

THE CORPORATION OF THE TOWNSHIP OF SOUTHGATE

BY-LAW NO. 2021-090

being a by-law to provide for the regulation of the Municipal Sanitary and Storm Sewage Systems in the Township of Southgate and for connected premises

Whereas section 8 of the *Municipal Act, 2001*, c. 25 (the Act) provides that a municipality has the capacity, rights, powers and privileges of a natural person for the purposes of exercising its authority under the Act; and

Whereas section 11 of the Act, a lower tier municipality may pass by-laws respecting matters within the sphere of jurisdiction of Public Utilities, and Public Utilities includes systems for sewage production, treatment, storage and distribution that are used to provide sewage services for the public; and

Whereas section 9(1) of the Act provides that sections 8 and 11 shall be interpreted broadly so as to confer broad authority on municipalities to enable them to govern their affairs as they consider appropriate and to enhance their ability to respond to municipal issues,

Now Therefore Be It Resolved That the Council of the Corporation of the Township of Southgate hereby enacts as follows:

INTRODUCTION

This by-law outlines controls for the discharge of pollutants and undesirable flows to the sewer systems. The objectives of the by-law are to:

- Protect the sewer collection system from corrosion, other damage and obstruction
- Protect the wastewater treatment process from upset
- Protect the public, municipal workers and property from hazardous conditions (such as explosions)
- Assist optimum wastewater system efficiency by preventing uncontaminated water from entering the system
- Protect wastewater sludge quality
- Protect the environment from contaminants that are not removed by the public treatment system(s)
- Assist the municipality in maintaining compliance with the operating conditions established by the Province of Ontario.

1. DEFINITIONS

As used in this by-law, the following terms shall have the meanings indicated:

"Acute Hazardous Waste Chemical" means a material defined as an acute hazardous waste chemical within the meaning of O. Reg. 347 as amended from time to time, made under the Environmental Protection Act (Ontario,

"Accredited Laboratory"

Any laboratory accredited by an authorized accreditation body in accordance with a standard based on "*CAN-P-1585: Requirements for the Accreditation of Environmental Testing Laboratories*" established by the Standards Council of Canada, as amended, or "*ISO/IEC/EN 17025: General Requirements for Competence of Calibration and Testing Laboratories*" established by the International Organization for Standardization, as amended.

"Biochemical Oxygen Demand (BOD)"

The five-day BOD which is the determination of the molecular oxygen utilized during a five-day incubation period for the biochemical degradation of organic material (carbonaceous demand), and the oxygen used to oxidize inorganic material such as sulphides and ferrous iron, and the amount of oxygen used to oxidize reduced forms of nitrogen (nitrogenous demand) as determined by the appropriate procedure in Standard Methods.

"Biomedical Waste"

Biomedical waste as defined in Ontario Regulation 309 as amended from time to time.

"Blowdown Water"

Recirculating 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 would or might impair the operation of the system.

"Building Code"

means the Building Code Act, 1992, SO. C.23, and any regulations made under that Act, as amended from time to time.

"Chemical Oxygen Demand (COD)

A measure of the capacity of water to consume oxygen as a result of oxidation of inorganic chemicals and decomposition of organic matter.

"Clear-Water Waste"

Includes non-contact cooling water and other water that has not come into contact with wastewater contaminant sources.

"Combustible Liquid"

A liquid that has a flash point not less than 37.8

"Commercial Waste Chemical"	<p>degrees Celsius, and not greater than 93.3 degrees Celsius.</p>
"Composite Sample"	<p>means a material which is a commercial waste chemical within the meaning of O. Reg. 347 made under the Environmental Protection Act, R.R.O. 1990, c.E.19 (EPA), as amended from time to time.</p>
"Connection or Drain"	<p>A volume of wastewater, storm water, uncontaminated water, clear-water or effluent made up of three or more grab samples that have been combined automatically or manually and taken at intervals during the sampling periods.</p>
"Connection or Drain"	<p>That part or those parts of any pipe or system of pipes leading directly to a wastewater works.</p>
"Cooling Water"	<p>Water that is used in a process for the purpose of removing heat and that has not, by design, come into contact with any raw material, intermediate product, waste product or finished product, but does not include blowdown water.</p>
"Dental Amalgam"	<p>A dental filling material consisting of an amalgam of mercury, silver and other materials such as copper, tin or zinc.</p>
"Dental Amalgam Separator"	<p>Any technology, or combination of technologies, designed to separate dental amalgam particles from dental operation wastewater.</p>
"Designated Sewer Officer"	<p>The person appointed by the Municipality, and his or her successors or his or her duly authorized representative for the purposes of this By Law, the designated Sewer Officer will be the Public Works Manager.</p>
"Domestic Wastewater"	<p>Waste produced on residential premises, or sanitary waste and wastewater associated with the use of water for drinking, cooking, cleaning, washing, hygiene, sanitation, or other domestic purposes from showers and restroom washbasins produced on a non-residential property.</p>
"Extra Strength"	<p>Refers to wastewater released to the sewer that is higher in concentration for one or more constituent concentrations set out in Schedule B</p>

	or containing constituents identified in Schedule B.
“Flow Monitoring Point”	An access place to the sewer service for the purpose of: <ol style="list-style-type: none"> 1) Measuring the rate or volume of wastewater, storm water, clear water waste or subsurface water released from the premises; and 2) Collecting representative samples of the wastewater, storm water, clear water waste or subsurface water released from the premises.
“Fuels”	Alcohol, gasoline, naphtha, diesel fuel, fuel oil or any other ignitable substance intended for use as a fuel.
“Grab Sample”	A volume of wastewater, storm water, uncontaminated water or effluent which is collected over a period not exceeding 15 minutes.
“Gravity Sewer”	means a conduit utilizing the energy resulting from a difference in elevation for the removal of sewage. The term gravity excludes sewage movement induced through force mains or vacuum sewers.
“Ground Water”	Water beneath the earth’s surface accumulating as a result of seepage.
“Hauled Waste”	Any industrial waste which is transported to and deposited into any location in the wastewater works, excluding hauled wastewater.
“Hauled Wastewater”	Waste removed from a wastewater system, including a cesspool, a septic tank system, a privy vault or privy pit, a chemical toilet, a portable toilet or a wastewater holding tank.
“Hazardous Industrial Waste”	means a hazardous industrial waste material as defined by the Environmental Protection Act (Ontario) R.R.O. 1990, Regulation 347 as amended, repealed or replaced from time to time.
“Hazardous Waste Chemical”	means a hazardous waste chemical material as

defined by the Environmental Protection Act (Ontario) R.R.O. 1990, Regulation 347 as amended, repealed or replaced from time to time.

“Hazardous Waste”

Any Hazardous Substance disposed of as waste.

“Ignitable Waste”

A substance that:

- A. Is a liquid, other than an aqueous solution containing less than 24 percent alcohol by volume and as a flash point less than 93 degrees Celsius, as determined by the Tag Closed Cup Tester ASTM D-56-97a), the Setaflash Closed Cup Tester (ASTM D-3828-97 or ASTM D-3278-96e1), the Pensky-Martens Closed Cup Tester (ASTM D-93-97), or as determined by an equivalent test method;
- B. Is a solid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical changes and, when ignited, burns so vigorously and persistently that it creates a danger;
- C. Is an ignitable compressed gas as defined in the regulations under the Ontario Regulation 309 as amended; or
- D. Is an oxidizing substance as defined in the regulations under the Ontario Regulation 309 as amended.

“Industrial”

Of or pertaining to manufacturing, commerce, trade, business or institutions as distinguished from domestic or residential.

“Industry”

Any owner or operator of industrial, commercial or institutional premises from which there is a discharge of any matter directly or indirectly into a sanitary sewer, combined sewer or storm sewer of the Municipality.

“Industrial Wastes”

means all water-carried wastes and wastewaters, excluding domestic wastewater and uncontaminated water, and shall include all

	wastewater from any producing, manufacturing, processing, institutional, commercial, agricultural or other operation where the wastewater discharged includes quantities of wastes of non-human origin.
"Inspector"	A person authorized by the Municipality to carry out observations and inspections and take samples as prescribed by this by-law.
"Institution"	A facility, usually owned by a government, operated for public purposes, such as schools, universities, medical facilities (hospitals, nursing stations, nursing homes), museums, prisons, government offices, military bases. Some of these facilities produce non-residential discharges to sewers from, for example, laboratories, chemical use, industrial processes.
"Matter"	Includes any solid, liquid or gas.
"Monitoring Access Point"	An access point, such as a chamber, in a private sewer connection to allow for observation, sampling and flow measurement of the wastewater, uncontaminated water or storm water therein.
"Municipality"	means the Municipality of the Township of Southgate.
"Municipal Sewer Connector"	That part of any drain leading from the private sewer connection and connected to the municipal sewer and located within the limits of the public road allowance, or other public lands or public land interests held for sewerage purposes.
"Multiple Municipal Sewer Connection"	A municipal sewer connection providing service to two or more premises.
"Non-Contact Cooling Water"	Water which is used to reduce temperature for the purpose of cooling, and which does not come into direct contact with any raw material, intermediate or finished product other than heat.
"Non-Domestic Wastewater"	All Wastewater except Domestic Wastewater, Storm Water, Uncontaminated Water, and Septic Tank Waste.

