 ug/L
Total PAH's	5.0 ug/L

Table 2 - Limits for Storm Sewer Discharge

Type of Parameter	Parameter	Limit
Conventional	Biochemical Oxygen Demand (BOD)	15 mg/L
	Total Kjeldahl Nitrogen	1 mg/L
	Phenolics (4AAP)	0.008 mg/L
	Phosphorus (Total)	0.400 mg/L
	Suspended Solids (Total)	15 mg/L
Other	Cyanide (Total)	0.020 mg/L
	Fluoride	1 mg/L
	Sulphate	150 mg/L
	Chlorides	150 mg/L
	Chlorine	0.01mg/L
Metals	Aluminum (Total)	5 mg/L
	Antimony (Total)	0.500 mg/L
	Arsenic (Total)	0.020 mg/L
	Cadmium (Total)	0.008 mg/L
	Chromium (Total)	0.080 mg/L
	Cobalt (Total)	0.500 mg/L
	Copper (Total)	0.050 mg/L
	Lead (Total)	0.120 mg/L
	Manganese (Total)	0.150 mg/L
	Mercury (Total)	0.0004 mg/L
	Molybdenum (Total)	0.500 mg/L
	Nickel (Total)	0.080 mg/L
	Selenium (Total)	0.020 mg/L
	Silver (Total)	0.120 mg/L
	Tin (Total)	5 mg/L
	Titanium (Total)	0.500 mg/L
	Zinc (Total)	0.040 mg/L
Organics	Benzene	2.0 ug/L
Organics	Chloroform	
		2.0 mg/L
	1,2-dichlorobenzene 1,4-dichlorobenzene	5.6 ug/L
	·	6.8 ug/L
	Cis-1,2-dichloroethylene	5.6 ug/L
	Trans-1,3-dichloropropylene	5.6 ug/L
	Ethylbenzene	2.0 ug/L
	Methylene chloride	5.2 ug/L
	1,1,2,2,-tetrachloroethane	17 ug/L
	Tetrachloroethylene	4.4 ug/L
	Toluene	2.0 ug/L
	Trichloroethylene	8.0 ug/L
	Xylenes (Total)	4.4 ug/L
	Di-n-butyl phthalate	15 ug/L
	Bis(2-ethylhexyl) phthalate	8.8 ug/L
	PCBs	0.4 ug/L
	Methyl Ethyl Ketone	2.0 ug/L
	Styrene	20 ug/L
	Nonylphenols	2.0 ug/L
	Nonylphenol ethoxylates	20 ug/L
	Total PAH's	2.0 ug/L

## Schedule "B" – Offences and Corresponding Administrative Monetary Penalties

Section	Description	Fine Amount
5.0(1)(a) (i)	Discharge of a Substance that may cause or result in a health or safety hazard to a Person authorized to inspect, operate, maintain, repair or otherwise work on, in or around a Sewage Works	\$600
5.0(1) (a)(ii)	Discharge a Substance that may cause or result in a hazard or other Adverse Effect to any Person, animal, Property, vegetation or the Natural Environment	\$600
5.0(1) (a)(iii)	Discharge a Substance that may cause or result in an offence under the Ontario Water Resources Act or the Environmental Protection Act or any regulation made thereunder	\$600
5.0(1) (a)(iv)	Discharge of Biosolids from the Sewage Works to which Sewage Discharges, failing to meet the requirements set out in the Nutrient Management Act	\$600
5.0(1) (a)(v)	Discharge or cause or permit to Discharge of a Substance contain dyes or coloring material	\$300
5.0(1) (a)(vi)	Discharge or cause or permit to Discharge of a Substance that may interfere with an inspection, operation or maintenance	\$300
5.0(1) (a)(vii)	Discharge or cause or permit to Discharge of a Substance where offensive odour emanates	\$300
5.0(1) (a)(viii)	Discharge or cause or permit to Discharge of a Substance damage the Sewage Works	\$400
5.0(1) (a)(ix)	Discharge or cause or permit to Discharge of a Substance Obstruction or restriction to the flow	\$400
5.0(1) (b)(i)	Discharge or cause or permit to Discharge of a Substance with a pH less than 6.0 or greater than 10.5	\$600
5.0(1) (b)(ii)	Discharge or cause or permit to Discharge of a Substance two or more separate liquid layers	\$400
5.0(1) (b)(iii)	Discharge or cause or permit to Discharge of a Substance temperature greater than 60°C	\$400
5.0(1) (c)(i)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Combustible Liquid	\$600
5.0(1) (c)(ii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Flammable Liquid	\$600
5.0(1) (c)(iii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Fuel	\$600
5.0(1) (c)(iv)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hauled Sewage	\$400
5.0(1) (c)(v)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hauled Waste	\$600
5.0(1) (c)(vi)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hazardous Waste	\$600
5.0(1) (c)(vii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain PCBs	\$600
5.0(1) (c)(viii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain a Pesticide	\$300
5.0(1) (c)(ix)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Waste Radioactive Prescribed Substances	\$600
5.0(1) (c)(x)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Leachate	\$400

