

FINANCIAL

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Article 1 INTERPRETATION

281.1.1 Acute hazardous waste chemical - defined

“acute hazardous waste chemical” means a material which is an acute hazardous waste chemical within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.2 Authorized representative - owner - operator - defined

“authorized representative of the owner or operator” means:

- (a) a principal executive officer of at least the level of vice president, if the owner or operator is a corporation; or
- (b) a general partner or proprietor if the owner or operator is a partnership or proprietorship, respectively; or
- (c) a duly authorized representative of the individual designated above if such representative is responsible for the overall operation of the facilities from which the sewage discharge originates.

281.1.3 Biochemical oxygen demand - defined

“biochemical oxygen demand” means carbonaceous oxygen demand (biochemical) as determined by Standard Methods when an inhibiting chemical has been added to prevent ammonia oxidation.

281.1.4 Blowdown - defined

“blowdown” means the discharge of recirculating non-contact cooling water for the purpose of discharging materials contained in the water, the further build-up of which would cause concentrations in amounts exceeding limits established by best engineering practices.

281.1.5 Chemical oxygen demand - defined

“chemical oxygen demand means the quantity of oxygen utilized in the chemical oxidation of matter.

281.1.6 Commercial waste chemical - defined

“commercial waste chemical” means a material which is a commercial waste chemical within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.7 Composite sample - defined

“composite sample” means a sample which is composed of a series of grab samples taken at intervals during the sampling period.

281.1.8 De minimis dose - defined

“de minimis dose” means a dose of radiation to an individual of .05 millisieverts per year.

281.1.9 De minimis waste - defined

“de minimis waste” means any waste radioactive material that will not result in a dose of radiation exceeding the de minimis dose regardless of the quantity of the material or how it is used or managed.

281.1.10 Engineer - defined

“Engineer” means the Engineer of the City of Brantford or his/her authorized representative.

281.1.11 Fuels - defined

“fuels” includes:

- (a) any ignitable liquid intended for use as a fuel with a flash point less than 61 degrees Celsius as determined by one of the methods in Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario); and
- (b) gasoline, naphtha, diesel fuel or fuel oil.

281.1.12 Grab sample - defined

“grab sample” is an aliquot of the flow being sampled taken at one particular time and place.

281.1.13 Hauled sewage - defined

“hauled sewage” means waste removed from a cesspool, a septic tank system, a privy vault or privy pit, a chemical toilet, a portable toilet, a sewage holding tank or any other sewage system of a type regulated under Part VII of the *Environmental Protection Act* (Ontario), but excluding industrial waste and waste from a recreational vehicle.

281.1.14 Hazardous industrial waste - defined

“hazardous industrial waste” means a material which is a hazardous industrial waste within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.15 Hazardous waste chemical - defined

“hazardous waste chemical” means a material which is a hazardous waste chemical within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.16 Ignitable waste - defined

“ignitable waste” means a material which is an ignitable waste within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.17 Industrial - defined

“industrial” means of or pertaining to industry, manufacturing, commerce, trade, business, or institutions as distinguished from domestic or residential.

281.1.18 Industrial process area - defined

“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.

281.1.19 Industrial wastes - defined

“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.

281.1.20 Kjeldahl nitrogen - defined

“Kjeldahl nitrogen” means organic nitrogen.

281.1.21 Matter - defined

“matter” includes any solid, liquid or gas.

281.1.22 Municipality - defined

“municipality” means The Corporation of the City of Brantford or its designated representative.

281.1.23 Non-contact cooling water - defined

“non-contact cooling water” means 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 product other than heat, or finished product.

281.1.24 Once-through cooling water - defined

“once-through cooling water” means non-contact cooling water that has been circulated once through the cooling device.

281.1.25 Owner/operator - defined

“owner” or “operator” means the owner or operator of any facility or activity subject to the provisions of this Chapter.

281.1.26 Pathological waste - defined

“pathological waste” means a material which is a pathological waste within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario) or any material which may be designated in writing by the Chief Medical Officer of Health (Ontario).

281.1.27 PCB - defined

“PCB” means any mono-chlorinated or poly-chlorinated biphenyl or any mixture of these or mixture that contains one or more of them.

281.1.28 PCB waste - defined

“PCB waste” means a PCB waste within the meaning of Ontario Regulation 148/86 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.29 Person - defined

“person” includes an individual, association, partnership, corporation, municipality, provincial or federal agency, or an agent or employee thereof.

281.1.30 Pesticides - defined

“pesticides” means a pesticide regulated under the *Pesticides Act* (Ontario).

281.1.31 pH - defined

“pH” means the logarithm to the base 10 of the reciprocal of the concentration of hydrogen ions in moles per litre of solution.

281.1.32 Phenolic compounds - defined

“phenolic compounds” means those derivatives of aromatic hydrocarbons which have a hydroxyl group directly attached to the ring.