“Notice”	Township document notification directing action or something to be done or complied with in a specified time.
“Oil and Grease”	Hexane extractable matter as described in Standard Methods.
“Owner and Operator”	includes the registered owner of any property, land, premises, work, undertaking, or business, and their authorized representative(s) having the charge, management, or control over the property, land, premises, work, undertaking or business, and the occupant.
“Pathological Waste”	“pathological waste” means a pathological waste material as defined by O. Reg. 347 made under the Environmental Protection Act, R.R.O. 1990, c.E.19 (EPA), as amended, repealed or replaced from time to time, or any material designated in writing by the Medical Officer of Health for the Health Unit of the County.
“PCBs”	Any monochlorinated or polychlorinated biphenyl or any mixture of them or mixture that contains one or more of them.
“Person”	An individual, association, partnership, corporation, municipality or an agent or employee of such a person.
“Pesticide”	means a pesticide regulated under the Pesticides Act, R.S.O. 1990, c. P.11 as amended, repealed or replaced from time to time.
“pH”	means the logarithm to the base 10 of the reciprocal of the concentration of hydrogen ions in moles per litre of solution.
“Pollution Prevention”	The use of processes, practices, materials, products or energy that avoids or minimizes the creation of pollutants and wastes, at the source.
“Pretreatment”	The reduction, elimination or alteration of pollutants in wastewater prior to discharge into the sanitary sewer. This reduction or alteration can be obtained by physical, chemical, or biological processes, through pollution prevention, or by other means, except by diluting the concentration of the pollutants.

"Private Sewer Connection"

That part of any drain or system of drains, including drains or subsurface drainage pipe for surface or subsurface drainage of the land in or adjacent to a building, lying within the limits of the private lands and leading to a municipal sewer connection whose responsibility for maintenance is the property owner's.

"Private Building Drain"

means the part of lowest horizontal piping of a drainage system, in, or adjacent to, a building and which receives the sewage and conveys it to the private building sewer.

"Private Building Sewer"

means that part of a drainage system outside a building commencing at a point one meter from the outer face of the wall of the building and connecting the private building drain to the public sewer or place of disposal of sewage as per Building Code or as amended from time to time.

"Private Sanitary Sewer Force Main"

means pipelines that convey sewage under pressure from the private building to a "gravity sewer".

"Prohibited Waste"

means prohibited waste as defined in Schedule "A" to this by-law.

"Reactive Waste"

A substance that:

- A. Is normally unstable and readily undergoes violent changes without detonating;
- B. Reacts violently with water;
- C. Forms potentially explosive mixtures with water;
- D. When mixed with water, generates toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
- E. Is a cyanide or sulphide bearing waste which, when exposed to pH conditions between 2 and 12.5, can generate toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
- F. Is capable of detonation or explosive reaction if it is subjected

- G. to a strong initiating source or if heated under confinement;
- H. Is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure; or
- H. Is an explosive (Class 1) as defined in the regulations under Ontario Regulation 309 as amended.

“Reactive Waste”

means a material which is a reactive waste within the meaning of the Environmental Protection Act (Ontario) R.R.O. 1990, Regulation 347 as amended, repealed or replaced from time to time.

“Restricted Waste”

means restricted waste as defined in Schedule “B” to this by-law.

“Sanitary Sewer”

A sewer for the collection and transmission of domestic or industrial wastewater or any combination thereof.

“Sanitary Sewer Service”

means the sewer pipe between the property line and the sanitary sewer mainline.

“Sanitary Sewer Main”

means the sanitary sewage works excluding the Sanitary Sewer Service and the Wastewater Treatment Facility.

“Sanitary Sewage Works”

means any works for the collection, transmission, treatment and disposal of sewage, or any part of such works, but does not include plumbing to which the Building Code Act, 1992, S.O. 1992, c. 23 applies, as amended from time to time.

“Septic Tank Waste”

any Waste extracted from a cesspool, septic tank, sewage holding tank, seepage pit, interceptor or other containment for human excretion and wastes.

“Sewer”

A pipe, conduit, drain, open channel or ditch for the collection and transmission of wastewater, storm water or uncontaminated water, or any combination thereof.

“Spill”

A direct or indirect discharge into the wastewater works, storm sewer or the natural

environment which is abnormal in quantity or quality in light of all the circumstances of the discharge.

"Standard Methods"

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, recent or latest edition or approved in writing by the Designated Sewer Officer.

means a procedure set out in the most current edition, as of the date of testing, of Standard Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, American Water Works Association and Water Environment Federation, or a procedure approved by the Ontario Ministry of the Environment, Conservation and Parks as a standard method or the equivalent of a standard method.

"Storm Sewer Service"

means the sewer pipe between the property line and the storm sewer mainline.

"Storm Sewer"

A sewer for the collection and transmission of uncontaminated water, storm water, drainage from land or from a watercourse or any combination thereof but excluding, any portion of a sanitary sewer works.

"Storm Water"

The water running off the surface of a drainage area during and immediately after a period of rain or snow melt.

"Subsurface Drainage Pipe"

A pipe that is installed underground to intercept and convey subsurface water and includes foundation drainpipes.

"Subsurface Water"

Groundwater including foundation drain water.

"Total Suspended Solids (TSS)"

Insoluble matter in liquid that is removable by filtration, as determined by the appropriate procedure described in Standard Methods.

"Total PAHs"

The total of all of the following polycyclic aromatic hydrocarbons: Acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene,

	benzo(b)fluoranthene, benzo(g,h,i,)perylene, benzo(k)fluoranthene, chrysenes, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, methylnaphthalene, naphthalene, phenanthrene, pyrene.
"Toxic Substance"	any substance defined as toxic under the <i>Canadian Environmental Protection Act</i> 1999, as amended from time to time and within the meaning of Ontario Regulation 309 as amended from time to time.
"Uncontaminated Water"	Water with a level of quality which is typical of potable water normally supplied by the Municipality.
"Waste Disposal Site Leachate"	The liquid containing dissolved or suspended contaminants which emanates from waste (solid waste or garbage) and is produced by water percolating through waste or by liquid in waste.
"Waste Radioactive Substances"	Substances defined in the federal <i>Nuclear Safety and Control Act</i> and the regulations passed thereunder, as amended from time to time.
"Wastewater"	means the composite of water and water-carried wastes from residential, commercial, industrial or institutional premises or any other source.
"Wastewater Sludge"	Solid material recovered from the wastewater treatment process.
"Wastewater Treatment Facility"	means any structure or thing used for the physical, chemical, biological or radiological treatment of wastewater, and includes sludge treatment, wastewater sludge storage and disposal facilities.
"Wastewater Works"	Any works for the collection, transmission, treatment and disposal of wastewater, storm water or uncontaminated water, including a sanitary sewer or storm sewer, or any part of such works, but does not include plumbing or other works to which the applicable Building Code applies.
"Watercourse"	An open channel, ditch or depression, either natural or artificial, in which flow of water

occurs either continuously or intermittently.

2.0 REQUIREMENT TO CONNECT

2.1 Properties required to connect

Every Owner shall connect to the sanitary sewer main within the time period as specified in the Notice. The Township will permit one connection per lot. More than one connection must be approved by the Public Works Manager.

2.2 Failure to connect

2.2.1 Pursuant to Section 446 of the Municipal Act, 2001, if the Owner fails to make a connection required by a Notice within the time period specified, the Municipality may make the connection at the expense of the Owner and for this purpose may enter and upon the property subject to the requirements of Sections 435 -438 of the Municipal Act, 2001.

2.2.2 Pursuant to Section 446 of the Municipal Act, 2001, the costs of making such connection may be recovered by action or by adding the costs to the tax roll and collecting them in the same manner as property taxes and shall bear interest calculated at the same rate as overdue taxes, calculated for the period commencing on the day the municipality incurs the costs and ending on the day the costs, including the interest, are paid in full.

3.0 APPLICATION FOR SANITARY SEWAGE WORKS

3.1 Application and payment prior to installation

No Owner shall install, alter, or permit the installation or alteration, of a sanitary service pipe or connect, or permit the connection to a sanitary sewer main, without an approved Public Works Permit, except if said installation, alteration, or connection is authorized under a subdivision agreement.

3.2 Public Works Application

The Owner of lands that abut a sanitary sewer main, or their authorized agent, shall make application for such service on the Township's Public Works Permit Application, and shall pay the applicable fee(s) as set out in the Southgate User Fees and Service Charges By-law.

3.3 Frontage charges

Frontage charges apply to in-fill lots that are not in Development Charges or not part of a subdivision agreement. At the time of filing an application pursuant to section 3.1, the Township will advise the Owner if frontage charges apply to their premises. Payment of the frontage charges is required at the time of application for Public Works Permit.