Section	Description	Fine Amount
5.0(1) (c)(xi)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain a liquid or material resulting from the pump-out or cleaning of a catchbasin, Sediment Interceptor, oil and grease Interceptor, or Maintenance Access Hole	\$400
5.0(1) (c)(xii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain any quantity of matter capable of obstructing the flow in or interfering with the proper operation of any part of the Sewage Works	\$400
5.0(1) (c)(xiii)	Discharge or cause or permit to Discharge of Sewage contains animal waste	\$400
5.0(1) (c)(xiv)	Discharge or cause or permit to Discharge of Sewage containing any contaminant at a concentration that exceeds any one or more of the limits in Table 1 as set out in Schedule "A" of this By-law, entitled "Limits for Sanitary Sewer Discharge"	\$600
5.0(1)(d)	Discharge or cause or permit to Discharge of Sewage where the Discharge is Storm Water, Non-Contact Cooling Water, water from a Discharge Activity, or Uncontaminated Water.	\$400
5.1(4)	Failure to provide plans, erosion control measures, specifications, or other documents related to an actual or potential <i>Discharge</i>	\$200
5.1(5)(a)	Failure to obtain a <i>Flow Meter</i>	\$200
5.1(5)(b)	Failure to provide Proof of Calibration	\$200
5.1(6)(a)	Failure to install and maintain a Flow Meter	\$200
5.1(6)(b)	Failure to install and maintain a sample port	\$200
5.1(7)	Discharge not in accordance with Approval Discharge location	\$400
5.1(8)	Discharge Activity not in accordance with the Approval	\$400
5.1(10)	Failure to notify the City prior to commencing a Discharge	\$200
5.1(11)	Failure to provide the required reports or other information for an Approval	\$200
6.0(1)(a)	Discharge or Permit the Discharge of water which is not Storm Water or not Uncontaminated Water	\$400
6.0(1) (b)(i)	Discharge a Substance which may cause health or safety hazard to a Person authorized to inspect the Sewage Works	\$400
6.0(1) (b)(ii)	Discharge or cause or permit to Discharge of a Substance interference with operation of a Storm Sewer or Land Drainage Works	\$400
6.0(1) (b)(iii)	Discharge or cause or permit to Discharge of a Substance Obstruction or restriction to the flow	\$400
6.0(1) (b)(iv)	Discharge or cause or permit to Discharge of a Substance which damaged a Storm Sewer or Land Drainage Works	\$400
6.0(1) (b)(v)	Discharge of a Substance that may cause a hazard or Adverse Effect to any Person, animal, Property, vegetation or the Natural Environment	\$500