281.1.33 Reactive waste - defined

“reactive waste” means a material which is a reactive waste within the meaning of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.34 Sanitary sewer - defined

“sanitary sewer” means a sewer for the collection and transmission of domestic, commercial, institutional and industrial sewage or any combination thereof, and to which storm and surface water are not intentionally admitted.

281.1.35 Severely toxic material - defined

“severely toxic material” means any material listed in Schedule 3 of Ontario Regulation 309 as amended, made under the *Environmental Protection Act* (Ontario).

281.1.36 Sewage - defined

“sewage” means any liquid waste containing animal, vegetable or mineral matter in solution or in suspension, except uncontaminated water.

281.1.37 Sewage works - defined

“sewage works” means any works for the collection, transmission, treatment or disposal of sewage, or any part of such works.

281.1.38 SIC code - defined

“SIC code” means Standard Industrial Classification Code contained in either the Standard Industrial Classification Manual published by the Minister of Supply and Services Canada, 1980 (Canadian SIC) or the Standard Industrial Classification Manual published by the Executive Office of the President, Office of Management and Budget, 1972 (U.S. SIC).

281.1.39 Solvent extractable matter- defined

“solvent extractable matter” means grease and oil.

281.1.40 Standard Methods - defined

“Standard Methods” 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 Pollution Control Federation, or a procedure published by the Ontario Ministry of the Environment as a standard method or the equivalent of a standard method.

281.1.41 Storm sewer - defined

“storm sewer” means a sewer for the collection and transmission of uncontaminated water, stormwater, drainage from land or from a watercourse or any combination thereof.

281.1.42 Stormwater - defined

“stormwater” means water from rainfall or other natural precipitation or from the melting of snow or ice.

281.1.43 Subsequent conviction - defined

“subsequent conviction” means a conviction for an offence which offence occurs after the date of conviction for an earlier offence under this Chapter.

281.1.44 Suspended solids - defined

“suspended solids” means solid matter in or on a liquid which matter is removable by filtering.

281.1.45 Uncontaminated water - defined

“uncontaminated water” means water to which no matter has been added as a consequence of its use, or to modify its use, by any person.

281.1.46 Waste disposal site leachate - defined

“waste disposal site leachate” means leachate from any waste disposal site.

281.1.47 Waste radioactive materials - defined

“waste radioactive materials” means any waste material exhibiting the property of spontaneous disintegration of atomic nuclei usually with the emission of penetrating radiation or particles.

Article 2

DISCHARGES - SANITARY SEWERS

281.2.1 Discharge - hazardous - limited

No person shall, whether directly or indirectly, discharge or deposit or cause or permit the discharge or deposit of matter of a kind listed in Section 281.2.2 or Article 3 into or in land drainage works, private branch drains or connections to any sanitary sewer.

281.2.2 Health - safety - damaging - prohibited

No person shall discharge or deposit matter 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, or which may be or may become harmful to a sewage works, or which may cause the sewage works effluent to contravene any requirement by or under the *Ontario Water Resources Act* or the *Environmental Protection Act* (Ontario), or which may cause the sludge from sewage works to fail to meet the criteria relating to contaminants for spreading the sludge on agricultural lands under *Ontario's Guidelines for Sewage Sludge Utilization on Agricultural Lands* (as revised January, 1986) unless the person has been advised in writing by the operator of the sewage treatment works that the sludge from the sewage treatment works will never be used on agricultural lands, or which may interfere with the proper operation of a sewage works, or which may impair or interfere with any sewage treatment process, or which is or may result in a hazard to any person, animal, property or vegetation.

Article 3

SUBSTANCES - PROHIBITED

281.3.1 General limitations - obstruction - odour - toxins

Without limiting the generality of Article 2, the discharge or deposit of any of the wastes set out in Sections 281.3.2 through 281.3.20 is prohibited.

281.3.2 Solids - causing obstructions - prohibited

Solid or viscous substances in quantities or of such size as to be capable of causing obstruction to the flow in a sewer, including but not limited to ashes, bones, cinders, sand, mud, straw, shavings, metal, glass, rags, fibres, feathers, grease, tar, plastics, wood, unground garbage, animal guts or tissues, paunch manure, and whole blood are prohibited.

281.3.3 Offensive odour - sewage - prohibited

Sewage that may cause an offensive odour to emanate from a 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 that may cause an offensive odour are prohibited.

281.3.4 Storm water - drainage - prohibited

Stormwater, water from drainage of roofs, or land, water from a water-course or uncontaminated water are prohibited.

281.3.5 Water - other source

Water other than stormwater that has originated from a source separate from the water distribution system of the municipality are prohibited.

281.3.6 Temperature - greater than 65 degrees C

Sewage or uncontaminated water at a temperature greater than 65 degrees Celsius is prohibited.