3.4 Installation - easement required

No Owner shall install, or permit the installation of, any Sanitary Sewer Service over, or across the property of another owner unless a registered easement is obtained for such location, at the Owner's expense, and proof of such registered

easement is provided to the Township.

3.5 Contractor and construction standards

The Owner of the property shall, at their own expense, be responsible for hiring a competent contractor to undertake the work authorized in the Public Works Permit. A competent contractor shall have demonstrated the knowledge, experience, and ability to complete such work in accordance with all applicable construction standards and in a timely manner and shall be insured. The Township shall inspect the work completed on the Sanitary Sewer Service before signing off on completion of the Public Works Permit.

3.6 Private Sanitary Sewer/Forcemain Installation

The Owner of the property shall, with the written approval of the Public Works Manager at their own expense, be responsible for hiring a competent contractor to undertake the work authorized in the Public Works Permit from the building to the gravity sewer. A competent contractor shall have demonstrated the knowledge, experience, and ability to complete such work in accordance with all applicable construction standards and in a timely manner. Following installation, the Owner of the lands must provide a certificate from a registered professional engineer, experienced in such matters, certifying that the private sanitary sewer forcemain has been completed and tested and that its specifications and performance meet the requirements of the approved drawings and the design criteria.

3.7 Offence - install without permit

No Owner shall install or permit the installation of any sanitary sewage works that is not in compliance with the Township's Public Works Permit.

3.8 Service problems

3.8.1. The Owner will be held responsible for all costs required for repairs or cleaning of the Sanitary Sewer Service, where the damage to or blockage of the Sanitary Sewer Service is a result of a discharge into the Sanitary Sewer Service. In addition, the Owner will be held responsible to repair any damage to the portion of the Sanitary Sewer Service located between the building wall and the property line, except where the cause of the loss is located outside of the defined property line, the onus shall be on the Owner to provide evidence of this. Any consideration for reimbursement or repairs will be determined by the Public Works Manager or their designate.

3.8.2. For private sanitary sewer forcemain's the building Owner will be held responsible for all costs associated with the repairs and maintenance from the building to the gravity sewer, except where the cause of the damage is attributable to the Township, the onus shall be on the property owner to provide evidence of this. Any consideration for reimbursement or repairs will be determined by the Public Works Manager or their designate.

4. SANITARY SEWER REQUIREMENTS

4.1 Offence to Discharge

Health and safety, damaging No person shall discharge or deposit or cause or permit the discharge or deposit of matter of a kind, directly or indirectly, to any sanitary sewage works:

4.1.1 of any type or at any temperature or in any quantity which may be or may become a health or safety hazard to a sewage works employee;

4.1.2 which may be or may become harmful to a sanitary sewage works;

4.1.3 which may cause the sanitary sewage works effluent to contravene any requirement by or under the Ontario Water Resources Act, or the Environmental Protection Act;

4.1.4 which may interfere with the proper operation of a sanitary sewage works;

4.1.5 which may impair or interfere with any sewage treatment process; or

4.1.6 which is or may result in a hazard/damage to any person, animal, property, infrastructure or vegetation.

4.2 Offence to Discharge – Specified matter

Without limiting the generality of section 6.1, no person shall discharge or deposit or permit the discharge or deposit, directly or indirectly into any sanitary sewage works any of the following:

4.2.1 Solid or viscous substances in quantities or of such size as to be capable of causing obstruction to the sewage flow in a sanitary sewage works, including but not limited to ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, fibers, feathers, grease, tar, plastics, wood, garbage, animal guts or tissues, paunch manure, fats, greases, oils and whole blood;

4.2.2 Sewage that may cause an offensive odour to emanate from a sanitary sewage works, including but not limited to, hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia in such quantity that may cause an offensive odour;

4.2.3 Stormwater, water from drainage of roofs or land, water from a watercourse or uncontaminated water, sump pumps, subsurface perimeter drains, or surface water;

4.2.4 Water that has originated from a source separate from the water distribution system of the municipality, where municipal water distribution is not present, except with prior approval by way of a Public

Works Permit prior to the execution of this By-law. Permission may be granted if considered acceptable by the Public Works Manager and subject to payment by the owner of the sewer service rate set out in the Fees and Charges By-law for all water discharged to the sanitary sewage works;

(1) No person shall release, or permit the release of, any matter into the sanitary sewer system wastewater works except:

- (a) Domestic wastewater;
- (b) Non-domestic wastewater that complies with the requirements of this by-law;
- (c) Hauled wastewater, including septage, that complies with the requirements of this by-law, or where a Waste Discharge Permit has been issued by the Designated Sewer Officer;
- (d) Storm water, clear-water waste, subsurface water or other matter where a Waste Discharge Permit has been issued by the Designated Sewer Officer;
- (e) Extra Strength matter where an Extra Strength Surcharge Agreement is in place.

(2) No person shall release, or permit the release of, any prohibited substance listed in Schedule 'A' of this by-law.

(3) No person shall release, or permit the release of, any restricted substance which exceeds the respective concentrations listed in Schedule 'B' of this by-law into the wastewater works.

(4) If required by the Municipality, all non-domestic and hauled wastewater dischargers shall complete and submit **Form 1 "Abbreviated Discharger Information Report"** (Appendix A) to the Municipality.

(5) If required by the Municipality, non-domestic and hauled wastewater dischargers shall complete and submit **Form 2 "Complete Discharger Information Report"** (Appendix A) to the Municipality.

(6) If required by the Municipality, non-domestic and hauled wastewater dischargers shall not discharge to the sanitary sewer system until the discharger has obtained **Form 3 "Waste Discharge Permit"** (Appendix A) from the Designated Sewer Officer.

(7) The Designated Sewer Officer may issue, and amend, a Waste Discharge Permit to allow the discharge of non-domestic waste and hauled wastewater into a sewer upon such terms and conditions as the Designated Sewer Officer considers appropriate and, without limiting the generality of the foregoing, may in the Waste Discharge Permit:

- (a) Place limits and restrictions on the quantity, composition, frequency and nature of the waste permitted to be discharged;
- (b) Require the holder of a Waste Discharge Permit to repair, alter, remove, or add to works or construct new works; and

(c) Provide that the Waste Discharge Permit will expire on a specified date, or upon the occurrence of a specified event.

(8) The Designated Sewer Officer may issue a **Discharge Abatement Order** to:

- (a) Require a person to alter the quantity, composition, duration and timing of the discharge or cease discharge of non-domestic waste or hauled wastewater to a sewer or wastewater facility;
- (b) Include any terms or conditions that could be included in a Waste Discharge Permit; and
- (c) Shut down all non-compliant releases.

The Designated Sewer Officer may amend or cancel a Discharge Abatement Order.

5. STORM SEWER REQUIREMENTS

(1) No person shall discharge or deposit or cause or permit the discharge or deposit of matter of a kind listed below into or in land drainage works, private branch drains or connections to any storm sewer.

1. matter of any type or at any temperature or in any quantity which may:
 - (a) interfere with the proper operation of a storm sewer;
 - (b) obstruct a storm sewer or the flow therein;
 - (c) result in a hazard/damage to any person, animal, property, infrastructure or vegetation;
 - (d) impair the quality of the water in any well, lake, river, pond spring, stream, reservoir or other water or watercourse; or
 - (e) result in the contravention of an approval, requirement, direction or other order under the Ontario Resources Act or the Environmental Protection Act (Ontario) with respect to the storm sewer or its discharge; and
2. without limiting the generality of the foregoing, any of the following:
 - (a) water at a temperature greater than 40 degrees Celsius;
 - (b) water having a pH less than 6.0 or greater than 9.0;
 - (c) water containing more than 15 milligrams per litre of suspended solids;
 - (d) water containing dyes or colouring material which discolour the water;
 - (e) water containing solvent extractable matter of animal or vegetable origin or of mineral or synthetic origin more than 100 mg/l which causes a visible film, sheen or discolouration on the water surface;
 - (f) water containing any of the following in excess of the indicated concentrations:

200 micrograms / litre

Chromium expressed as Cr

50 micrograms / litre

Zinc expressed as Zn

Lead expressed as Pb

Nickel expressed as Ni

10 micrograms / litre

Copper expressed as Cu

1 microgram / litre

Cadmium expressed as Cd

Mercury expressed as Hg

200 per 100 millilitres

Fecal coliforms

(g) the following matter in any amount:

Sewage

Once-through cooling water

Blowdown

(h) the following materials in any amount:

Automotive or machine oils and greases

Fuels

Paints and Organic Solvents

PCBs

Pesticides

Severely Toxic Materials

Waste Disposal Site Leachate

Waste Radioactive Materials

(i) the following hazardous wastes in any amount:

Acute Hazardous Waste Chemicals

Hazardous Industrial Wastes

Hazardous Waste Chemicals

Ignitable Wastes

Pathological Wastes

PCB Wastes

Reactive Wastes

Pharmaceutical drugs of any nature

(2) Subclause 3(1) 2(g) does not apply to prevent the discharge of once-through cooling water or blowdown when,

- (a) the once-through cooling water or blowdown is being discharged pursuant to a certificate of approval or order relating to the premise under the Environmental Protection Act (Ontario) or the Ontario Water Resources Act which expressly allows the discharge;
- (b) the owner or operator of the premises has written approval from the municipality which expressly authorizes the discharge from the premises; and
- (c) a copy of the certificate of approval or order referred to in clause (a) has been provided to the municipality.