Section	Description	Fine Amount
6.0(1) (b)(vi)	Discharge of a Substance that may cause Impairment of the quality of any water including water in any well, aquifer, lake, river, pond, spring, stream, reservoir or other Watercourse	\$500
6.0(1) (b)(vii)	Discharge which is an offence under the Ontario Water Resources Act, the Environmental Protection Act or the Fisheries Act	\$600
6.0(1) (b)(viii)	Discharge not satisfying criteria for environmentally sensitive water courses	\$600
6.0(1) (c)(i)	Discharge or cause or permit to Discharge of water with two or more separate liquid layers	\$500
6.0(1) (c)(ii)	Discharge or cause or permit to Discharge of water with a visible film, sheen or discoloration	\$500
6.0(1) (c)(iii)	Discharge or cause or permit to Discharge of a water with a temperature greater than 40°C	\$400
6.0(1) (c)(iv)	Discharge or cause or permit to Discharge of a water a pH less than 6.0 or greater than 9.0	\$600
6.0(1) (d)(i)	the Discharge contains or is likely to contain Blowdown Water	\$300
6.0(1)(d)(ii )	the Discharge contains or is likely to contain Contact Cooling Water	\$400
6.0(1)(d)(ii i)	The Discharge contains or is likely to contain water from a Discharge Activity	\$600
6.0(1)(d)(i v)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Combustible Liquid	\$600
6.0(1)(d)(v	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Flammable Liquid	\$600
6.0(1)(d)(v i)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain floating debris	\$300
6.0(1)(d)(v ii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Fuel	\$600
6.0(1)(d)(v iii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain oil and/or grease	\$400
6.0(1)(d)(i x)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hauled Sewage	\$400
6.0(1)(d)(x	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hauled Waste	\$400
6.0(1)(d)(x i)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Hazardous Waste	\$500
6.0(1)(d)(x ii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain PCBs	\$500
6.0(1)(d)(x iii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Pesticides	\$500
6.0(1)(d)(x iv)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Sewage	\$400
6.0(1)(d)(x v)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Waste Radioactive Prescribed Substances	\$500
6.0(1)(d)(x vi)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Leachate	\$500

Section	Description	Fine Amount
6.0(1)(d)(x vii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain a Substance from raw materials, intermediate or final materials, used or produced in, through or from an Industrial process	\$500
6.0(1)(d)(x viii)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain Construction/Renovation Wastewater and residual of construction material	\$500
6.0(1)(d)(x ix)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain the Backwash Water from a Swimming Pool	\$400
6.0(1)(d)(x x)	Discharge or cause or permit to Discharge of Sewage contains or likely to contain a Substance used in the operation or maintenance of a Site	\$300
6.0(1)(d)(x xi)	Discharge contains any contaminant at a concentration that exceeds any one or more of the limits in Table 2 as set out in Schedule "A" of this By-law	\$600
6.0(1)(d) (xxii)	Discharge of a liquid or material resulting from the pump-out or cleaning of a catch-basin, oil and grease Interceptor, Sediment Interceptor or Maintenance Access Hole	\$500
6.0(1)(d) (xxiii)	Discharge or cause or permit to Discharge Swimming Pool water containing or likely to contain Salt Water from a Swimming Pool	\$400
6.1(4)	Failure to provide plans, erosion control measures, specifications, or other documents related to an actual or potential <i>Discharge</i>	\$200
6.1(5)(a)	Failure to obtain a <i>Flow Meter</i>	\$200
6.1(5)(b)	Failure to provide Proof of Calibration	\$200
6.1(6)(a)	Failure to install and maintain a Flow Meter	\$200
6.1(6)(b)	Failure to install and maintain a sample port	\$200
6.1(7)	Discharge not in accordance with Approval Discharge location	\$400
5.1(8)	Discharge Activity not in accordance with the Approval	\$400
5.1(10)	Failure to notify the City prior to commencing a Discharge	\$200
5.1(11)	Failure to provide the required reports or other information for an Approval	\$200
7.0(1)	Discharge of diluted Substance into Sewage Works	\$300
8.0(1)	Failure to complete or submit an Information Report to the <i>City</i> within 30 calendar days	\$200
8.0(2)	Failure to provide written notice of change of any changes in the information requested in the <i>Discharger</i> Information Report	\$200
9.0(1)(a)	Discharge from a Swimming Pool into a Storm Sewer, Sanitary Sewer or Land Drainage Works in contravention of sections 5.0(1) or 6.0(1)	\$300
9.0(1)(b)	Discharge from a Swimming Pool into a Storm Sewer, Sanitary Sewer or Land Drainage Works Substances at a concentration that exceeds any of the limits in Tables 1 and 2 of Schedule "A" of this By-law	\$300

