

REGIONAL MUNICIPALITY OF PEEL

BY-LAW No. _____

A by-law to regulate the discharge of any matter into the sanitary sewer and storm sewer systems of the Regional Municipality of Peel and to repeal By-law 90-90 and By-law 9-75.

WHEREAS section 11 of the *Municipal Act*, 2001, S.O. 2001, c.25 (the “Act”) provides that the Regional Municipality of Peel shall have exclusive responsibility for collection of sanitary sewage and sewage treatment within the Regional area;

AND WHEREAS section 11 of the Act provides that the Regional Corporation shall have responsibility with respect to collection of storm water and other drainage from land;

AND WHEREAS the Regional Corporation may pass by-laws for prohibiting or regulating the discharge of any matter into a sewage system;

AND WHEREAS pursuant to section 92 of the Act, the Regional Corporation may pass by-laws for providing that any person who contravenes such a by-law is guilty of an offence;

AND WHEREAS the Council of the Regional Corporation has by resolution adopted on _____ of _____, 2006, authorized the enactment of a by-law to regulate the discharge of matter into the sanitary and storm sewer systems of the Regional Municipality of Peel and to repeal By-law 90-90 and By-law 9-75;

NOW THEREFORE the Council of The Regional Municipality of Peel enacts as follows:

Sewer use by-law draft 11, Dec. 1, 2006

Part 1 - Definitions

1. In this By-law:
 - (a) “**Acute Hazardous Waste Chemical**” means acute hazardous waste chemicals within the meaning of Regulation 347;
 - (b) “**Authorized Representative of the Owner or Operator**” means
 - (i) A principal executive officer of at least the level of vice president, if the owner or operator is a corporation; or
 - (ii) A general partner or proprietor if the owner or operator is a partnership or proprietorship, respectively; or
 - (iii) A representative of the individual designated above authorized in writing, if such representative is responsible for the overall operation of the facilities from which the sewage discharge originates;
 - (c) “**Biochemical Oxygen Demand**” or “**BOD5**” means the five-day biochemical oxygen demand which is the determination of the molecular oxygen utilized during a five-day incubation period for the biochemical degradation of organic material (carbonaceous demand), including the oxygen used to oxidize inorganic material such as sulphides and ferrous iron, and where an inhibiting chemical has been added to prevent ammonia oxidation, determined in accordance with Standard Methods;
 - (d) “**Biosolids**” means organic solid material recovered from the wastewater treatment process;
 - (e) “**Blowdown Water**” means re-circulating 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;

- (f) **“Certificate of Approval”** means a document issued to a company by the Ministry of the Environment in accordance with the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended from time to time;
- (g) **“Combined Sewer”** means a sewer intended to function simultaneously as a storm sewer and a sanitary sewer;
- (h) **“Combustible Liquid”** means a liquid that has a flash point not less than 37.8 degrees Celsius and not greater than 93.3 degrees Celsius;
- (i) **“Commercial Waste Chemical”** means a material which is a commercial waste chemical within the meaning of Regulation 347;
- (j) **“Commissioner”** means the Commissioner of Public Works of the Region or his or her designate, authorized to act on his or her behalf;
- (k) **“Composite Sample”** means a volume of Sewage, Storm Water or Uncontaminated Water made up of two or more Grab Samples that have been combined automatically or manually and taken at intervals during the sampling period;
- (l) **“Compliance Program”** means a program in which a non-compliant company enters into a Discharge Agreement with the Region in order to give the company a reasonable amount of time to achieve compliance with this By-law;
- (m) **“Compliance Program with Monetary Concession”** means, a program in which the owner or operator of an Industrial premises undertakes to carry out works or improvements to reduce the loadings discharged to the sanitary sewer, with costs of the treatment off set by savings in the surcharge rate;
- (n) **“Connection”** or **“Drain”** means that part or those parts of any pipe or system of pipes leading directly to a Sewage Works;

- (o) “**Contact Cooling Water**” means cooling water that comes into contact with any raw material, intermediate product, finished product, byproduct or waste product;
- (p) “**Cooling Water**” means water that is used in a process for the purpose of removing heat and that has not, by design, come into contact with any Matter that has been circulated through the cooling device, but does not include Blowdown Water;
- (q) “**Discharge Agreement**” means a legal agreement made between the Region and a Person pursuant to the provisions of this By-law and includes a Surcharge Agreement, a Restrictive Agreement and agreements entered into pursuant to a Compliance Program or a Compliance Program with a Monetary Concession;
- (r) “**Discharger**” means a Person in occupation or having the charge, management, or control of a premise which discharges to a Sanitary Sewer or Storm Sewer, Sewage, Storm Water or Uncontaminated Water to which this By-law applies;
- (s) “**Enforcement Officer**” means a person authorized by the Council of the Region and designated by By-law 49-2001, as amended from time to time, to conduct inspections, make observations, obtain samples and make measurements for the purposes of the enforcement of this By-law;
- (t) “**Environmental Protection Act**” means *Environmental Protection Act* R.S.O 1990, as amended from time to time;
- (u) “**Fuel**” means alcohol, gasoline, naphtha, diesel fuel, fuel oil or any other ignitable substance intended for use as a fuel;
- (v) “**Grab Sample**” means a portion of the discharge from or deposit to the Sewage Works, taken at a Maintenance Access Hole or another location established pursuant to subsection 8(3) of this By-law;
- (w) “**Ground Water**” means water contained within the earth;

- (x) “**Groundwater Drainage Systems**” means a drainage system installed to drain accumulated groundwater from around the foundation of a building;
- (y) “**Hauled Sewage**” means waste removed from a sewage system, including a cesspool, a septic tank system, a privy vault or privy pit, a chemical toilet, a portable toilet, a sewage holding tank or a Sewage Works;
- (z) “**Hauled Waste**” means any Sewage which is non-human in origin and which is transported to and deposited into any location in the Sewage Works, but excludes Hauled Sewage;
- (aa) “**Hazardous Industrial Waste**” means hazardous industrial waste within the meaning of Regulation 347;
- (bb) “**Hazardous Waste Chemical**” means hazardous waste chemicals within the meaning of Regulation 347;
- (cc) “**Ignitable Waste**” means Ignitable Waste within the meaning of Regulation 347;
- (dd) “**Industrial**” means of, or pertaining to industry, manufacturing, commerce, trade, business or institutions as distinguished from Residential;
- (ee) “**Industrial Process Area**” means any Industrial building, property or land area which during manufacturing, processing or storage comes into direct contact with any raw material, intermediate product, finished product, by-product, or waste product;
- (ff) “**Industrial Sewage**” means Sewage discharged into a Sanitary Sewer from an Industrial Process Area;
- (gg) “**Lateral and Lateral Connection**” means the drainage pipe, connected to the sewer system which is designed to carry sewage from the premises and includes the pipes on private property usually referred to as the building sewer.