(3) The provisions of Clause 3(1) 2, apply only to (1) the discharge of stormwater runoff from industrial process areas to a storm sewer, and (2) to any stormwater

discharge to a storm sewer to which the matter prohibited by subsection 1 has been added for the purpose of disposing of the matter.

(4) The provisions of Subclauses 3(1) 2.(c), (d), (e), and (f) do not apply to prevent the discharge of stormwater runoff from industrial process areas to a storm sewer when,

- (a) the owner or operator of the premises has a certificate of approval or order relating to the premises under the Environmental Protection Act (Ontario) or the Ontario Water Resources Act which expressly allows the discharge, and a copy of the certificate of approval or order has been provided to the municipality; or
- (b) the owner or operator of the premises has written approval from the municipality for a Best Management Practices Plan (BMP).

6. PROHIBITION OF DILUTION

(1) No person shall discharge directly or indirectly or permit the discharge or deposit of wastewater into a sanitary sewer works where water has been added to the discharge for the purposes of dilution to achieve compliance with Schedule "A" or Schedule "B" of this by-law.

(2) No person shall discharge directly or indirectly or permit the discharge or deposit of matter into a storm sewer where water has been added to the discharge for the purposes of dilution to achieve compliance with Section 3 of this by-law.

7. SAMPLING

(1) Where sampling is required for the purposes of determining the concentration of constituents in the wastewater, storm water or uncontaminated water, the sample may:

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

(2) For the purpose of determining compliance with Schedule B or Section 3, discrete wastewater streams within premises may be sampled, at the discretion of the Designated Sewer Officer.

(3) Any single grab sample may be used to determine compliance with Schedules A and B or Section 3.

(4) All tests, measurements, analyses and examinations of wastewater, its characteristics or contents pursuant to this By-law shall be carried out in accordance with "Standard Methods" and be performed by a laboratory accredited for analysis of the particular substance(s) using a method which is within the laboratory's scope of accreditation or to the satisfaction of the Designated Sewer Officer as agreed in writing prior to sample analysis.

8. DISCHARGER SELF-MONITORING

(1) The discharger shall complete any monitoring or sampling of any discharge to a wastewater works as required by the Municipality and provide the results to the

Municipality in the form specified by the Municipality.

(2) The obligations set out in or arising out of 6(1) shall be completed at the expense of the discharger.

9. ADDITIONAL REQUIREMENTS

9.1 Food-Related Grease Interceptors

(1) Every owner or operator of a restaurant or other industrial, commercial or institutional premises where food is cooked, processed or prepared, for which the premises is connected directly or indirectly to a sanitary sewer, shall take all necessary measures to ensure that oil and grease are prevented from entering the sanitary sewer in excess of the provisions of this by-law. Grease interceptors shall not discharge to storm sewers.

(2) The owner or operator of the premises as set out in this Subsection shall install, operate, and properly maintain an oil and grease interceptor in any piping system at its premises that connects directly or indirectly to a sewer. The oil and grease interceptors shall be installed in compliance with the most current requirements of the applicable Building Code. The installation of the oil and grease interceptor shall meet the requirements of the Canadian Standards Association national standard CAN/CSA B-481.2, as amended.

(3) All oil and grease interceptors shall be maintained according to the manufacturer's recommendations. The testing, maintenance and performance of the interceptor shall meet the requirements of CAN/CSA B-481. Traps should be cleaned before the thickness of the organic material and solids residuals is greater than twenty-five percent of the available volume; cleaning frequency should not be less than every four weeks. Maintenance requirements should be posted in the workplace in proximity to the grease interceptor.

(4) A maintenance schedule and record of maintenance shall be available to the Designated Sewer Officer upon request for each interceptor installed.

(5) The owner or operator of the restaurant or other industrial, commercial or institutional premises where food is cooked, processed or prepared, shall, for two years, keep the document of proof for interceptor clean-out and oil and grease disposal.

(6) Emulsifiers shall not be discharged to the sewer system into interceptors. No person shall use enzymes, bacteria, solvents, hot water or other agents to facilitate the passage of Oil and Grease through a Grease Interceptor.

(7) In the case of failure to adequately maintain the grease interceptor

to the satisfaction of the Designated Sewer Officer, the Designated Sewer Officer may require an alarmed monitoring device to be installed, at the expense of the owner, in accordance with specifications of CAN/CSA B-481.

Garbage Grinders

9.1.1 No person shall install or operate any garbage grinding devices for domestic purposes, the effluent from which will discharge directly or indirectly into a storm, or sanitary sewage works.

9.1.2 In the case of industrial, commercial or institutional properties where garbage grinding devices are installed in accordance with the code Building Code, the effluent from such garbage grinding devices must comply with Sections 4.1, 4.2 and 4.3.

9.2 Vehicle and Equipment Service Oil and Grease Interceptors

(1) Every owner or operator of a vehicle or equipment service station, repair shop or garage or of an industrial, commercial or institutional premises or any other establishment where motor vehicles are repaired, lubricated or maintained and where the sanitary discharge is directly or indirectly connected to a sewer shall install an oil and grease interceptor designed to prevent motor oil and lubricating grease from passing into the sanitary-sewer in excess of the limits in this by-law.

(2) The owner or operator of the premises as set out in Subsection 7.2(1) shall install, operate, and properly maintain an oil and grease interceptor in any piping system at its premises that connects directly or indirectly to a sewer. The oil and grease interceptors shall be installed in compliance with the most current requirements of the applicable Building Code and be maintained as recommended by the Canadian Petroleum Products Institute (CPPI).

(3) All oil and grease interceptors and separators shall be maintained in good working order and according to the manufacturer's recommendations and shall be inspected regularly to ensure performance is maintained to the manufacturer's specifications for performance and inspected to ensure the surface oil and sediment levels do not exceed the recommended level.

(4) A maintenance schedule and record of maintenance shall be submitted to the Designated Sewer Officer annually for each oil and grease interceptor installed.

(5) The owner or operator of the premises as set out in Subsection 7.2(1), shall, for two years, keep the document of proof for interceptor clean-out and oil and grease disposal.

(6) Emulsifiers shall not be discharged to the sewer system into

interceptors. No person shall use enzymes, bacteria, solvents, hot water or other agents to facilitate the passage of oil and grease through an oil and grease interceptor.

(7) In the case of failure to adequately maintain the oil and grease interceptor to the satisfaction of the Designated Sewer Officer, the Designated Sewer Officer may require an alarmed monitoring device to be installed, at the expense of the owner.

9.3 Sediment Interceptors

(1) Every owner or operator of the premises from which sediment may directly or indirectly enter a sewer, including but not limited to premises using a ramp drain or area drain and vehicle wash establishments, shall take all necessary measures to ensure that such sediment is prevented from entering the drain or sewer in excess of the limits in this by-law.

(2) Catch basins installed on private property for the purposes of collecting storm water and carrying it into the storm sewers shall be equipped with an interceptor and the installation of these catch basins on private property shall comply with the Municipality's Standard Construction Specifications and Drawings, as they may be amended from time to time.

(3) All sediment interceptors shall be maintained in good working order and according to manufacturer's recommendations and shall be inspected regularly to ensure performance is maintained to the manufacturer's specifications for performance.

(4) The owner or operator of a premises as set out in Subsection 7.3(1), shall, for 2 years, keep documentation of interceptor clean-out and sediment disposal.

(5) A maintenance schedule and record of maintenance shall be submitted to the Designated Sewer Officer upon request for each sediment interceptor installed.

9.4 Dental Waste Amalgam Separator

Every person who owns or operates a dental practice shall comply with the Dentistry Act, 1991, S.O. 1991, c. 24, and the regulations made thereunder, as amended from time to time, for the management and disposal of amalgam waste.

(1) Every owner or operator of the premises from which dental amalgam may be discharged, which waste may directly or indirectly enter a sewer, shall install, operate and properly maintain dental amalgam separator(s) with at least 95% efficiency in amalgam weight and certified ISO 11143 – "Dental Equipment: Amalgam Separators", in any piping system at its premises that connects directly or indirectly to a sewer except where

the sole dental-related practice at the premises consists of one or more of the following specialties or type of practice:

- (a) Orthodontics and dentofacial orthopaedics;
- (b) Oral and maxillofacial surgery;
- (c) Oral medicine and pathology;
- (d) Periodontics; or
- (e) A dental practice consisting solely of visits by a mobile dental practitioner who prevents any dental amalgam from being released directly or indirectly to the wastewater works.