Section	Description	Fine Amount
12.0(1)	Failure to monitor, sample and/or analyze one or more <i>Discharges</i> from a <i>Site</i> and submit the analysis, results and/or the samples to the <i>City</i> by the date set out in the notice	\$300
13.0(1)	Failure to immediately notify the City or other required parties of a Spill	\$300
13.0(2)	Failure to provide requested information about <i>Spill</i> and /or complete any work the <i>City</i> may require to mitigate the <i>Spill</i>	\$300
13.0(3)	Failure to stop and contain the Spill and /or complete work to mitigate the Spill	\$300
13.0(4)	Failure to provide a complete written report on the <i>Spill</i> to the <i>City</i> within five days	\$500
13.0(5)	Failure to take all reasonable steps to ascertain the missing information and provide it immediately to the <i>City</i>	\$300
13.0(6)	Failure to immediately notify the <i>City</i> of <i>Spill</i> -related information that was provided to the <i>City</i> was inaccurate or is no longer accurate	\$300
13.0(7)	Failure to notify the <i>City</i> of inaccurate information and/or provide corrected information	\$300
15.0(1)	Failure to comply with <i>Dentistry Act</i> for the management and disposal of amalgam waste	\$600
15.0(2)	Failure to provide a maintenance schedule and record of maintenance for Dental Amalgam Separators	\$300
15.0(3)	Failure to provide a record of inspection and any documentation certifying the installation of a <i>Dental Amalgam Separator</i>	\$500
16.0(1)(a)	Failure to take all necessary measures to ensure that oil and grease are prevented from discharging to a <i>Sanitary Sewer</i> in excess of Schedule "A" Table 1	\$600
16.0(1)(b)	Failure to take all necessary measures to ensure that oil and grease are prevented from discharging to a <i>Storm Sewer</i> or <i>Land Drainage Works</i>	\$600
16.0(2)	Failure to install, operate, and properly maintain an oil and grease <i>Interceptor</i> in any piping system that connects directly or indirectly to the <i>Sewage Works</i>	\$600
16.0(3)(a)	Failure to comply with the current requirements of the <i>Building Code Act</i> and its regulations	\$300
16.0(3)(b)	Failure to comply with CAN/CSA B481 Standards	\$300
16.0(4)	Failure to ensure all oil and grease <i>Interceptor</i> s are maintained in good working <i>Order</i>	\$400
16.0(4)(a)	Failure to test and maintain oil and grease <i>Interceptor</i> in accordance with the requirements of <i>CAN/CSA B481 Standards</i>	\$300
16.0(4)(b)	Failure to have oil and grease <i>Interceptor</i> maintenance requirements posted on <i>Site</i>	\$200
16.0(4)(c)	Failure to have the oil and grease <i>Interceptor</i> cleaned before the thickness of organic material and solids residuals is 25% of the volume	\$300
16.0(5)	Failure to provide the maintenance schedule and record of maintenance for each oil and grease <i>Interceptor</i> and/or keep records on <i>Site</i> for past 2 years	\$300
16.0(6)	Failure to install an alarmed monitoring device when required by City	\$300
16.0(7)	Discharge or cause or allow the Discharge of emulsifier to an Interceptor	\$400
16.0(8)(a)	Discharge or cause or permit the Discharge of enzyme to an oil and grease Interceptor	\$400