- (hh) “**Maintenance Access Hole**” means an access point in a Private Sewer Connection to allow for observation, sampling and flow measurement of the Sewage, Uncontaminated Water or Storm Water therein;
- (ii) “**Matter**” includes any solid, liquid or gas;
- (jj) “**Municipal Sewer Connection**” means that part of any drain leading from the Private Sewer Connection 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;
- (kk) “**Multiple Municipal Sewer Connection**” means a Municipal Sewer Connection servicing two or more premises;
- (ll) “**Municipal Sewer**” means any Sewer or Sewage Works which is owned and controlled by the Region;
- (mm) “**Non-contact Cooling Water**” means water which is used to reduce temperature for the purposes of cooling and which does not come into contact with any raw material, intermediate product or finished product other than heat;
- (nn) “**Owner**” or “**Operator**” means the owner or operator of any facility, premises or activity subject to the provisions of this By-law;
- (oo) “**Pathological Waste**” means pathological waste within the meaning of Regulation 347, or any material which may be designated in writing by the Chief Medical Officer of Health (Ontario);
- (pp) “**PCB**” means PCB waste within the meaning of Regulation 347;
- (qq) “**Person**” includes an individual, sole proprietorship, association, partnership, corporation, municipality, Provincial or Federal Agency or an agent or employee of such a Person;
- (rr) “**Pesticide**” means a pesticide regulated under the *Pesticides Act*, R.S.O. 1990, c. P.11, as amended from time to time;

- (ss) **“Private Branch Drain”** means a drainage pipe connected directly or indirectly to a Sanitary Sewer, but not connected directly or indirectly to a Storm Sewer;
- (tt) **Pollution Prevention Plan** – means a required plan that identifies operations or activities of an industrial user and specified Pollution Prevention methods to be implemented within a time frame designated by the Region;
- (uu) **“Private Sewer Connection”** means 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;
- (vv) **“Rain Water Leader”** or **“Downspout”** means a pipe inside or outside a building that conveys storm water from the roof of the building to a place for disposal;
- (ww) **“Reactive Waste”** means a reactive substance within the meaning of Regulation 347;
- (xx) **“Region”** means The Regional Municipality of Peel;
- (yy) **“Regulation 347”** means Regulation 347 made under the *Environmental Protection Act* R.S.O. 1990, C.E.19, as amended from time to time;
- (zz) **“Residential”** means of or pertaining to dwellings of a domestic nature as distinguished from Industrial;
- (aaa) **“Residential Sewage”** means Sewage discharged into a Sanitary Sewer from Residential premises;
- (bbb) **“Restrictive Agreement”** means a Discharge Agreement where limits are put on the amount of material that is discharged to the sewage works when the discharge of material may have an effect of the operation, repair, replacement, capacity or maintenance of

- (ccc) “**Sanitary Sewer**” means a Sewer for the collection and transmission of Residential or Industrial Sewage or any combination thereof;
- (ddd) “**Severely Toxic Waste**” means any contaminant listed in Schedule 3 of Regulation 347 or waste containing such a contaminant;
- (eee) “**Sewage**” means any matter containing organic, inorganic, animal, vegetable or mineral or synthetic matter in solution or in suspension and includes things that float but does not include Storm Water or Uncontaminated Water;
- (fff) “**Sewage Works**” means any works for the collection, transmission, treatment or 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 plumbing or other works to which the *Building Code Act, 1992, S.O. 1992, c. 23*, as amended from time to time, applies;
- (ggg) “**Sewer**” means a pipe, conduit, drain, open channel or ditch for the collection and transmission of Sewage, Storm Water or Uncontaminated Water, or any combination thereof;
- (hhh) “**Spill**” means a direct or indirect discharge into the Sewage Works or the natural environment which is abnormal in quantity or quality in light of all the circumstances of the discharge;
- (iii) “**Standard Methods**” means a procedure or method set out in the latest edition of the “Standard Methods for the Examination of Water and Wastewater” published jointly by the American Public Health Association, American Water Works Association and the Water Environment Federation;
- (jjj) “**Storm Sewer**” means a Sewer for the collection and transmission of Uncontaminated Water, Storm Water, drainage from land or from a Watercourse or any combination thereof for which the Region is responsible;

- (kkk) “**Storm Water**” means water from rainfall or other natural precipitation, from the melting of snow or ice, or from drainage;
- (lll) “**Subsurface Drainage Pipe**” means a pipe that is installed underground to intercept and convey subsurface water, and includes foundation drain pipes;
- (mmm) “**Surcharge Agreement**” means a Discharge Agreement where matter that would otherwise be prohibited by the by-law would be allowed to discharge to an extent fixed by the agreement in exchange for payment to compensate the Region for additional costs of operation, repair, replacement or maintenance of the Sewage Works;
- (nnn) “**Uncontaminated Water**” means water with a level of quality which is typical of potable water supplied by the Region to which no matter is added intentionally or unintentionally;
- (ooo) “**Waste Disposal Site Leachate**” means the liquid containing dissolved or suspended contaminants which emanates from the waste and is produced by water percolating through the waste or by liquid in the waste;
- (ppp) “**Waste Radioactive Prescribed Substances**” means uranium, thorium, plutonium, neptunium, deuterium, their respective derivatives and compounds and such other substances as the Canadian Nuclear Safety Commission may by regulation designate as being capable of releasing atomic energy or as being requisite for the production, use or application of atomic energy;
- (qqq) “**Watercourse**” means an open channel, ditch or depression either natural or artificial, in which flow of water occurs either continuously or intermittently.