(2) Notwithstanding Subsection 7.4(1), any person operating a business from which dental waste amalgam is or could be discharged directly or indirectly to a sewer, at premises which are constructed or substantially renovated on or after the date that Section 7.4 comes into force, shall install, operate and properly maintain dental waste amalgam separator(s) in any piping system which is connected directly or indirectly to a sewer.

(3) Notwithstanding compliance with Subsection 7.4 (1) and 7.4 (2), all persons operating or carrying on the business of a dental practice shall comply with Schedule "A" and Schedule "B" of this by-law.

(4) All dental waste amalgam separators shall be maintained in good working order and according to the manufacturer's recommendations.

(5) A maintenance schedule and record of maintenance shall be submitted to the Designated Sewer Officer upon request for each dental amalgam separator installed.

(6) The operator of a dental clinic shall, for five years, keep the documents covering amalgam shipment.

10. HAULED WASTEWATER

(1) No person shall discharge hauled wastewater to the wastewater works unless:

- (a) The carrier of the hauled wastewater operating as a waste management system has certificate of approval or provisional certificate of approval issued under the Environment Protection Act (Ontario) or is exempt from the requirement to have a certificate or provisional certificate of approval;
- (b) A copy of the most recent certificate of approval or provisional certificate and any amendment is provided to the Municipality and
- (c) The carrier meets all conditions for discharge that are or may be set from time to time with respect to the haulage of wastewater by the Municipality.

(2) No person shall discharge or permit the discharge of hauled wastewater:

- (a) At a location other than a hauled wastewater discharge location approved by the Municipality.
- (b) Without a manifest, in a form approved by the Designated Sewer Officer, completed and signed by the carrier and deposited in an approved location at the time of discharge.

(c) Without the use of a discharge hose placed securely in the discharge portal at the approved location.

11. HAULED WASTE

(1) No person shall discharge hauled waste to the wastewater works unless:

- (a) The carrier of the hauled waste operating as a waste management system has a certificate of approval or provisional certificate of approval issued under the Environment Protection Act or is exempt from the requirement to have a certificate or provisional certificate of approval;
- (b) A copy of the most recent certificate or provisional certificate and any amendment of approval is provided to the Municipality;
- (c) Hauled waste meets the conditions set out in the Environment Protection Act, as amended from time to time; and
- (d) The carrier meets all conditions for discharge that are or may be set from time to time with respect to the haulage of waste by the Municipality.

(2) No person shall discharge or allow or cause hauled waste to be discharged into a Sewer, except at sites designated by the Designated Sewer Officer.

12. NON-CONTACT COOLING WATER

(1) The discharge of non-contact cooling water or uncontaminated water to a sanitary sewer from any residential property is prohibited. The discharge of non-contact cooling water or uncontaminated water to a sanitary sewer from industrial, commercial or institutional properties is permissible where:

- (a) In the case of a proposed building, no storm sewer exists adjacent to the building and no opportunity exists to discharge to yard drainage; or
- (b) In the case of an existing building, no storm connection exists to the building.

13. WATER ORIGINATING FROM A SOURCE OTHER THAN THE MUNICIPAL WATER SUPPLY

(1) The discharge of water originating from a source other than the Municipality water supply, including storm water or groundwater, directly or indirectly to a sanitary sewer works is prohibited, unless:

- (a) The discharge is in accordance with a Waste Discharge Permit; and
- (b) The discharge does not exceed the limits set out under Schedule B, with respect to biochemical oxygen demand, total phosphorus or total suspended solids; or
- (c) In the event the discharge does exceed the limits set out under Schedule B, with respect to any of biochemical oxygen demand, total phosphorus or total suspended solids, the discharge is in accordance with an Extra Strength Surcharge Agreement.

14. SPILLS

(1) In the event of a spill to a wastewater works and/or storm sewer works, the person responsible or the person having the charge, management and control of the

spill shall immediately notify and provide any requested information with regard to the spill to:

- (a) If there is any immediate danger to human health and/or safety
 - (i) Spills Action Centre (1-800-268-6060)
 - or,
 - (b) If there is no immediate danger:
 - (i) the Township of Southgate by contacting the Designated Sewer Officer, and
 - (ii) the owner of the premises where the release occurred, and
 - (iii) any other person whom the person reporting knows or ought to know may be directly affected by the release.

(2) The person shall provide a detailed report on the spill to the Municipality, within five working days after the spill, containing the following information to the best of his or her knowledge:

- (a) Location where spill occurred;
- (b) Name and telephone number of the person who reported the spill and the location and time where they can be contacted;
- (c) Date and time of spill;
- (d) Material spilled;
- (e) Characteristics and composition of material spilled;
- (f) Volume of material spilled;
- (g) Duration of spill event;
- (h) Work completed and any work still in progress in the mitigation of the spill;
- (i) Preventive actions being taken to ensure a similar spill does not occur again; and
- (j) Copies of applicable spill prevention and spill response plans.

(3) The person responsible for the spill and the person having the charge, management and control of the spill shall do everything reasonably possible to contain the spill, protect the health and safety of citizens, minimize damage to property, protect the environment, clean up the spill and contaminated residue and restore the affected area to its condition prior to the spill.

(4) Nothing in this By-law relieves any persons from complying with any notification or reporting provisions of:

- (a) Other government agencies, including federal and provincial agencies, as required and appropriate for the material and circumstances of the spill;
- or,
- (b) Any other By-law of the Municipality.

(5) The Municipality may invoice the person responsible for the spill to recover costs of time, materials and services arising as a result of the spill. The person responsible for the spill shall pay the costs invoiced.

(6) The Municipality may require the person responsible for the spill to prepare and submit a spill contingency plan to the Municipality to indicate how risk of future incidents will be reduced and how future incidents will be addressed.

15. SEWER CONNECTIONS

15. (1) The Owner or Operator of a building which has a Rain Water Leader, Storm Water Leader and/or Ground Water Drainage System shall not connect or permit the Rain Water Leader, Storm Water Leader or Ground Water Drainage System to be connected, either directly or indirectly, to the Sanitary Sewer Connection, and shall instead conduct the Storm Water or Ground Water away from the building in such a way that the Storm Water and Ground Water will not accumulate at or near the building and will not adversely affect adjacent properties. Alternatively, Storm Water and Ground Water discharge can be connected to the storm service where available to the property.

(2) For the purposes of this section:

(a) "directly" means by any physical Connection or series of Connections between the Rain Water Leader, Storm Water Leader or Ground Water Drainage System and the Sanitary Sewer system; and

(b) "indirectly" means in any manner whatsoever whereby Storm Water or Ground Water enters the Sewage Works, and for greater certainty includes any situation where open joints in underground Sewer Connections on private property permit Storm Water or Ground Water to infiltrate the Sewage Works. This includes sump pumps.

(3) An Owner or Operator of a premise may request an inspection by the Township, at the cost of the Owner or Operator, by means of a dye test or closed circuit television inspection of any existing Sewer Connection.

(4) No direct or indirect interconnection between a private storm drain system and a Sanitary Sewer is permitted.

(5) The Ground Water Drainage System of every premise shall be installed and maintained by the Owner or Operator of the premise, at his /her/its sole expense.

(6) No Person shall construct, install or maintain, or cause or permit to be constructed, installed or maintained, drainage from any Rain Water Leader or Downspout that conveys Storm Water from a new free-standing building directly or indirectly to a Sanitary Sewer for the purpose of Storm Water drainage. Storm Water shall be discharged at a grade away from the building in such a manner that the Storm Water shall not accumulate at or near the building and shall not adversely affect adjacent properties. The Building code requires rain water leaders to be connected to the storm sewer, grade, or ditch where available.

Sanitary Sewer Back-ups /Blockages

If a property connection is experiencing a sanitary sewer back-up or blockage the following procedure is to be followed:

1. Do not flush toilets or use drains until the sewer backup has been resolved.
2. Notify the Township as soon as possible

3. Township staff will investigate upstream and downstream sanitary sewer main line manholes for observations of water levels and debris. If this is the case, the Township will initialize flushing operations of the sewer main line.
4. If the sewer main line is clear and flowing as normal, the property owner will be responsible to contact a plumber. Call before you dig! Call Ontario One Call at 1-800-400-2255 to locate buried natural gas infrastructure, before snaking or rodding a sewer lateral is required.
5. If it is determined that the blockage is in the portion of the sanitary service located on private property, then the property owner is responsible to address the problem at their cost.
6. If the blockage is deemed to be on Township property, by way of measurement or video, the Township will be responsible for all costs of repair.
7. The property owner is responsible at their own cost, for all maintenance associated with their sewer lateral. Regular maintenance is strongly recommended in order to maintain a properly functioning sewer lateral. Grease removal, flushing of a slow running sewer lateral and removal/cutting of infiltrating tree roots are examples of regular maintenance.