281.3.7 pH - restrictions

Sewage having a pH less than 6.0 or greater than 9.5 is prohibited.

281.3.8 Extractable matter - mineral - synthetic origin

Sewage containing more than 15 milligrams per litre of solvent extractable matter of mineral or synthetic origin is prohibited.

281.3.9 Extractable matter - animal - vegetable origin

Sewage containing more than 100 milligrams per litre of solvent extractable matter of animal or vegetable origin is prohibited.

281.3.10 COD - exceeding 1000 mg/litre

Sewage in which chemical oxygen demand exceeds 1000 milligrams per litre is prohibited.

281.3.11 BOD - exceeding 300 mg/litre

Sewage in which the biochemical oxygen demand exceeds 300 milligrams per litre is prohibited.

281.3.12 Suspended solids - exceeding 350 mg/litre

Sewage containing more than 350 milligrams per litre of suspended solids is prohibited.

281.3.13 Phosphorus - exceeding 10 mg/litre

Sewage containing more than 10 milligrams per litre of phosphorus is prohibited.

281.3.14 Kjeldahl nitrogen - 100 mg/litre

Sewage containing more than 100 milligrams per litre of Kjeldahl nitrogen is prohibited.

281.3.15 Phenolic compounds - exceeding 1 mg/litre

Sewage containing more than 1 milligram per litre of phenolic compounds is prohibited.

281.3.16 Separate liquid layers

Sewage which consists of two or more separate liquid layers is prohibited.

281.3.17 Dyes - colouring materials

Sewage containing dyes or colouring materials which pass through a sewage works and discolour the sewage works effluent is prohibited.

281.3.18 Chemical concentrations

Sewage containing any of the following in excess of the indicated concentrations is prohibited:

1500 milligrams/litre

Chlorides expressed as Cl
Sulphates expressed as SO₄

50 milligrams/litre

Aluminum expressed as Al
Iron expressed as Fe

10 milligrams/litre

Fluorides expressed as F

5 milligrams/litre

Antimony expressed as Sb
Barium expressed as Ba
Bismuth expressed as Bi
Chromium expressed as Cr
Cobalt expressed as Co
Lead expressed as Pb
Manganese expressed as Mn
Molybdenum expressed as Mo
Selenium expressed as Se
Silver expressed as Ag
Tin expressed as Sn
Titanium expressed as Ti
Vanadium expressed as V

3 milligrams/litre

Copper expressed as Cu
 Nickel expressed as Ni
 Zinc expressed as Zn

2 milligrams/litre

Cyanide (total) expressed as CN

1 milligram/litre

Arsenic expressed as As
 Cadmium expressed as Cd

0.1 milligrams/litre

Mercury expressed as Hg

281.3.19 Fuels - PCBs - toxins - radioactive - other

The following materials or sewage containing any of the following in any amount are prohibited:

Fuels
 PCBs
 Pesticides
 Severely Toxic Materials
 Waste Radioactive Materials

281.3.20 Hauled sewage - waste leachate

The following materials or sewage containing any of the following in any amount are prohibited:

Hauled Sewage
 Waste Disposal Site Leachate

281.3.21 Hazardous wastes

The following hazardous wastes in any amount are prohibited:

Acute Hazardous Waste Chemicals
 Hazardous Industrial Wastes
 Hazardous Waste Chemicals
 Ignitable Wastes
 Pathological Wastes
 PCB Wastes
 Reactive Wastes

Article 4 EXCEPTIONS

281.4.1 Dilution - prohibited substances - prohibited

In determining whether the limit with respect to any matter described in Section 281.2.1 is contravened, the volume of any water that has been added for the purpose of enabling the limit to be met shall be disregarded for the purposes of calculating whether the limit has been met so that compliance with the limit cannot be attained by dilution.

281.4.2 Human waste - exemption

Sections 281.3.3 and 281.3.21 do not apply to prevent the discharge of human waste.

281.4.3 Water taken - separate source - approval required

Section 281.3.5 does not apply to prevent the discharge of:

- (a) water taken in an amount greater than 50,000 litres per day from a separate source when the owner or operator of the premises has a Permit To Take Water issued by the Ontario Ministry of the Environment and a copy of such permit has been provided to the municipality; or
- (b) water taken in an amount less than 50,000 litres per day from a separate source when the owner or operator of the premises has provided the municipality with the following information:
 - (i) address of premises where the water is being used;
 - (ii) location of the water source; and
 - (iii) amount of water being taken.

281.4.4 Radioactive waste - licence required

Section 281.3.19 does not apply to prevent the discharge of waste radioactive materials where they are being discharged in accordance with a licence from the Atomic Energy Control Board and a copy of the licence has been provided to the municipality or to the discharge of de minimis waste.