Part 2 - Sanitary Sewer Requirements

2. (1) No Person shall discharge, directly or indirectly, or deposit or cause or permit the discharge or deposit of Matter into a Sanitary Sewer or into a Connection to a Sanitary Sewer in circumstances where,
 1. to do so may cause or result in,
 - (a) a health or safety hazard to a person authorized by the Commissioner to inspect, operate, maintain, repair or otherwise work on a Sewage Works;
 - (b) an offence under any Federal or Provincial legislation or regulation, including, but not limited to, the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended from time to time, or the *Environmental Protection Act*, R.S.O. 1990, c. E.19, as amended from time to time, or any regulation made thereunder from time to time;
 - (c) biosolids from the Sewage Works to which Sewage discharges, directly or indirectly, to fail to meet the objectives and criteria as listed in the Ministry of the Environment publication entitled "Guidelines for the Utilization of Biosolids and Other Wastes on Agricultural Land" dated March 1996, as amended from time to time;
 - (d) interference with the operation or maintenance of a Sewage Works, or which may impair or interfere with any treatment process;
 - (e) a hazard to any person, animal, property or vegetation;
 - (f) an offensive odour to emanate from the Sanitary Sewer or Sewage Works and without limiting the generality of the foregoing, Sewage containing hydrogen sulphide, carbon disulphide, other reduced sulphur compounds, amines or ammonia in such quantity as may cause an offensive odour;
 - (g) damage to Sewage Works infrastructure;
 - (h) an obstruction or restriction to the flow in the Sewage Works; or
 - (i) cause any air emission from the Sewage Works to fail to comply with Certificate of Approval requirements or other Federal and Provincial regulations or legislation;

2. the Sewage has one or more of the following characteristics:
 - (a) a pH less than 5.5 or greater than 10;
 - (b) two or more separate liquid layers; or
 - (c) a temperature greater than 60 degrees Celsius;

3. the Sewage contains:
 - (a) An Acute Hazardous Waste Chemical;
 - (b) Combustible Liquid;
 - (c) dyes or colouring materials which may or could pass through a Sewage Works and discolour the Sewage Works effluent;
 - (d) Fuel;
 - (e) Hauled Sewage, except where:
 - (i) the carrier of the Hauled Sewage is a waste management system operating under a Certificate of Approval or Provisional Certificate of Approval issued under the EPA or a regulation under the EPA or is exempt from the requirement to have a certificate or provisional Certificate of Approval; and
 - (ii) a copy of the most recent Certificate of Approval or Provisional Certificate of Approval and any amendment is provided to the Commissioner; and
 - (iii) the carrier meets all conditions for discharge that are or may be set from time to time, by the Region, with respect to the haulage of Sewage; and
 - (iv) the carrier meets all conditions established by the Region of Peel's Hauled Sewage policy;
 - (f) Hauled Waste, except where:
 - (i) the carrier of the Hauled Waste is a waste management system operating under a Certificate of Approval or Provisional Certificate of Approval issued under the EPA or is exempt from the requirement to have a Certificate or Provisional Certificate of Approval; and

- (ii) a copy of the most recent Certificate of Approval or Provisional Certificate of Approval and any amendment of Certificate of Approval is provided to the Commissioner; and
- (iii) the Hauled Waste meets the conditions set out in paragraphs 23(3)(c) and 25(5)(b) of Regulation 347; and
- (iv) the carrier meets all conditions for discharge that are or may be set from time to time by the Region with respect to the haulage of waste;
- (g) Ignitable Waste;
- (h) Hazardous Industrial Waste;
- (i) Hazardous Waste Chemical;
- (j) Pathological Waste;
- (k) PCB except where:
 - (i) the Person has a Certificate of Approval for a mobile site or PCB mobile waste disposal system issued under the EPA or where the Person is claiming exemption under a regulation, the Person has demonstrated to the Commissioner that the conditions of the exemption are met; and
 - (ii) a copy of the most recent Certificate of Approval or Provisional Certificate of Approval and any amendment is provided to the Commissioner; and
 - (iii) the Person has written approval from the Commissioner for the discharge of the PCBs to the Sewage Works;
- (l) Pesticides;
- (m) Reactive Waste;
- (n) Severely Toxic Waste;
- (o) Waste Radioactive Prescribed Substances, except where:
 - (i) the Waste Radioactive Prescribed Substances are being discharged under a valid and current license issued by the Canadian Nuclear Safety Commission or its successor; and
 - (ii) a copy of the license has been provided to the Commissioner;
- (p) Waste Disposal Site Leachate, except where:

- (i) the Person has prior written approval from the Commissioner which authorizes the discharge or deposit of the Waste Disposal Site Leachate to the Sewage Works; and
 - (ii) a Certificate of Approval, provisional certificate of approval or order has been issued which includes a provision for the disposal of Waste Disposal Site Leachate to a Sewage Works, and a copy of the Certificate of Approval, provisional Certificate of Approval or order is provided to the Commissioner, or where the Person is claiming an exemption pursuant to a regulation, the Person has demonstrated to the Commissioner that the conditions of the exemption are being met;
- (q) Solid or Viscous Substances;
- 4. the Sewage contains a concentration, expressed in milligrams per litre, in excess of any one or more of the limits in Table 1 of this By-law entitled "Limits for Sanitary Sewer Discharge";
- (2) The discharge of Stormwater or Uncontaminated Water to a Sanitary Sewer is prohibited except in an emergency situation where the Commissioner has provided either verbal or written approval prior to the emergency discharge; or, where the Commissioner has provided prior written approval for a non-emergency discharge and the Person is complying with the terms and conditions of the approval;
- (3) The discharge of water originating from a source other than the Region water supply directly or indirectly to a Sanitary Sewer is prohibited unless:
 - 1. the discharge is expressly authorized in writing by the Commissioner in accordance with conditions adopted by the Region from time to time, prior to the discharge and the person is complying with the terms and conditions of the approval; or
 - 2. the discharge is in accordance with a Discharge Agreement and all fees required under the Discharge Agreement have been paid;
- (4) The provisions of paragraph 2(1)4 do not apply where:

1. the discharge is in accordance with a Discharge Agreement or a Compliance Program or expressly authorized in writing by the Commissioner in accordance with this By-law prior to the discharge; and
2. all fees required under a Discharge Agreement have been paid.