16. AUTHORITY OF DESIGNATED SEWER OFFICER TO INVESTIGATE

(1) The Designated Sewer Officer has the authority to carry out any inspection reasonably required to ensure compliance with this by-law, including but not limited to:

- (a) Inspecting, observing, sampling and measuring the flow in any private
 - (i) drainage system,
 - (ii) wastewater disposal system,
 - (iii) storm water management facility, and
 - (iv) flow monitoring point;
- (b) Determine water consumption by reading water meters;
- (c) Test flow measuring devices;
- (d) Take samples of wastewater, storm water, clear-water waste and subsurface water being released from the premises or flowing within a private drainage system;
- (e) Perform on-site testing of the wastewater, storm water, clear-water waste and subsurface water within or being released from private drainage systems, pretreatment facilities and storm water management facilities;
- (f) Collect and analyze samples of hauled wastewater coming to a discharge location;
- (g) Make inspections of the types and quantities of chemicals being handled or used on the premises in relation to possible release to a drainage system or watercourse;
- (h) Require information from any person concerning a matter;
- (i) Inspect and copy documents or remove documents from premises to make copies;
- (j) Inspect chemical storage areas and spill containment facilities and request

Material Safety Data Sheets (MSDS) for materials stored or used on site; (k) Inspect the premises where a release of prohibited or restricted wastes or of water containing prohibited or restricted wastes has been made or is suspected of having been made, and to sample any or all matter that in his/her opinion could have been part of the release.

(2) No person shall hinder or prevent the Designated Sewer Officer from carrying out any of his/ her powers or duties.

16.1 Responsibility for enforcement

Municipal By-Law Enforcement Officers appointed by the Township are authorized to enforce the provisions of this By-law.

16.2 Power to inspect and take samples

In accordance with section 87 of the Municipal Act, 2001, and in accordance with Part 12 of this By-law, the municipality may enter on land, at reasonable times, to inspect the discharge of any matter into the sanitary sewage works of the municipality or into any other sewage system the contents of which ultimately empty into the municipal sanitary sewage works and may conduct tests and take samples for this purpose.

16.3 Power of entry re-inspection

Pursuant to section 435 and 436 of the Municipal Act, 2001 any employee, officer or agent of the municipality or a member of the police force of the municipality, may without notice, and upon producing proper identification upon request, enter on land at any reasonable time for the purpose of carrying out an inspection, to determine whether this By-law, a direction or order of the municipality made under this by-law, a condition of a permit issued under this By-law , or an order made under Section 431 of the Municipal Act, is being complied with. The person exercising the power may be accompanied by a person under his or her direction.

16.4 Power of entry – pursuant to an order

Where an employee, officer or agent of the municipality has made a reasonable attempt to obtain the occupier's consent to conduct an inspection and has been unable to exercise the powers of inspection under the authority of section 16.2 or 16.3, the municipality may, pursuant to section 438 of the Municipal Act, 2001 obtain an order authorizing the municipality to enter on land for the purpose of carrying out an inspection.

16.5 Power of entry – dwelling unit

Despite section 13.2, a person exercising a power of entry on behalf of the municipality under this By-law shall not enter or remain in any room or place actually being used as a dwelling unless:

16.5.1 the consent of the occupier is obtained, the occupier first having been informed that the right of entry may be refused and, if refused, may only be made under the authority of an order issued under section 438, a warrant issued under section 439 or a warrant under section 386.3 of the Municipal Act, 2001;

16.5.2 an order issued under section 438 of the Municipal Act, 2001 is obtained;

16.5.3 a warrant issued under section 439 of the Municipal Act, 2001 is obtained;

16.5.4 a warrant issued under section 386.3 of the Municipal Act, 2001 is obtained;

16.5.5 the delay necessary to obtain an order under section 438, to obtain a warrant under section 439 or to obtain the consent of the occupier would result in an immediate danger to the health or safety of any person.

16.6 Order to discontinue

Pursuant to section 444 of the Municipal Act, 2001, where the municipality is satisfied that a contravention of this By-law has occurred, the municipality may make an order requiring the person who contravened the by-law or who caused or permitted the contravention or the owner or occupier of the land on which the contravention occurred to discontinue the contravening activity. The order shall set out,

16.6.1 reasonable particulars of the contravention adequate to identify the contravention and the location of the land on which the contravention occurred; and

16.6.2 the date by which there must be compliance with the order.

16.7 Work order

Pursuant to section 445 of the Municipal Act, 2001, where the municipality is satisfied that a contravention of this By-law has occurred, the municipality may make an order requiring the person who contravened the by-law or who caused or permitted the contravention or the owner or occupier of the land on which the contravention occurred to do work to correct the contravention. An order may require work to be done even though the facts which constitute the contravention of the by-law were present before the by-law making them a contravention came into force. The order shall set out:

16.7.1 reasonable particulars of the contravention adequate to identify the contravention and the location of the land on which the contravention occurred; and

16.7.2 the work to be done and the date by which the work must be done.

16.8 Remedial action

Pursuant to section 446 of the Municipal Act, 2001, where the municipality has the authority under this By-law or under any Act to direct or require a person to do a matter or thing, in default of it being done by the person directed or

required to do it, the municipality may enter upon land at any reasonable time, to perform the work at the person's expense and may recover the costs from the person directed or required to do it, by action or by adding the costs to the tax roll.

17. DISCONNECTION OF SEWER

(1) Where wastewater which:

- (a) Is hazardous or creates an immediate danger to any person;
- (b) Endangers or interferes with the operation of the wastewater collection system; or
- (c) Causes or is capable of causing an adverse effect;

is discharged to the wastewater collection system, the Designated Sewer Officer may, in addition to any other remedy available, disconnect, plug or seal off the sewer line discharging the unacceptable wastewater into the wastewater collection system or take such other action as is necessary to prevent such wastewater from entering the wastewater collection system.

(2) The wastewater may be prevented from being discharged into the wastewater collection system until evidence satisfactory to the Designated Sewer Officer has been produced to assure that no further discharge of hazardous wastewater will be made to the wastewater collection system.

(3) Where Public Works Manager takes action pursuant to subsection (1), the Designated Sewer Officer may by notice in writing advise the owner or occupier of the premises from which the wastewater was being discharged, of the cost of taking such action and the owner or occupier, as the case may be, shall forthwith reimburse the Township for all such costs which were incurred.

18. OFFENCES

(1) Every person other than a corporation who contravenes any provision of this by-law is guilty of an offence and on conviction is liable, for every day or part thereof upon which such offence occurs or continues, to a fine of not more than \$25,000 for a first offence and \$100,000 for a second offence.

(2) Every corporation that contravenes any provision of this by-law is guilty of an offence and on conviction is liable, for every day or part thereof upon which such offence occurs or continues, to a fine of not more than \$250,000 for a first offence and not more than \$500,000 for a second offence.

19. ACCESS TO INFORMATION

(1) All information submitted to and collected by the Municipality that is contained in plan summaries, reports, surveys, monitoring and inspection and sampling activities will, except as otherwise provided in this section, be available for disclosure to the public in accordance with the Freedom of Information and Protection of Privacy Act (Ontario).

(2) In the event that any person in submitting information to the Municipality, as

required under this article, where such information is confidential or proprietary or otherwise, may be exempt from disclosure under the Freedom of Information and Protection of Privacy Act (Ontario), the person submitting the information shall so identify that information upon its submission to the Municipality or the Municipality and where such information is confidential or proprietary or otherwise, may be exempt from disclosure.

(3) The Designated Sewer Officer shall have access to information contained in the Certificate of Approval (or Environmental Compliance Approval (ECA)) of any wastewater dischargers to the Municipal sewer system.

20. HINDER/OBSTRUCT OFFICER

No person shall hinder or otherwise obstruct, nor attempt to hinder or obstruct, either directly or indirectly, an Officer, employee and/or agent of the Municipality in the lawful exercise of a power or duty under this by-law.

21. REPEAL PREVIOUS BY-LAW

This By-law when placed into force repeals By-law 13-2011.

22. SEVERABILITY

It is hereby declared that each and every of the foregoing provisions of this by- law is severable and that if any provisions of this by-law should, for any reason, be declared invalid by any Court, it is the intention and desire of this Council that each and every of the then remaining provisions hereof shall remain in full force and effect.

23. SHORT TITLE

This by-law shall be referred to as the "Township of Southgate Sewer Use By-law."

24. EFFECTIVE DATE

This By-law shall come into force and effect on the day of its passing thereof.

Read a first, second, and third time and finally passed this 16th day of June 2021.