281.4.5 PCBs - approval - required - limited concentration

Section 281.3.19 does not apply to prevent the discharge of PCBs when:

- (a) the owner or operator of the premises has a certificate of approval relating to the premises from the Ontario Ministry of the Environment which expressly allows the discharge or

written approval from the Director of the Ontario Ministry of the Environment which expressly authorizes the discharge from the premises;

- (b) the owner or operator of the premises has written approval from the municipality which expressly authorizes the discharge from the premises;
- (c) the discharge contains a concentration of less than 5 micrograms per litre of PCBs; and
- (d) a copy of the certificate of approval or written authorization referred to in Section 281.4.5(a) has been provided to the municipality.

281.4.6 Waste - leachate - approval required

Section 281.3.20 does not apply to prevent the discharge of waste disposal site leachate when:

- (a) the waste disposal site leachate is being discharged pursuant to 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;
- (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 written authorization referred to in Section 281.4.6(a) has been provided to the municipality.

281.4.7 Hauled sewage - licence - approval - requirements

Section 281.3.20 does not apply to prevent the discharge of hauled sewage when:

- (a) the carrier of the hauled sewage is a waste transportation system operating under a licence issued under Part VII of the *Environmental Protection Act* (Ontario);
- (b) the carrier has written approval from the municipality in the form of an annual permit as set out in Schedule 'F' to this Chapter.

281.4.8 Pathological waste - decontaminated - approved

Section 281.3.21 does not apply to prevent the discharge of pathological waste that has been decontaminated prior to discharge when:

- (a) the owner or operator of the premises has a certificate of approval from the Ontario Ministry of the Environment which expressly allows the discharge or written approval from the Director of the Ontario Ministry of the Environment which expressly authorizes the discharge from the premises;
- (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 written authorization referred to in Section 281.4.8(a) has been provided to the municipality.

281.4.9 Cooling water - blowdown - approval required

Section 281.5.3(g) does not apply to prevent the discharge of one-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 premises 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 Section 281.4.9(a) has been provided to the municipality.

281.4.10 Industrial process - disposal

The provisions of Section 281.5.3 apply only to:

- (a) the discharge of stormwater runoff from industrial process areas to a storm sewer; and
- (b) any stormwater discharge to a storm sewer to which the matter prohibited by Section 281.5.2 has been added for the purpose of disposing of the matter.

281.4.11 Stormwater runoff - approval required

The provisions of Sections 281.5.3 (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) which has been prepared in accordance with Schedule 'A'.

Article 5

STORM SEWERS - DISCHARGE

281.5.1 Discharge - prohibited

No person shall, whether directly or indirectly, discharge or deposit or cause or permit the discharge or deposit of matter of a kind listed in Section 281.5.2 and 281.5.3 into or in any land drainage works, private branch drains or connections to any storm sewer.

281.5.2 General limitations - obstruction - hazardous

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 to any person, animal, property or vegetation;
- (d) impair the quality of the water in any well, lake, river, pond, spring, stream, reservoir or other water or water-course; or
- (e) result in the contravention of an approval, requirement, direction or other order under the *Ontario Water Resources Act* or the *Environmental Protection Act* (Ontario) with respect to the storm sewer or its discharge;

is prohibited.

281.5.3 Specific limitations - temperature - solids - toxins

Without limiting the generality of Section 281.5.2, any of the following:

- (a) water at a temperature greater than 40° 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 materials which discolour the water;
- (e) water containing solvent extractable matter of animal or vegetable origin or of mineral or synthetic origin 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

Faecal 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

are prohibited.

Article 6 REPORTS

281.6.1 Discharge prohibited - effective date

Notwithstanding Articles 2 through 5 inclusive, the owner or operator of any industrial premises or class of industrial premises listed in Schedule 'B' shall not discharge or deposit or cause or permit the discharge or deposit of sewage into or in land drainage works, private branch drains or connections to any sanitary sewer or storm sewer, after the date which is 30 days from the date on which the municipality has requested the said owner or operator to complete a Waste Survey Report.

281.6.2 Exception - Waste Survey Report - filed

Section 281.6.1 does not apply with respect to any industrial premises for which a current Waste Survey Report prepared in accordance with Sections 281.6.3 and 281.6.4 has been filed at the municipality.

281.6.3 Waste Survey Report - contents

The Waste Survey Report shall contain the following information and shall be signed by an authorized representative of the owner or operator:

- (a) name and address of the premises and names of its owner and operator;
- (b) description of process operations, including waste discharge rates and contaminant concentrations, hours of operation and Canadian or U.S. Standard Industrial Classification codes;
- (c) schematic process diagram indicating waste discharge points and waste descriptions;
- (d) the generator registration number, if any, assigned with respect to the premises under Ontario Regulation 309, as amended, made under the *Environmental Protection Act* (Ontario); and

- (e) the waste class, hazardous waste number, primary and secondary characteristics, waste disposal site and analytical data and the name of the laboratory if any, furnished to the Ontario Ministry of the Environment under Ontario Regulation 309, as amended, made under the *Environmental Protection Act* (Ontario) relating to all materials disposed of;
- (f) complete W.H.M.I.S chemical list.