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Table 1 - Limits for Sanitary Sewer Discharge

Parameter	Limit (mg/L)
Biochemical Oxygen Demand (BOD5)	300
Total Cyanide	2
Fluoride	10
Total Kjeldahl Nitrogen	100
Phenolics (4AAP)	1.0
Total Phosphorus	10
Solvent Extractable Matter -Mineral/Synthetic	15
Solvent Extractable Matter – Animal/Vegetable	150
Total Suspended Solids	350
Total Aluminum	50
Total Antimony	5
Total Arsenic	1
Total Cadmium	0.7
Total Chromium	5
Total Cobalt	5
Total Copper	3
Total Lead	3
Total Manganese	5
Total Mercury	0.01
Total Molybdenum	5
Total Nickel	3
Total Selenium	1
Sulphate	1500
Chloroform	0.04
1,2-Dichlorobenzene	0.05
1,4-Dichlorobenzene	0.08

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Cis-1,2-Dichloroethylene	4
Trans-1,3-Dichloropropylene	0.14
Ethyl benzene	0.16
Total Silver	5
Total Tin	5
Total Titanium	5
Total Zinc	3
Benzene	0.01
Methylene chloride	2
1,1,2,2-Tetrachloroethane	1.4
Tetrachloroethylene	1
Toluene	0.27
Trichloroethylene	0.4
Xylenes	1.4
Di-n-butyl phthalate	0.08
Bis (2-ethylhexyl) phthalate	0.012
PCBs	0.001
Methyl Ethyl Ketone	8.0
Styrene	0.2
Nonylphenols	0.02
Nonylphenol Ethoxylates	0.2

Part 3 - Prohibition of Dilution

3. No Person shall discharge directly or indirectly or deposit or cause or permit the discharge or deposit of Sewage into a

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Sanitary Sewer, Storm Sewer, Municipal Sewer Connection, Multiple Municipal Sewer Connection or Private Sewer Connection in circumstances where water has been added to the discharge for the purposes of dilution to achieve compliance with Part 2 or Part 4 of this By-law.

Part 4 - Storm Sewer Requirements

4. (1) No Person shall directly or indirectly discharge or deposit or cause or permit the discharge or deposit of Matter into or in land drainage works, Private Branch Drains or Connections to any Storm Sewer Matter of any type which may:
1. interfere with proper operation of a Storm Sewer;
 2. obstruct or restrict a Storm Sewer or the flow therein;
 3. damage a Storm Sewer;
 4. result in any hazard or other adverse impact to any person, animal, property or vegetation;
 5. contravene or result in the contravention of any Federal or Provincial legislation or regulation, including but not limited to the *Fisheries Act*, R.S.C. 1985, c. F-14, as amended from time to time, with respect to the Storm Sewer and/or its discharge from the Storm Sewer into a Watercourse;
 6. contravene or result in the contravention of a Certificate of Approval or provisional Certificate of Approval issued under the *Ontario Water Resources Act* or the *EPA* with respect to the Storm Sewer or its discharge;
 7. have one or more of the following characteristics:
 - (a) visible film sheen or discoloration;
 - (b) two or more separate layers;
 - (c) a pH less than 6.0 or greater than 9.0; or
 - (d) a temperature greater than 40 degrees Celsius;
 8. contain one or more of the following:
 - (a) Acute Hazardous Waste Chemicals;
 - (b) Blowdown Water;
 - (c) Combustible Liquids;

- (d) floating debris;
 - (e) Fuel;
 - (f) Hauled Sewage;
 - (g) Hauled Waste;
 - (h) Hazardous Industrial Waste;
 - (i) Hazardous Waste Chemicals;
 - (j) Ignitable Waste;
 - (k) Pathological Waste;
 - (l) Pesticides;
 - (m) Reactive Waste;
 - (n) Severely Toxic Waste;
 - (o) Sewage;
 - (p) Waste Radioactive Prescribed Substances;
 - (q) Waste Disposal Site Leachate;
 - (r) a substance from raw materials, intermediate or final product, used or produced in, through or from an Industrial process; or
 - (s) a substance used in the operation or maintenance of an Industrial site;
- 9. contain E. coli colonies in excess of 200 cfu per 100 milliliters;
 - 10. contain contaminants from raw materials, intermediate or final products or wastewater from an Industrial process;
 - 11. contain a concentration, expressed in milligrams per litre, in excess of any one or more of the limits in Table 2 of this By-law entitled "Limits for Storm Sewer Discharge"; or
 - 12. contain fecal coliform in any amount;
- 4. (2) A Person may be required, by written notice from the Commissioner to perform or undertake one or more of the following activities addressing the discharge of Storm Water from a premises:
 - 1. a study on Storm Water quality and/or quantity;

2. modification and/or construction of Storm Water facilities for which the Region is responsible;
3. development and implementation of a best management practices (BMP);
4. adoption and implementation of pollution prevention techniques and measures; or
5. any other activity set out in the notice.

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Table 2 - Limits for Storm Sewer Discharge

Parameter	Limit (mg/L)
Biochemical Oxygen Demand (BOD5)	15
Total Cyanide	0.02
Total Kjeldahl Nitrogen	1
Phenolics (4AAP)	0.008
Total Phosphorus	0.4
Total Suspended Solids	15
Total Arsenic	0.02
Total Cadmium	0.008
Total Chromium	0.08
Total Copper	0.05
Total Lead	0.120
Total Manganese	0.05
Total Mercury	0.0004
Total Nickel	0.08
Total Selenium	0.02
Total Silver	0.12
Total Zinc	0.04
Benzene	0.002
Chloroform	0.002
1,2-Dichlorobenzene	0.0056
1,4-Dichlorobenzene	0.0068
Cis-1,2-Dichloroethylene	0.0056
Trans-1,3-Dichloropropylene	0.0056
Ethyl benzene	0.002
Methylene chloride	0.0052
1,1,2,2-Tetrachloroethane	0.017
Tetrachloroethylene	0.0044

Toluene	0.002
Trichloroethylene	0.008
Xylenes	0.0044
Di-n-butyl phthalate	0.015
Bis (2-ethylhexyl) phthalate	0.0088
PCBs	0.0004

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Part 5 – Reporting of Site Information by Discharger

5. (1) Any Person discharging to a Sewage Works is required to complete and submit a Waste Survey Report to the Commissioner within 60 days of written notification from the Commissioner requiring such, in a format, as required by the Commissioner.
- (2) Where an Industrial Discharger is required by the Commissioner to complete a Waste Survey Report, the Discharger shall provide written notice of any change in the information provided in the initial report within 30 days of such change and such notice shall include any change to the operation, process, or wastewater treatment facility as well as analyses of all waste stream discharges.