Section	Description	Fine Amount
16.0(8)(b)	Discharge or cause or permit the Discharge of bacteria to an oil and grease Interceptor	\$400
16.0(8)(c)	Discharge or cause or permit the Discharge of solvents to an oil and grease Interceptor	\$400
16.0(8)(d)	Discharge or cause or permit the Discharge of hot water to an oil and grease Interceptor	\$400
16.0(8)(e)	Discharge or cause or permit the Discharge of other agents to an oil and grease Interceptor to facilitate the passage of oil and grease	\$400
17.0(1)	Failure to take all necessary measures to ensure that oil and grease are prevented from discharging to a <i>Sanitary Sewer</i> in excess of the limits in Table 1 as set out in Schedule "A" of this By-law or a <i>Storm Sewer</i> or <i>Land Drainage Works</i>	\$400
17.0(2)	Failure to install, operate and properly maintain an oil and grease <i>Interceptor</i> in any piping system that connects directly or indirectly to the <i>Sewage Works</i>	\$400
17.0(3)	Failure to install and operate each oil and grease <i>Interceptor</i> in compliance with the <i>Building Code Act</i> and <i>CAN/CSA B481 Standards</i> .	\$300
17.0(4)	Failure to ensure all oil and grease <i>Interceptor</i> s are maintained in good working <i>Order</i>	\$300
17.0(4)(a)	Failure to maintain oil and grease <i>Interceptors</i> as recommended by the Canadian Petroleum Products Institute and in accordance with the manufacturer's guidance and recommendations	\$200
17.0(4)(b)	Failure to have oil and grease <i>Interceptors</i> inspected regularly to ensure performance is maintained and to ensure the surface oil, grease and sediment levels do not exceed the recommended level	\$300
17.0(4)(c)	Failure to have the maintenance requirements posted at the <i>Site</i> in a conspicuous location in proximity to the oil and grease <i>Interceptor</i> .	\$400
17.0(5)	Failure to provide the maintenance schedule and record of maintenance for each oil and grease <i>Interceptor</i> and/or keep records on <i>Site</i> for past 2 years	\$300
17.0(6)	Failure to install an alarmed monitoring device when required by City	\$300
17.0(7)	Discharge or cause or allow the Discharge of emulsifier to an Interceptor	\$400
17.0(8)(a)	Discharge or cause or permit the Discharge of enzyme to an oil and grease Interceptor	\$400
17.0(8)(b)	Discharge or cause or permit the Discharge of bacteria to an oil and grease Interceptor	\$400
17.0(8)(c)	Discharge or cause or permit the Discharge of solvents to an oil and grease Interceptor	\$400
17.0(8)(d)	Discharge or cause or permit the Discharge of hot water to an oil and grease Interceptor	\$400
17.0(8)(e)	Discharge or cause or permit the Discharge of other agents to an oil and grease Interceptor to facilitate the passage of oil and grease	\$400
18.0(1)(a)	Failure to take all necessary measures, including an installation of <i>Sediment Interceptor</i> , to prevent discharging to a <i>Sanitary Sewer</i> in excess of the limits in Schedule "A" Table 1	\$400
18.0(1)(b)	Failure to take all necessary measures, including an installation of <i>Sediment Interceptor</i> , to prevent discharging to a <i>Storm Sewer</i> in excess of the limits in Schedule "A" Table 1	\$400