281.6.4 Waste Survey Report - Schedule `B1`

The Waste Survey Report shall be in the form attached as Schedule `B1`.

281.6.5 Information - change - requirement - time limitation

Where a change occurs in the information required under Section 281.6.3(a) contained in a Waste Survey Report, the owner or operator of the premises shall submit the new information within 30 days of the change.

281.6.6 Changes - time to comply

Where a change occurs in any information required under Sections 281.6.3 (b), (c), (d), or (e) described in a Waste Survey Report, the owner or operator of the premises shall not discharge or deposit or cause or permit the discharge or deposit of sewage into or in land drainage works, private branch drains or connections to any sanitary sewer or storm sewer, after 60 days after the change occurs unless a new Waste Survey Report has been submitted setting out the change.

281.6.7 Chemical list - W.H.M.I.S. - submitted - yearly

The owner or operator of the premises shall submit to the municipality on a yearly basis a revised W.H.M.I.S. chemical list as required in Section 281.6.3(f).

Article 7

AGREEMENT - RECEIVE - TREAT - WASTES - UNUSUAL

281.7.1 Conditions - surcharge - calculated

If the wastes of any person are of such unusual strength and/or character with respect to suspended solids concentration and/or biochemical oxygen demand concentration or chemical oxygen demand concentration that compliance with this Chapter is not possible, the City of Brantford may agree to accept the wastes, provided the said wastes are in no way detrimental to the operation of the Water Pollution Control Plant, subject to the person entering into an agreement with the City of Brantford, to provided for payment of the sewage service rate surcharge, to be calculated according to the terms of the Sewage Service Rate By-law, [Chapter 277, City of Brantford Municipal Code] or a method determined by the Engineer, and to be applied to the cost of processing the said wastes.

281.7.2 Agreement - signed - exemptions - applicable

A person who has entered into an agreement with the City of Brantford, pursuant to the provisions of Section 281.7.1, shall not be prosecuted under the terms of this Chapter with respect to suspended solids concentration, biochemical oxygen demand concentration and chemical oxygen demand concentration. This Chapter shall continue to apply to all other aspects of the person's waste except as otherwise provided.

Article 8

COMPLIANCE PROGRAM

281.8.1 Discharge - non-complying - exception

A compliance program may be issued as set out in Sections 281.8.2 through 281.8.7 and Section 281.8.11 for the discharge of a non-complying effluent during the period of planning, design, construction or installation of facilities to eliminate the non-compliance.

281.8.2 Industrial - owner - operator - submission - discharge

The owner or operator of industrial premises may submit to the municipality a program to prevent or to reduce and control the discharge or deposit of sewage into or in land drainage works, private branch drains or connections to any sanitary sewer from the premises.

281.8.3 Industrial - owner - operator - submission

The owner or operator of industrial premises may submit to the municipality a program to prevent or to reduce and control the discharge or deposit of uncontaminated water or stormwater or eliminate the discharge or deposit of sewage into or in land drainage works, private branch drains or connections to any storm sewer from the premises.

281.8.4 Submission - approval - issued

The municipality may issue an approval for a compliance program to the person who submitted the program.

281.8.5 Duration - remedial action - specified - date

Every compliance program shall be for a specified length of time during which the facilities are to be installed and shall be specific as to the remedial actions to be implemented, the dates of commencement and completion, and the materials or other characteristics of the sewage, uncontaminated water or stormwater to which it relates.

281.8.6 Final activity - completion date

The final activity completion date shall not be later than the final compliance date in the compliance program.

281.8.7 Execution - authority - Schedule 'D'

The compliance program shall be in the form of Schedule 'D' and, upon recommendation of the Pollution Control Manager, the Director of Environmental Services of the municipality is authorized to execute such compliance programs under the authority of this Chapter.

281.8.8 Progress report - submitted - upon completion

A person to whom a compliance program has been issued shall submit a compliance program progress report within 14 days after the scheduled completion date for each activity listed in the compliance program.

281.8.9 Report - form - Schedule 'E'

The compliance program progress report shall be in the form of Schedule 'E'.

281.8.10 Approval required - other than - municipality

Where the operating authority for the sewage treatment plant, land drainage works, or storm sewer which is receiving sewage, uncontaminated water or stormwater from the premises identified in the letter of compliance program is not the municipality, the compliance program does not become effective unless the operating authority has reviewed and approved the compliance program.

281.8.11 Compliance - prosecution - exempt

A person to whom a compliance program has been issued shall not be prosecuted under Articles 2 through 5 inclusive of this Chapter for the discharge or deposit of sewage, uncontaminated water or stormwater containing the materials 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 is being fully complied with.