Part 6 –Agreements

6. (1) Subject to subsections (2), (3) and (4), the discharge or deposit of Matter by a Person into or in any Connection to any Sanitary Sewer that would otherwise be prohibited by this By-law may be permitted to an extent fixed by a Discharge Agreement entered into between the Person and the Region including conditions with respect to the payment of additional sewage service rates to compensate the Region for its additional cost of operation, repair, replacement or maintenance of the Sewage Works and on other terms and conditions as may be deemed appropriate by the Region.
- (2) A Surcharge Agreement may only be entered into with respect to the discharge to a Sanitary Sewer of one or more of the following treatable parameters in Sewage:
 - (a) Biochemical Oxygen Demand;
 - (b) Solvent Extractable Matter of Animal or Vegetable Origin; and
 - (c) Total Suspended Solids.

- (3) The Region may require a Restrictive Agreement to restrict or limit the discharge of any parameters or their respective concentrations, specified in Section 2 of this By-law, with respect to the discharge of sewage into a Region Sanitary Sewer and also where in the sole opinion of the Commissioner the discharge of Sewage by a Person of any parameter at a concentration specified in Section 2 may result in the non compliance of any federal or provincial act, regulation or guideline regarding the discharge of any matter from the receiving Wastewater treatment plant or is required to ensure the proper operation or maintenance of the Sewage Works and capacity.
- (4) The Surcharge Agreement and Restrictive Agreement shall be in the form designated by the Commissioner from time to time, and such agreements shall be executed on behalf of the Region in accordance with the by-law governing the execution of documents on behalf of the Region, as amended from time to time.
- (5) During the term of a Discharge Agreement the discharge is exempt from meeting the limits set out in Part 2 for the parameters included in the agreement, if all conditions stipulated by the Region in the agreement are met.

Part 7 - Compliance Program

7. (1) A person may submit to the Commissioner for approval a proposed compliance program setting out activities to be undertaken by the person that would result in the prevention or reduction and control of the discharge or deposit of sewage, uncontaminated water, groundwater, cooling water, drainage from lands or from a watercourse or combination thereof, storm water or water originating from a source other than the Region water supply from the person's premises into Region sewer connections or sewer connections to any Region sanitary sewer.
- (2) Upon receipt of an application pursuant subsection (1), above, the commissioner may issue approval for a Compliance

Program, as set out in subsections (2), (3) and (4) for the discharge of non-complying matter during the period of planning, design, construction or installation of facilities to eliminate the non-compliance.

- (3) Every proposed Compliance Program shall be for a specified length of time during which corrective action to bring the discharge into compliance with this by-law shall be taken. The Compliance Program shall be specific as to the remedial actions to be implemented by the industry, the dates of commencement and completion of these actions, and the materials or other characteristics of the Matter to which it relates. The final activity completion date shall not be later than the final compliance date in the Compliance Program.
- (4) A Person to whom a Compliance Program has been issued shall submit a Compliance Program progress report to the Commissioner within fourteen (14) days after the scheduled completion date of each activity listed in the Compliance Program.
- (5) A Person to whom a Compliance Program has been issued shall not be prosecuted under Part 2 of this By-law for the discharge or deposit of any Matter specified in the Compliance Program and in compliance with the Compliance Program during the period within which the compliance program is applicable, and so long as the Compliance Program and this Part 7 are complied with.
- (6) The Compliance Program may include the following conditions or limitations:
 - (a) a Compliance Program under this section may include a Compliance Program with Monetary Concession and, the Commissioner may issue a Compliance Program with Monetary Concession with an owner or operator of Industrial premises who meets the guidelines adopted by the Region from time to time, in respect of such programs on such terms and conditions as they may agree;

Part 8 - Sampling and Analytical Requirements

8. (1) The sampling and analysis required by this By-law shall be in accordance with the procedures as described in Standard Methods or the United States Environmental Protection Agency methods or the Test Methods Manual, produced by the Region, as amended from time to time.
- (2) Compliance or non-compliance with this By-law may be determined by the analysis of a Grab Sample or a Composite Sample which may contain additives for its preservation and may be collected manually or by using an automatic sampling device.
- (3) Where there is no Maintenance Access Hole meeting the requirements of Part 12 of this By-law, the Commissioner may provide written notice to the Discharger authorizing the use of an alternate device or facility for the purpose of sampling a discharge to the Sewage Works.
- (4) In the event that the Discharger cannot provide a Maintenance Access Hole due to space limitations and the Commissioner has authorized an alternative sampling location, the conditions in this By-law are applicable to discharges as sampled at such alternative sampling location.
- (5) For each of the metals listed in “Table 1” and “Table 2”, to this By-law, the analysis shall measure the quantity of total metal, which includes all metal both dissolved and particulate.

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Part 9 - Spills

9. (1) In the event of a Spill the Person responsible or the Person having charge, management and control of the Spill, shall immediately notify the Region, provide any information with respect to the Spill which the Region requests and complete any work the Region may require to mitigate the Spill.
- (2) The Person responsible shall provide a report to the Commissioner with respect to the Spill, within five (5) days of the Spill, containing the following information:
 - (a) location where Spill occurred;
 - (b) name and telephone number of person who reported the Spill and location where they can be contacted;
 - (c) date and time of Spill;
 - (d) material spilled;
 - (e) characteristics of material spilled;
 - (f) volume of material spilled;
 - (g) duration of Spill event;
 - (h) work completed and/or still in progress in the mitigation of the Spill; and
 - (i) preventive actions being taken to ensure a similar Spill does not occur again.
- (3) In the event of a Spill, the Person responsible shall be required to compensate the Region for all direct and indirect costs, howsoever arising, from a Spill.

Plant 10 – Pollution Prevention Plans

10. (1) The Region may require an Industrial Discharger to develop a pollution prevention plan for the discharge of any matter designated by the Region where the Industrial Discharger has:

- (a) failed to comply with Part 2 – Sanitary Sewer Requirements;
 - (b) failed to comply with Part 4 – Storm Sewer requirements;
 - (c) failed to comply with a Compliance Program; or
 - (d) been responsible for one or more Spills to a Sewage Works or land drainage works.
- (2) Pollution prevention plans shall comply with any guidelines established by the Region.
- (3) The pollution prevention plan shall be completed by the Industrial Discharger within eighteen (18) months of notification by the Commissioner.
- (4) The Region may exempt an Industrial Discharger from the requirement to develop a pollution prevention plan where the Industrial Discharger has in place an ISO 14001 program which is currently registered by a third party auditor accredited by the Standard Council of Canada or the Registrar Accreditation Board and has provided a copy of such registration to the Commissioner.