John Woodbury – Mayor

Lindsey Green - Clerk

Township of Southgate Sewer Use By-law
SCHEDULE "A" PROHIBITED WASTES

A. No person shall discharge directly or indirectly or deposit or cause or permit the discharge or deposit of wastewater into a sanitary sewer, municipal or private sewer connection to any sanitary sewer works in circumstances where:

(1) To do so may cause or result in:

- (a) A health or safety hazard to a person authorized by the Municipality to inspect, operate, maintain, repair or otherwise work on a wastewater works;
- (b) An offence under the Environmental Protection Act (Ontario) as amended from time to time, or any regulation made thereunder from time to time;
- (c) Wastewater sludge from the wastewater treatment facility works to which either wastewater discharges, directly or indirectly, to fail to meet the objectives and criteria as listed in the Environmental Protection Act (Ontario) as amended from time to time;
- (d) Interference with the operation or maintenance of a wastewater works, or which may impair or interfere with any wastewater treatment process;
- (e) A hazard/damage to any person, animal, property, infrastructure or vegetation;
- (f) An offensive odour to emanate from wastewater works, and without limiting the generality of the foregoing, wastewater containing hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia in such quantity as may cause an offensive odour;
- (g) Damage to wastewater works;
- (h) An obstruction or restriction to the flow in wastewater works.

(2) The wastewater has two or more separate liquid layers.

(3) The wastewater contains:

- (a) Hazardous substances;
- (b) Combustible liquid;
- (c) Biomedical waste, including any of the following categories: human anatomical waste, animal waste, untreated microbiological waste, waste sharps and untreated human blood and body fluids known to contain viruses and agents listed in "Risk Group4" as defined in "Laboratory Biosafety Guidelines" published by Health Canada, dated, 2004, as amended.
- (d) Specified risk material for bovine spongiform encephalopathy as defined in the federal Fertilizers Regulations (C.R.C., c. 666), as amended from time to time, including material from the skull, brain, trigeminal ganglia, eyes, tonsils, spinal cord and dorsal root ganglia of cattle aged 30 months or older, or material from the distal ileum of cattle of all ages.
- (e) Dyes or colouring materials which may or could pass through a wastewater works and discolour the wastewater works effluent;
- (f) Fuel;
- (g) Ignitable waste.
- (h) Pathological waste.
- (i) PCBs.
- (j) Pesticides which are not otherwise regulated in this by-law.

- (k) Reactive waste.
- (l) Toxic substances which are not otherwise regulated in this By-law.
- (m) Waste radioactive substances in excess of concentrations greater than those specified for release to the environment under the *Nuclear Safety and Control Act* and Regulations or amended versions thereof.
- (n) Solid or viscous substances in quantities or of such size to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, bones, cinders, sand, mud, soil, straw, shaving, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, animal parts or tissues, and paunch manure.

(4) The wastewater contains a concentration, expressed in milligrams per litre, in excess of any one or more of the limits in Schedule "B" of this By-law, unless:

- (a) The discharge is in accordance with a valid Sanitary Discharge Agreement, Extra Strength Surcharge Agreement or compliance program;
- (b) The discharge is authorized in a Code of Practice approved by the Municipality;
- (c) All requirements of Section 7 Additional Requirements have been fully satisfied.

Township of Southgate Sewer Use By-law
SCHEDULE "B" RESTRICTED WASTES
SANITARY SEWER DISCHARGES

Table A - CONVENTIONAL CONTAMINANTS and PHYSICAL PARAMETERS

Substance	Concentration Limit- [mg/L, except as noted]
Biochemical Oxygen Demand	300
Chemical Oxygen Demand	600
Oil and grease - animal and vegetable	150
Oil and grease - mineral and synthetic/ hydrocarbon	15
Total Suspended Solids	300
pH	6.0 - 10.5 (unitless)
Temperature	60 Degrees Celsius

Table B - ORGANIC CONTAMINANTS

Substance	Concentration Limit- [mg/L, except as noted]
Benzene	0.01
Chloroform	0.04
Dichlorobenzene (1,2-)	0.05
Dichlorobenzene (1,4)	0.08
Ethylbenzene	0.06
Hexachlorobenzene	0.0001
Methylene chloride (dichloromethane)	0.09
PCBs (chlorobiphenyls)	0.004
Phenols, Total (or Phenolic compounds)	0.1
Tetrachloroethane (1,1,2,2 -)	0.06
Tetrachloroethylene	0.06
Toluene	0.02
Trichloroethylene	0.05
Xylenes, total	0.3

Table C - INORGANIC CONTAMINANTS

Substance	Concentration Limit- [mg/L, except as noted]
Arsenic, total	1.0
Cadmium, total	0.7
Chromium, total	3.0
Cobalt, total	5.0

Copper, total	2.0
Cyanide, total	1.2
Lead, total	3.0
Mercury	0.10
Molybdenum, total	5.0
Nickel, total	2.0
Nitrogen, Total Kjeldahl	50
Phosphorus, total	10
Selenium, total	2.0
Silver, total	1.0
Sulphide (as H ₂ S)	1.0
Zinc, total	0.0

Township of Southgate Sewer Use By-law
APPENDIX "A"
DISCHARGE APPLICATION
AND DISCHARGE PERMIT FORMS

Form #1 Abbreviated Discharger Information Report
The Municipality of the Township of Southgate Sewer Use Program

The completion of this form is required by all dischargers to sewage works under By-law 2021-090 addressing sewer use in the Municipality of the Township of Southgate.

**If you have any questions on the form, please call 519-923-2110

The completed form is to be forwarded to:

Attention: Designated Sewer Officer, Municipality of the Township of Southgate,
185667 Grey Road 9, Dundalk, Ontario N0C 1B0

Please print clearly while completing the form.

The Abbreviated Discharger Information Report	
1	Name of Company
2	Address of Company Phone: Fax:
3.	Owner of property (if different from Company listed above) Phone: Fax:
4	Brief Description of Product or Service
5	Brief Description of the Process(es) used in the Manufacturing or Servicing

6	'Are there' or 'Will there be' any of the following wastewater discharges from the description as provided in #5?	
	Process wastewater	Yes / No
	Non-contact cooling water	Yes / No
	Other sources of wastewater (other than sanitary)	Yes / No
	(if yes, brief description)	
7	Does the site have any existing connections to the following sewers?	
	sanitary	Yes / No
	storm	Yes / No
8	Location of Process units? covered	Inside / Outside / Outside but
	Storage of raw materials?	Inside / Outside / Outside but covered
	Storage of intermediate products? covered	Inside / Outside / Outside but
	Storage of final products?	Inside / Outside / Outside but covered
9	Does the site have any of the following programs in place to address discharges to the sewer system?	
	Pollution Prevention	Yes / No
	Best Management Plan	Yes / No
	Environmental Management System	Yes / No
	Other program / practices	Yes / No
	Date form completed: Name and Title of Company Representative:	
	Signature of Authorized Company Representative	
	Note: Completion of the "Complete Discharger Information Report" may be required based on this report and/or subsequent verification of the site by the Municipality.	
	For Municipality use only - date completed form received:	

Form #2 Detailed Discharger Information Report

The Municipality of the Township of Southgate Sewer Use Program

The completion of this form by dischargers to the sewage works is required under certain circumstances by By-law 2021-090 addressing sewer use in the Municipality of the Township of Southgate.

**If you have any questions on the form, please call 519-923-2110

The completed form is to be forwarded to:

Attention: Designated Sewer Officer, the Municipality of the Township of Southgate,
185667 Grey Road 9, Dundalk, Ontario N0C 1B0

Please note the following:

Print clearly while completing the form.

Additional information and attachments - are required.

Indicate what material has been attached to ensure that the municipality is aware of all the information provided.

6	<p>Description of the Process(es) used in the Manufacturing or Servicing</p> <p>Include characteristics such as Batch (how many per time period), Continuous, or Both (explanation to be provided), Seasonal Production Cycles, Specific Clean-up Periods and Clean-up Activities, Production Rates</p>
7	<p>Average Daily Water Use and Sources</p> <p>Municipal Supply Yes / No _____ m³/day Estimated or Measured Surface Water** Yes / No _____ m³/day Estimated or Measured Groundwater* Yes / No _____ m³/day Estimated or Measured Other sources** Yes / No _____ m³/day Estimated or Measured</p> <p>If flow rate varies significantly provide peak flow rates per day and month and explanation.</p> <p>* Provide copy of the Permit to Take Water [or other documentation per relevant jurisdictional requirements]</p> <p>** If 'Yes' - provide explanation as an attachment.</p>
8	<p>Discharge Points from Site</p> <p>List all liquid effluent discharge points from the site and average daily flow for each point in cubic metres per day of sanitary, noncontact cooling water, process wastewater, contact cooling water and other discharge water to the sanitary sewer, combined sewer, storm sewer, groundwater, surface water, evaporation losses (if applicable), and percent of water in final manufactured product (if significant and applicable to the site).</p> <p>For example: process wastewater from manufacturing line to sanitary sewer at an average daily flow of 200 m³/day (measured)</p>
9	<p>Known Characteristics of Discharges</p> <p>Provide existing data on the chemical composition and constituent concentrations of the discharges listed above in #8</p>
10	<p>Physical Layout</p> <p><input type="checkbox"/> Provide sketch of property (to scale or approximate) showing buildings, pretreatment works, property boundaries, effluent lines, and connections to sanitary, combined and storm sewers.</p> <p><input type="checkbox"/> Please identify sewers as listed on the Parameter Information Form as completed above.</p> <p><input type="checkbox"/> Layout may be attached as separate document - leave note to indicate submission with this form.</p> <p><input type="checkbox"/> A flow diagram of the site flows/processes is also required.</p>