281.8.12 Surcharge - levied - by municipality - during program

The municipality shall levy a surcharge as described in Section 281.7.1 for non-complying wastes specified in the compliance program during the period within which the compliance program is applicable.

281.8.13 Self-monitoring - during program - as required

The municipality may require the person to self-monitor for such parameters as specified in the compliance program for the duration in which the compliance program is applicable.

281.8.14 Self-monitoring - cost - paid by operator

All costs associated with self-monitoring shall be the responsibility of the person to whom the compliance program is issued.

Article 9**SAMPLING - ANALYSES****281.9.1 Required - for determination**

Where a sample is required for the purpose of determining the characteristics or contents of the sewage, uncontaminated water or stormwater, to which reference is made in this Chapter, the provisions of Sections 281.9.2 through 281.9.5 inclusive shall apply.

281.9.2 Number - type - method

One sample alone is sufficient and, without limiting the generality of the foregoing the sample may be a grab sample or a composite sample, may contain additives for its preservation and may be collected manually or by using an automatic sampling device.

281.9.3 Standard Methods - followed

Except as otherwise specifically provided in this Chapter, all tests, measurements, analyses and examinations of sewage, uncontaminated water and stormwater, shall be carried out in accordance with Standard Methods.

281.9.4 Metal - dissolved - particulate - quantity

For each one of the following metals: aluminum, antimony, arsenic, bismuth, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, tin, titanium, vanadium and zinc whose concentration is limited in Sections 281.3.18 and 281.5.3(f), the analysis shall be for the quantity of total metal, which includes all metal both dissolved and particulate.

281.9.5 Cyanide - phosphorous - analysis - total quantity

For each of cyanide and phosphorous, the analysis shall be for the total quantity.

Article 10**SPILLS - NOTIFICATION****281.10.1 Discharge - accidental - sewage - agency responsible**

Every person who discharges or deposits or causes or permits the discharge or deposit of sewage into or in land drainage works, private branch drains or connections to any sanitary sewer shall, if such discharge or deposit is not in the ordinary course of events forthwith notify the municipality or the agency responsible for operating the sewage works receiving the discharge or deposit.

281.10.2 Discharge - unordinary - uncontaminated - notice

Every person who discharges or deposits or causes or permits the discharge or deposit of sewage or uncontaminated water or stormwater into or in land drainage works, private branch drains or connections to any storm sewer shall, if such discharge or deposit is not in the ordinary course of events forthwith notify the municipality or agency responsible for managing the land drainage works or storm sewer.

281.10.3 Discharge - toxins - agency responsible

Every person who discharges or deposits or causes or permits the discharge or deposit of any of the items listed in Sections 281.3.19 and 281.3.21 into or in land drainage works, private branch drains or connections to any sanitary sewer shall, forthwith notify the municipality or the agency responsible for operating the sewage works receiving the discharge or deposit.

281.10.4 Discharge - deposit - waste - agency responsible

Every person who discharges or deposits or causes or permits the discharge or deposit of any of the items listed in Sections 281.5.3 (h) and (i) into or in land drainage works, private branch drains or connections to any storm sewer shall forthwith notify the municipality or agency responsible for managing the land drainage works or storm sewer.

281.10.5 Information - required - name - address - time - type

For any of the discharges in Sections 281.10.1 through 281.10.4 inclusive, for which the person is required to forthwith notify the municipality or agency, the notification shall include the following information and shall be verbal or by personal contact:

- (a) company name, address and location of the spill;
- (b) name of person reporting the spill and telephone number where that person can be reached;
- (c) what agencies were notified of the spill and corresponding notification times;
- (d) time of the spill;
- (e) complete description of the spill, including type and volume of material discharged and any associated hazards as would be outlined on a material safety data sheet;
- (f) did spilled material enter the sanitary or storm sewer system or any land drainage works, etc.;
- (g) actions taken to prevent the material from leaving the property;
- (h) detailed description of clean-up procedures on or off your property (include dates, times and list of any contracted assistance you may have received during the clean-up);
- (i) corrective actions being taken to prevent a similar occurrence in the future.

281.10.6 Report - to be filed - within 5 days

Within five days following a discharge to which Section 281.10.5 applies, the person shall submit to the municipality or agency a detailed written report describing the cause of the spill and the actions taken or to be taken to prevent a recurrence and shall include a detailed description of the items contained in Section 281.10.5.

Article 11 GENERAL PROVISIONS

281.11.1 Observations - sampling - measurement - alternative

The owner or operator of industrial premises with one or more connections to a sewage works shall install and maintain in good repair in each connection a suitable manhole to allow observation and sampling of the sewage and measurement of the flow of sewage therein, provided that where installation of a manhole is not possible, an alternative device or facility may be substituted with the written approval of the Director of Environmental Services of the municipality.