Part 11 – Sewer Discharge Review

11. (1) An Industrial Discharger:
- (a) applying for a new water, sanitary sewer or storm sewer connection permit;
 - (b) applying for revisions to its existing water, sanitary sewer and/or storm sewer connection; or
 - (c) that changes its manufacturing process which results in a change in the characteristics of the discharge to the Sanitary Sewer or Storm Sewer;

shall submit an “Application for Waste Discharge Review” for review by the Region’s Environmental Control Section.

- (2) An Industrial Discharger shall not connect a new water, sanitary sewer or storm sewer connection, alter its existing connections, or change its discharge to the Sanitary Sewer or Storm Sewer until the “Application for Waste Discharge Review” has been reviewed by the Region.

Part 12 - General

12. (1) Maintenance Access Hole

- (a) The Owner or Operator of commercial, institutional or Industrial premises, or apartment/condominium buildings with one or more Connections to a Sewage Works shall install and maintain in good repair in each Connection a suitable Maintenance Access Hole to allow observation, sampling and flow measurement of the Sewage, Uncontaminated Water or Storm Water therein, provided that where installation of a Maintenance Access Hole is not possible, an alternative device or facility may be substituted with the prior written approval of the Commissioner.
- (b) The Maintenance Access Hole or alternative device shall be located on the property of the Owner of the premises, as close to the property line as possible, unless the Commissioner has given prior written approval for a different location.
- (c) Each Maintenance Access Hole, device or facility installed as required by this Section 12 shall be designed and constructed in accordance with good engineering practice and the requirements of the municipal standard, as established by the Region from time to time, and shall be constructed and maintained by the Owner or Operator of the premises at his/her expense.

- (d) The Owner or Operator of the commercial, institutional or Industrial premises, or apartment/condominium buildings shall at all times ensure that every Maintenance Access Hole, alternative device or facility installed as required by this Section 12 is accessible for purposes of observing, sampling and flow measurement of the Sewage, Storm Water or Uncontaminated Water therein.
- (e) The Commissioner may direct the construction of a Maintenance Access Hole at the expense of the Owner, provided that the said person has been notified thirty (30) days, in advance of the construction, by registered mail.

(2) Right of Entry

No Person shall hinder or obstruct or attempt to hinder or obstruct, the Commissioner or his or her designate bearing proper credentials and identification, from:

- (a) entering in or upon any land or buildings, except land or buildings being used as a dwelling house, at any reasonable time without a warrant;
- (b) making such tests or taking such samples as he/she deems necessary; or
- (c) inspecting or observing any plant, machinery, equipment, work or activity for the purposes of administering or enforcing this By-law.

(3) Protection from Damage

No Person shall uncover, make any connection with, or opening into, break, alter, damage, destroy, deface or tamper with, or cause or permit the breaking, damaging, destroying, defacing or tampering with:

- (a) any part of a Sewage Works; or
- (b) any permanent or temporary device installed in a Sewage Works for the purposes of flow measuring, sampling and testing of Sewage, Uncontaminated Water or Storm Water.

(4) Damages to the Sewage Works

Any Person discharging Sewage, Uncontaminated Water, Storm Water or water originating from a source other than the Region water supply to the municipal Sewage Works shall be responsible for ensuring that such Sewage, Uncontaminated Water, Storm Water or water originating from a source other than the Region water supply conforms at all times to the provisions of this By-law, and shall be liable for any damage or expense arising out of his or her failure to properly check and control such discharge, including the cost of investigation, repairing or replacing any part of any municipal Sewage Works damaged thereby.

(5) Unauthorized Entry to Sewage Works

Unless specifically authorized by the Commissioner, no Person shall enter any Sewage Works.

(6) Dental Waste Amalgam Separator

Any dental practice within the Regional Municipality of Peel must comply with the *Dentistry Act, 1991*, S.O. 1991, c. 24, and the regulations thereunder, as amended from time to time, for the disposal of amalgam waste.

(7) Solvent Extractable Matter Interceptors

The Owner or Operator of any Industrial premises which may discharge solvent extractable matter shall install, operate and properly maintain an interceptor in any piping system at its premises that connects directly or indirectly to a Sewer for the purpose of preventing the solvent extractable matter from entering the sewer system. The interceptor shall be installed in compliance with the most current requirements of the *Building Code Act*.

- (8) Regulations with other municipalities
 - (a) Storm Sewers of an area municipality may be connected to Regional Storm Sewers where design approval has been granted by the Commissioner, provided that the area municipality has passed the necessary by-law to regulate matter being discharged to such storm sewers and, provided that the Commissioner is given authority to make inspections of such connecting sewers.
 - (b) Where requested by an area municipality, in writing, the Commissioner may undertake any work respecting storm sewers on behalf of that municipality provided that the Region is reimbursed for its costs.

Part 13 – Sewer Connections

Infiltration of Storm Water into Sewage Works

- 13. (1) The Owner of a building which has a Rain Water Leader shall not connect or permit the leader to be connected, either directly or indirectly to the Sanitary Sewer Connection, and shall instead conduct the Storm Water away from the building in such a way that the Storm Water will not accumulate at or near the building and will not adversely affect adjacent properties.
- (2) For the purposes of this section:

- (a) “directly” means by any physical Connection or series of Connections between the Rain Water Leader and the Sanitary Sewer system.
 - (b) “indirectly” means in any manner whatsoever whereby Storm Water enters the Sewage Works, and for the greater certainty includes any situation where open joints in underground Sewer Connections on private property permit Storm Water to infiltrate the Sewage Works.
- (3) An owner may request an inspection by the Region by means of a dye test or closed circuit television inspection of any existing Municipal Sewer Connection.
- (4) No direct or indirect interconnection between the private storm drain system and the Sewage Works is permitted.
- (5) The groundwater drainage system shall be installed and maintained by the Owner or Operator of the premises, at his or her 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 or Storm Sewer Connection 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 will not accumulate at or near the building and will not adversely affect adjacent properties.
- (7) Lateral Connections to Regional Sewers

The following will apply with respect to applications for, and construction of, lateral connections to Regional sewers:

- a. Any person requiring service shall make application to the Region for a lateral connection on the prescribed form.
- b. Prior to construction being undertaken, applicants for connections shall pay charges as set by the Region from time to time.