Section	Description	Fine Amount
18.0(2)	Failure to ensure all Sediment Interceptors are maintained in good working Order	\$400
18.0(2)(a)	Failure to ensure that all <i>Sediment Interceptors</i> are maintained in accordance with the manufacturer's guidance and recommendations	\$400
18.0(2)(b)	Failure to ensure that all <i>Sediment Interceptors</i> are inspected regularly to ensure performance is maintained to the manufacturer's specifications	\$400
18.0(3)	Failure to provide the maintenance schedule and record of maintenance for each Sediment Interceptor and /or keep it on Site for past 2 years	\$400
19.0(1)	Failure to install or cause to install a <i>Maintenance Access Hole</i> for each <i>Connection</i> to the <i>Sewage Works</i> for the purpose of inspection, sampling, maintenance, flushing, and measurement of the flow of <i>Discharges</i>	\$400
19.0(3)(a)	Failure to design and construct in accordance as per the <i>City's</i> Engineering Design Criteria and Standards	\$400
19.0(3)(b)	Failure to ensure a <i>Maintenance Access Hole</i> or an alternative device is accessible at any time to the <i>City</i> , with a clear pathway free of <i>Obstruction</i> s	\$400
19.0(3)(c)	Failure to ensure a <i>Maintenance Access Hole</i> or an alternative device is maintained by the <i>Discharger</i> in good working condition	\$400
20.0(1)	Unlawful construction or maintenance of any <i>Private Sewage Disposal</i> System	\$400
20.0(2)	Failure to install and maintain a private disposal system in compliance with all applicable acts, legislation, regulations and by-laws.	\$400
20.0(3)	Failure to operate and maintain the private Sewage disposal facilities in a sanitary manner at all times and at no expense to the City	\$400
21.0(1)	Connect, cause or permit to connect any <i>Private Sewer Connection</i> to any <i>Municipal Sewer Connection</i> without the written <i>Approval</i> of the <i>City</i> and compliance with the requirements of this By-law	\$400
21.0(2)	Construct or <i>Permit</i> a Sewer <i>Connection</i> to be constructed on a road allowance, <i>Easement</i> , or other public land without <i>City</i> authorization.	\$400
21.0(3)	Failure to operate and maintain the Private Sewage Disposal System facilities in a sanitary manner at all times and at no expense to the <i>City</i>	\$400
21.0(5)	Failure to submit an application and other documents, and to pay fees to disconnect and/or cap a <i>Municipal Sewer Connection</i> when a building or structure on a <i>Property</i> is demolished.	\$400
21.0(11)	Construction of a Sewer <i>Connection</i> without first obtaining the authorization from those <i>Property Owners</i> and a private <i>Easement</i> over the said <i>Properties</i>	\$400
21.0(14)	Construct, install, maintain, or cause or allow a direct or indirect Connection of any roof Water Leader into storm Drainage system	\$300
21.0(16)	Construct, install, or maintain a direct or indirect Connection of any Roof Water Leader into storm Drainage system without City's Approval	\$400
21.0(19)	Failure to maintain rear-yard catch basins, infiltration trenches/galleries, soakaway pits or other grassed swales located on private lands.	\$300
21.0(20)	Discharge to Storm Sewer that does not meet quantity and erosion requirements as per City-approved Engineering Design Criteria, or is not consistent with the approved watershed requirements, as provided by the City and other Approval agencies having jurisdiction.	\$400

Section	Description	Fine Amount
21.0(21)	Alteration of <i>Storm Water</i> control on the premises which increased design peak flow rates of <i>Storm Water</i> or impaired the quality of <i>Storm Water Discharge</i> d to a <i>Storm Sewer</i> .	\$300
21.0(23)	Make direct or indirect <i>Connection</i> between a <i>Groundwater Drainage</i> system and the private sanitary <i>Drainage</i> system	\$600
21.0(24)	Increase the design peak flow rates of <i>Storm Water</i> and/ or impair the quality of <i>Storm Water Discharge</i> d to a <i>Storm Sewer</i> .	\$300
21.0(26)	Temporary and/or permanent <i>Discharge</i> facilities not abiding by the <i>Approval</i> requirements in the <i>City</i> 's latest Engineering Design Criteria	\$400
22.0(1)	Failure to pay the applicable Sewage service fees	\$400
23.0(1)	Uncover, make any <i>Connection</i> with, open into, break, alter, damage, destroy, deface, or tamper or cause or allow the breaking, damaging, destroying, defacing, or tampering with any part of a <i>Sewage Works</i> or any permanent or temporary device installed in any part of the <i>Sewage Works</i>	\$400
23.0(2)	Discharger not ensuring Sewage, water or Storm Water conforms to the provisions of this By-law or failure to properly check and control such Discharge, including the cost of investigation, repairing or replacing any part of any municipal Sewage Works.	\$400
23.0(3)	Unauthorized entry into Sewage Works	\$400
23.0(4)	Remove or tamper with, or cause or permit the removal of or tampering with, any <i>Maintenance Access Hole</i> cover or other opening into the <i>Sewage Works</i>	\$400