281.11.2 Location - on premises

The manhole or alternate device shall be located on the property of the owner or operator of the premises, unless the Director of Environmental Services of the municipality has given written approval for a different location.

281.11.3 Design - construction - maintenance - owner's expense

Every manhole, device or facility installed as required by Section 281.11.2 shall be designed and constructed in accordance with good engineering practice and the requirements of the municipality, and shall be constructed and maintained by the owner or operator of the premises at his/her expense.

281.11.4 Accessibility - observation - sampling - measurement

The owner or operator of industrial premises shall at all times ensure that every manhole, device or facility installed as required by Section 281.11.2 is at all times accessible for purposes of observing and sampling the sewage and measuring the flow of sewage therein.

281.11.5 Discharges - monitor - submit reports

The municipality may require the owner or operator of industrial premises to install and maintain devices to monitor sewage discharges and to submit regular reports regarding the discharges to the municipality.

281.11.6 Administration - appointed - inspect - sample

For the purpose of the administration of this Chapter, a person appointed by Council for the purpose may, upon production of his/her identification, enter any industrial premises, to observe, to measure the flow of sewage to any sewer and to collect any samples required.

281.11.7 Break - damage - destroy - deface - prohibited

No person shall break, damage, destroy, deface or tamper 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 purpose of measuring, sampling and testing of sewage.

281.11.8 Agreement - program - terminated - non-compliance

The agreement contemplated by Article 7 and the compliance program contemplated by Article 8 may be terminated by the municipality on 30 days written notice if the discharge of sewage covered by such agreement or compliance program is causing contravention of Sections 281.2.2 and 281.5.2 of this Chapter.

281.11.9 Agreement - program - terminated - emergency

The agreement contemplated by Article 7 and the compliance program contemplated by Article 8 may be terminated by the municipality by written notice at any time where there is an emergency situation of immediate threat or danger to any person, property, plant or animal life, or waters. By-law 168-90, 9 October, 1990.

**Article 12
ENFORCEMENT**

281.12.1 Fine - for contravention - other than corporation

Every person other than a corporation who contravenes any provision of this Chapter 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, exclusive of costs, for a first offence and \$25,000 for any subsequent offence, and every such fine shall be recoverable under the *Provincial Offences Act*.

281.12.2 Fine - for contravention - corporation

Despite Section 281.12.1, if a corporation is convicted of an offence under Section 281.12.1, the maximum penalty that may be imposed on the corporation is \$50,000, exclusive of costs, for a first offence and \$100,000, exclusive of costs, for any subsequent offence, and not as provided in Section 281.12.1. By-law 55-92, 23 March, 1992.

Article 13
REPEAL - ENACTMENT

281.13.1 By-law - previous

By-law 122-75, as amended by By-law 103-77, is hereby repealed.

281.13.2 Effective date

This Chapter shall come into full force and effect on the final passing of the enabling by-law. By-law 168-90, 9 October, 1990.

SEWER SYSTEM REGULATION

SCHEDULE

Schedule `A` - Best Management Practices (BMP) Plan

A Best Management Practices Plan is a plan agreed to by the municipality with guidance from the Ontario Ministry of the Environment and is developed for activities which are associated with or ancillary to industrial manufacturing or treatment processes. The ancillary sources addressed in BMP plan are material storage areas; loading and unloading areas; plant site runoff; in-plant transfer, process, and material handling areas; and sludge and hazardous waste disposal areas. In general, the BMP Plan will include practices used by industry for pollution control from these sources, safety programs, fire protection, protection against loss of valuable raw materials or products, etc. The following elements must be included in a BMP Plan:

General

1. Name and location of facility
2. Statement of BMP policy and objectives
3. Review by plant manager

Specific

1. Establishment of BMP Committee
2. Risk Identification and Assessment
3. Reporting of BMP Incidents
4. Materials Compatibility
5. Good Housekeeping
6. Preventive Maintenance
7. Inspection and Records
8. Security
9. Employee Training

By-law 168-90, 9 October, 1990; Schedule `A`.