- c. Materials and workmanship, for the lateral, shall be to the satisfaction of the Commissioner.
- d. The Region does not guarantee the capacity of the Sewer and shall not be liable for any damages of any kind which result from the connection of the lateral.
- e. Where premises are removed or demolished, leaving the property clear of structures, the Commissioner will sever the lateral or otherwise stop up the pipe. Upon application for reuse of the lateral, reconnection may be directed by the Commissioner and any costs thereof will be borne by the applicant.
- f. In each case of land development, where property so developed will be connected to the Regional sewer system, a developer shall enter into an agreement with the Region, setting out the sewer construction required and may include the installation of sewer laterals to various lots in the development.
- g. The Commissioner may, from time to time, establish such standards as are necessary to govern the design and construction of all Sewage Works in the Region and all persons shall conform to such standards when constructing any new Sewage Works.
- h. The Commissioner shall have the power to approve the plans and specifications of any work to ensure that the construction of sewage systems connected to or to be connected to the Regional Sewage works comply with the standards established by the Commissioner.
- i. Upon approval of plans and specifications for any work, the Commissioner shall have the power to inspect the work during its construction and to order such changes as are necessary to ensure that the work conforms to Regional standards.
- j. The Commissioner, with the permission of the occupant, may enter on private property or into premises for purposes of maintenance of lateral connections including testing for and clearing of blockages.

Part 14 - Offences

14. (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 \$10,000 for a first

offence and \$25,000 for any subsequent conviction.

- (2) Every corporation which 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 \$50,000 for a first offence and \$100,000 for any subsequent conviction.
- (3) In this By-law “subsequent conviction” means a conviction for an offence which offence occurs after the date of conviction for an earlier offence under this By-law, or the former By-law No. 9-75, as amended or By-law No. 90-90, as amended.
- (4) Where any Person contravenes any provision of this By-law, the Commissioner or an Enforcement Officer may direct such Person to comply with this By-law within a specified time.
- (5) Every Person so notified shall comply with such direction without delay and within the time specified calculated from the day of such notice.
- (6) Where a Person does not comply with a direction given pursuant to subsection 14(4), the Region, acting through the Commissioner, may perform or carry out that which is required to be done or cause it to be performed or carried out at that Person’s expense to ensure that this By-law is complied with.
- (7) The Region may recover the costs of such remedial action by adding the costs to the tax roll and collecting them in the same manner as taxes.

Part 15 - Enforcement

- (1) The Regional Corporation may enact a by-law appointing Enforcement Officers for the purpose of the enforcement of this

By-law as required.

Part 16 – Confidential Information

16. (1) All information submitted to and collected by the Region 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 *Municipal Freedom of Information and Privacy Act*, R.S.O. 1990, c. M. 56, as amended from time to time. (“MFIPPA”).
- (2) In the event that any Person in submitting information to the Region or to the Commissioner in any form, as required under this By-law, where such information is confidential or proprietary or otherwise, may be exempt from disclosure under MFIPPA, the Person submitting the information shall so identify that information upon its submission to the Region or Commissioner and shall provide sufficient details as to the reason for its purported exemption from disclosure.

Part 17 – Repeal

17. (1) This By-law hereby repeals and replaces By-law 9-75 and By-law 90-90 and any amending by-laws.
- (2) This By-law may be referred to as the “Sewer Use By-law”.
- (3) The Schedules attached hereto form part of the By-law.

READ THREE TIMES AND FINALLY PASSED IN OPEN COUNCIL this day of , 2006.

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THE REGIONAL MUNICIPALITY OF PEEL
ABBREVIATED WASTE SURVEY REPORT

SECTION 1: General Information

Name of Company: _____

(b) Location/Mailing Address:

Plant: _____

Main Office: _____

(c) Telephone Number: Plant: _____

Main Office: _____

Name of Company Officer submitting Report:

_____	_____	_____
Name	Title	Telephone Number

Date of Survey Report Completion: _____

SECTION 2: Product of Service Information

Number of Employees:

Plant: _____

Office: _____

(b) # of Shifts per day: _____ # of days per week: _____

(c) Brief description of manufacturing process or service activities:

Final products or services rendered:

SECTION 3: Waste Characteristics and Disposal:

(a) Consumption of water per day:

(Please Provide your water consumption data for the past year)

Please list the types and volumes of chemicals used in your manufacturing Processes and/or stored on site.

Chemicals:

Quantities:

<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

Please list the type of chemicals, cooling water, or other waste materials discharged to the sanitary sewer:

Is your wastewater subjected to any type of treatment before discharge into the sewer system? Please describe the treatment.

If your company has analyzed its wastewater at any time, please provide us with copies of analyses, and name of the laboratory.

Does your company have any agreement with the Municipality regarding wastewater discharges to sewer system? If yes, please provide explanation.

Please describe locations of sanitary sewer outlets from your plant. Also, is there a manhole available at each location for inspection and sampling purposes?

Does your company have sampling of flow measurement equipment available? If yes, please list the type and make.

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THE REGIONAL MUNICIPALITY OF PEEL
COMPREHENSIVE WASTE SURVEY REPORT

Date of Survey: _____

Area Municipality: _____

SECTION 1 – General Information

(a) Name of person submitting report: _____
(Name)

(Title)

(Company Name, Corporation, Owner)

(Telephone Number)

(Type of Industry)

(Mailing address)

(Postal Code)

Company Officer responsible for effluent control:

Name

Title

Telephone Number

Location of premises:

(Street Name, Number, Block Number, Unit Number, Municipality)

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

(Authorized Representative)

(Title)

(Date)

SECTION 2 – Product or Service Information

Brief description of manufacturing or service activities:

Sewer use by-law draft 11, Dec. 1, 2006

Principal products produced or services rendered:

Number of employees:

Plant: _____ Office: _____

(d) Number of shifts per day: _____ Number of days per week: _____

(e) Are major process:

Batch Continuous Both

If batch, average number of batches per 24-hour day: _____

(f) Is the production subject to seasonal variation: Yes No

If yes, briefly describe seasonal production cycle:

(g) Is there a special clean-up period: () Yes () No

If yes, briefly describe clean-up period activities:

(h) Proximity of chemical storage to floor drains and whether floor drainage discharges to storm or sanitary sewers:

(i) Description of spill control practices that the facility uses,
(Site Hazards and Recommended Safety Procedures):

- (i) Information of past spill: _____
- (ii) Unusual discharges: _____
- (iii) Previous problems encountered: _____

SECTION 3 – Waste Characteristics

(a) List all sources of water supply:

- (1) Municipal water
- (2) Private well water
- (3) Hauled water
- (4) Other sources: _____

(b) Type of waste discharged (check all that apply):

<u>TYPE</u>	<u>AVERAGE FLOW/DAY (m3/ day)</u>	
<input type="checkbox"/> Sanitary Sewage	_____	<input type="checkbox"/> Estimated
<input type="checkbox"/> Non-contact Cooling	_____	<input type="checkbox"/> Estimated
<input type="checkbox"/> Contact Cooling	_____	<input type="checkbox"/> Estimated
<input type="checkbox"/> Process Water	_____	<input type="checkbox"/> Estimated
<input type="checkbox"/> Others	_____	<input type="checkbox"/> Estimated

(c) Wastes are discharged to (check all that apply):

<u>TYPE</u>	<u>AVERAGE FLOW/DAY (m3/ day)</u>
-------------	-----------------------------------

- Sanitary #1 _____ Estimated
- Sanitary #2 _____ Estimated
- Storm Sewer #1 _____ Estimated
- Storm Sewer #2 _____ Estimated

- Ground Water
- Open Water _____ Estimated
- Surface Water
- Pond/Creek/Stream _____ Estimated
- Evaporation _____ Estimated
- Storage Tank _____ Estimated

* Haulage schedule – Where to, who, amount per haulage
(Attach additional list as necessary)

(d) Expected characteristics of wastes discharged to sanitary and storm sewers (complete Section 8, Pollutant Information Sheets, for the discharge to each sewer).

SECTION 4 – Physical Layout

Layout sketch of property (to scale or approximate) to co-ordinate buildings, pre-treatment works, property boundaries, effluent lines, and sanitary and storm sewer connections. (Number sewers so that they can be related to Pollutant Information Sheets).

Is there a manhole available for sampling?

If so, what is the location?

1. Location of last manhole: _____
2. Location of sampling manhole: _____
3. Location of flow meter(s): _____

SECTION 5 – Regulation 347 Information

For wastes discharged into or in connection to any sanitary sewer or combined sewer or storm sewer:

- (a) Generator registration number: _____

SECTION 6 – Regulation 347 Information

For wastes discharged into or in connection to any sanitary sewer or combined sewer or storm sewer (complete Section 6 for each sewer):

- (a) Description of waste:
- _____
- _____
- _____

- (b) Description of generating process:

(c) **Primary Characteristics:**

(d) **Analytical data (if applicable):**

(e) **Name of laboratory (if applicable):**

(f) **Waste class:** _____ **Hazardous waste number:** _____

(g) **Secondary characteristics:**

(h) Analytical data (if applicable):

SECTION 7 – Pre-treatment and Disposal

Pre-treatment devices or processes used for treating wastes or sludges before discharge to the sanitary sewer system (check as many as appropriate):

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

(1) Draw a flow diagram of your Pre-treatment Process below:

(2) Describe in detail the treatment process step by step:

(3) Effluent quality after pre-treatment process:

(a) Detailed description of existing pre-treatment facilities including operating data.

(b) Description of how solids are handled, stored/disposed.

(c) Description of recent changes or proposed that would affect the discharge characteristics.

(d) Description of operational problems or shutdowns of pre-treatment facilities.

(4) Any sludge generated from pre-treatment process:

(5) If yes, describe the treatment and disposal method for sludge removal.

SECTION 8 – Pollutant Information Sheet (Controlled Water)

Information for: () Sanitary Sewer () Storm Sewer

Sewer Number: _____

Indicate by placing an “x” in the appropriate box for each listed parameter whether it is “suspected to be absent”, “known to be absent”, “suspected to be present”, or “known to be present”, and the known or expected concentration in milligrams per litre.

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Parameter	Known Present	Suspected Present	Know Absent	Suspected Absent	Concentration mg/litre
1. Sulphates					
2. Aluminum					
3. Fluoride					
4. Phosphorus					
5. Antimony					
6. Chromium					
7. Cobalt					
8. Lead					
9. Manganese					
10. Molybdenum					
11. Selenium					
12. Silver					
13. Tin					
14. Titanium					
15. Copper					
16. Cyanide					
17. Nickel					
18. Zinc					
19. Arsenic					
20. Cadmium					
21. Phenolic Compounds					

22. Mercury					
23. BOD					
24. TSS					
25. Oil & Grease (Animal/Vegetable)					
26. Oil & Grease (Mineral/Synthetic)					
27. Kjeldahl Nitrogen					

SECTION 9 – Pollutant Information Sheet (No Discharge)

Information for: () Sanitary Sewer Number: _____

Indicate by placing an “x” in the appropriate box for each listed parameter whether it is “suspected to be absent”, “known to be absent”, “suspected to be present”, or “known to be present”, and the known or expected quantity in kg/month.

- (a) List pollutants that have the potential to enter wastewater due to spills, machinery malfunctions and process upsets.

Parameter	Known Present	Suspected Present	Know Absent	Suspected Absent	Concentration
-----------	---------------	-------------------	-------------	------------------	---------------

					mg/litre
28. Pesticides					
29. Acute Hazardous Waste Chemicals					
30. Fuels					
31. Hazardous Industrial Wastes					
32. Hazardous Wastes Chemicals					
33. Ignitable Wastes					
34. Pathological Wastes					
35. PCB Wastes					
36. Reactive Wastes					
37. Severely Toxic Materials					
38. Waste Radio-Active Materials					

(b) Do you recover any chemicals from your wastewater? _____

(c) If so, explain:

(d) Does the Company have any existing agreements with the City/Town/Township about waste discharges exceeding storm and sanitary sewer by-law limits?

(e) If so, explain:

(f) Does the Company haul a wet or dry waste to a landfill disposal site?

(g) If so, explain:

(h) Does the Company have sampling or flow measurement equipment available?

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