11	<p>Generation Registration Information</p> <p>Provide any Generator Registration Numbers that the site under the requirements of the governing jurisdiction [Note to By-law Author: for example, <i>Ontario Regulation 347 under the Environmental Protection Act</i>]</p>										
12	<p>Extra Strength Surcharge Agreements (ESSA)</p> <p>Does the site have an existing ESSA with the Municipality? Yes / No</p> <p>Did the site previously have an ESSA with the Municipality? Yes / No</p> <p>If yes, to either question – Attach a copy of each agreement to this form.</p>										
13	<p>Pretreatment of Discharges Prior to Discharge</p> <p>Does the site have any pretreatment systems for process effluents prior to discharge to the sewer system? Yes / No</p> <p>If yes – attach copy of each to the form and explanation for implementation.</p>										
14	<p>Does the site have any of the following programs addressing discharges to the sewer system in place?</p> <table> <tr> <td>Pollution Prevention</td> <td>Yes / No</td> </tr> <tr> <td>Best Management Plan</td> <td>Yes / No</td> </tr> <tr> <td>Environmental Management System</td> <td>Yes / No</td> </tr> <tr> <td>Water Conservation</td> <td>Yes / No</td> </tr> <tr> <td>Other program / practices</td> <td>Yes / No</td> </tr> </table> <p>If yes - attach copy of each to the form and explanation for implementation.</p>	Pollution Prevention	Yes / No	Best Management Plan	Yes / No	Environmental Management System	Yes / No	Water Conservation	Yes / No	Other program / practices	Yes / No
Pollution Prevention	Yes / No										
Best Management Plan	Yes / No										
Environmental Management System	Yes / No										
Water Conservation	Yes / No										
Other program / practices	Yes / No										
<p>Date form completed:</p> <p>Name and Title of Company Representative:</p>											
<p>Signature of Authorized Company Representative:</p> <p>The information submitted in this form may subject to verification by the municipality:</p>											
<p>For Municipality use only Date completed form received:</p> <p>Date information verified/approved:</p>											

Form #3 Municipality of the Township of Southgate Waste Discharge Permit

Under the provisions of the Municipality of the Township of Southgate Sewer Use By-law No. 2021-090, _____ hereinafter referred to as the Permittee, is authorized to discharge Non-Domestic Waste to the Sanitary located at _____.

This Waste Discharge Permit, hereinafter referred to as the "Permit", has been issued under the terms and conditions, including definitions, prescribed in the Municipality of the Township of Southgate Sewer Use By-law 2021-090 hereinafter referred to as the "By-law".

This Permit sets out the standard conditions, engineering units, and the requirements for emergency procedures.

A. STANDARD CONDITIONS

1. Except as otherwise provided in this Permit, all terms and conditions stipulated in the By-law shall apply to this Permit.
2. The terms and conditions of this Permit may be amended by the Municipality pursuant to the By-law.

B. MAINTENANCE AND OPERATION OF WORKS AND PROCEDURES

Wastewater control works and procedures associated with maintaining the discharge criteria and/or the monitoring requirements specified in the Permit shall be employed at all times during the discharge of industrial/commercial wastes to sewer. All such works and procedures shall be inspected regularly and maintained in good working condition.

C. EMERGENCY PROCEDURES

In the event of an emergency or condition which prevents the continuing operation of any wastewater works or procedures designated by this Permit or results or may result in a violation of any discharge criteria specified in this Permit, the Permittee shall notify the Municipality at 519-378-3777 (24 hours) at the first available opportunity and shall undertake appropriate remedial action as soon as possible.

D. BY-PASSES

The discharge of wastes which by-pass any wastewater works, or which are not in accordance with procedures designated by the Permit, is prohibited unless prior approval of the Municipality is obtained and confirmed in writing.

E. DISCHARGE MONITORING

1. Discharge measurement, sampling, analysis, and reporting shall be undertaken by the Permittee when required by the Designated Sewer Officer. The Designated Sewer Officer may also undertake audit sampling, at the Designated Sewer Officer's discretion.

F. pH MONITORING

Enforcement of pH levels, as listed in this Permit, shall be based on grab samples. The Permittee should be aware that pH levels measured in a Composite Sample [if required] will provide an average pH of the waste stream and will not indicate the total range of pH in the effluent. The Permittee is encouraged to do periodic grab sample pH analyses to ensure permit compliance.

G. DISCHARGE SAMPLING AND ANALYSES

The Permittee shall carry out the following sampling and analysis program, to commence on _____.

1. Continuous Discharges

(a) Effective _____, the Permittee shall measure or estimate, using an approved flow monitoring device(s) or method(s), the daily discharge for each sampling location during each month of operation. The following information shall be recorded for each sampling location:

Total flow for the month (m³)
Number of operating days during the month
Average daily flow for the month (m³/day)
Maximum daily flow for the month (m³/day)

2. Continuous and Batch Discharges

(a) Composite Samples – A 24 hour [if facility operates 24 hours per day] or 8 hour [if facility operates 8 hours per day] composite sample shall be taken by the discharger using sampling equipment installed in the monitoring access point(s), or other sample point(s) approved by the Designated Sewer Officer at the following frequency: _____. The Discharge flow for the periods that the Composite Sample(s) [if required] are collected shall be recorded. *[If the Industry does not have a composite sampler or samplers available to be installed in the monitoring access point(s), the Municipality will use its own composite sampling equipment to collect required samples and may recover costs of sample collection from the Industry.]*

Composite Sample(s) shall be analyzed for the following parameters:

[insert parameters]

(b) One grab sample shall be collected from each monitoring access point(s), or other sample point(s) approved by the Designated Sewer Officer during normal facility operating hours, and at the time of day approved by the Designated Sewer Officer, at the following frequency: _____. The sample date and time shall be recorded.

Grab Sample(s) shall be analyzed for the following parameters:

[insert parameters]

3. Sample Analysis

All sampling, measurements, tests and analyses of waste discharges shall be carried out in accordance with the latest edition of STANDARD METHODS, or an alternate method approved by the Designated Sewer Officer. Samples shall be submitted for analysis to an ACCREDITED LABORATORY, at the expense of the discharger, unless other arrangements have been approved by the Designated Sewer Officer. The owner shall supply hard copies of the results of the analysis to the Designated Sewer Officer in a format acceptable to the inspector within the time specified by the inspector.

H. LOCATION OF APPROVED SAMPLE POINTS

The approved sample points are as follows and as shown on the attached schematic of approved sample points and treatment processes. Sample point _____ is considered to be the point of discharge to sewer.

SAMPLE POINT NO. DESCRIPTION

Sample Point 1 _____

Sample Point 2 _____

PHOTOGRAPH OF APPROVED SAMPLING POINT SUPPLIED BY PERMITTEE

I. AUTHORIZED DISCHARGE CHARACTERISTICS

1. Authorized Rate of Discharge

The Permittee shall not exceed the following:

[insert flow rates]

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2. Authorized Discharge Criteria

This Permit sets out requirements for the quantity and quality of the discharge of Non-Domestic Wastewater from a _____. Where a compliance program has been specified, existing works or procedures must be maintained in good operating condition and operated in a manner to minimize the discharge of contaminants during the interim period until the new works have been installed.

a) The Permittee shall not discharge prohibited waste, as defined in Schedule "A" of the By-law.

b) The Permittee shall not discharge restricted waste, as defined in Schedule "B" of the By-law with the following exceptions:

[insert Parameter Authorized Range or Maximum Concentration]
Compliance with the above-noted exceptions is to be achieved by:

c) The Permittee shall not discharge storm water or cooling water into the sanitary sewer system.

J. AUTHORIZED WORKS AND PROCEDURES

This Permit sets out the waste sources, works and procedures for the authorized discharges to sewers. The Designated Sewer Officer may require that further works be installed if the existing works, in his opinion, do not provide an acceptable level of treatment. New works or alterations to existing works must be approved, in principle, by the Designated Sewer Officer.

New waste sources must be authorized, in writing, by the Designated Sewer Officer.

The authorized waste sources, works and procedures to treat and/or control the waste discharge are:

SOURCE COMPLETION DATE WORKS & PROCEDURES

1. _____
2. _____

K. REPORTING REQUIREMENTS FOR WASTE DISCHARGE PERMIT

The Permittee is required to submit the following reports to the Designated Sewer Officer:

a) The Permittee shall submit the results of effluent sampling (as required by the Designated Sewer Officer) to the Designated Sewer Officer at the following frequency [insert frequency].

b) By not later than _____, the Permittee shall submit a written report outlining the specifications of the flow monitoring device or method used to determine the discharge flow rate.

c) Additional reporting shall be undertaken by the Permittee when required by the Designated Sewer Officer. [i.e. *insert reporting requirements for compliance programs, status on pollution prevention activities, etc.*]