SEWER SYSTEM REGULATION

Schedule `B` - Industrial sectors

CATEGORY	SIC	SIC (CANADIAN)
Construction Industry	1600-1799	4011-4499
Food and Kindred Products		
Meat	2011-2013	1011
Poultry	2016-2017	1012
Dairy	2021-2026	1041-1049
Fruit and Vegetables	2032-2038	1031-1032
Grain Mills	2041-2048	1051-1059
Fats and Oils	2074-2079	1061
Bakery Products	2051-2052	1071-1072
Sugar Processing	2061-2067	1081-1089
Beverages	2082-2087	1111-1141
Seafood Processing	2091-2092	1021
Misc. Food Processing	2095-2099	1091-1099
Tobacco	2110-2141	1211-1221
Textile Mill Products		
Primary Textiles	2211-2269	1800-1899
Textile Products	2271-2299	1900-1999
Apparel & Other Textile Products	2311-2399	2441-2499
Lumber and Wood Products		
Timber Products Processing	2411-2499	2511-2599
Wood Preserving	2491	2591
Wood and Metal Furniture Manuf.	2510-2599	2611-2699
Paper and Allied Products		
Pulp, Paper & Paperboard Mills	2600-2631	2711-2712
Misc. Converted Paper Products	2640-2655	2731-2799
Building Paper and Board Mills	2661	2713-2719
Printing and Publishing	2700-2799	2811-2899
Chemicals and Allied Products		
Inorganic Chemicals Manufact.	2810-2819	3711
Phosphate Manufacturing	2819	3721-3729
Plastics, Resins & Synthetic Fibres Man.	2821-2824	3731

SEWER SYSTEM REGULATION

Pharmaceutical Manufacturing	2830-2834	3741
Soaps and Cosmetics	2840-2844	3761-3771
Paints, Varnishes Manufacturing	2851	3751
Gums and Wood Chemicals	2861	3712
Dye Manufacture	2865	3712
Organic Chemicals & Pesticide Man.	2869	3712
Pesticide Formulation	2879	3712
Fertilizer Manufacture	2873-2875	3721-3729
Adhesives and Sealants	2891	3792
Explosives	2892	3711
Ink Manufacture	2893	3791
Carbon Black	2895	3711
Chemicals & Chemical Preparation	2899	3711
Petroleum Refining	2911	3611
Paving and Roofing Materials	2951-2952	3699
Coal & Petroleum Products	2991-2999	3612-3698
Rubber and Misc. Plastic Products		
Rubber Products	3011-3069	1500-1599
Plastics Moulding	3070-3079	1600-1699
Leather and Leather Products		
Leather Tanning and Finishing	3111	1711
Leather Goods	3131-3199	1712-1719
Stone Clay and Glass Products		
Stone, Clay and Glass Products	3200-3299	3511-3599
Asbestos Manufacturing	3292	3592
Glass Manufacturing	3211-3229	3561-3562
Cement Manufacturing	3271-3273	3521-3551
Primary Metal Industries		
Iron and Steel	3300-3317	2911-2921
Foundries	3321-3325	2941
Nonferrous Metals Forming/Manu.	3331-3369	2951-2999
Aluminum Forming	3353-3355	2951
Copper Forming	3351-3357	2959

SEWER SYSTEM REGULATION

Misc. Primary Metal Products	3390-3399	2999
Fabricated Metal Products		
Metal Finishing	3411-3469	3011-3099
Electroplating	3471	3011-3099
Coil Coating	3479	3011-3099
Ordnance and Accessories	3482-3489	3011-3099
Misc. Fabricated Metal Products	3490-3499	3011-3099
Equipment and Machinery		
Machinery Manufacturing	3500-3599	3111-3199
Electrical & Electronic Components	3612-3690	3311-3399
Battery Manufacturing	3691-3692	3391
Misc. Electrical Equipment	3693-3699	3392-3399
Transportation Equipment	3711-3799	3211-3299
Instruments & Related Products	3811-3873	3911-3914
Misc. Manufacturing	3911-3999	3921-3999
Photographic Chemicals Manu.	3861	
Transportation and Public Services		
Transportation Services	4000-4799	4511-4599
Electricity Generation & Dist.	4911-4931	4911
Water Supply	4941	4931
Waste Treatment and Disposal	4952	4999
Refuse Systems	4953	4999
Hazardous Waste Treaters	4953	4999
Wholesale and Retail Industry		
Petroleum Products Dealers	5983-5989	5111
Automobile Wrecking	5015	5911
Barrel and Drum Reclaimers	5085	5919
Scrap and Waste Materials	5093	5919
Solvent Reclaimers	5093	5919
Waste Oil Reclaimers	5093	5919
Services		
Furniture Refinishing	7641	6213
Gasoline Service Stations	5541	6331

SEWER SYSTEM REGULATION

Automobile Repair	7532-7549	6351-6399
Photographic Services	7384	6571
Hospitals and Clinics	8062-8072	8611-8619
Industrial and Commercial Laundries	7211-7219	9721-9729
Funeral Services	7261	9731
Disinfecting & Exterminating	7342	9951
Building Maintenance	7349	9952-9959

By-law 168-90, 9 October, 1990; Schedule 'B'.

SEWER SYSTEM REGULATION

Schedule `B1' - Waste Survey Report
CITY OF BRANTFORD WASTE SURVEY REPORT

SECTION 1 - General Information

(a) Name of Person Submitting Report:

(name)

(company name, corporation, owner)

(telephone no.)

(postal address)

(postal code)

(b) Company Officer responsible for effluent control:

(name)

(telephone no.)

(c) Location of Premises:

(name, street, or road, municipality)

(d) Do you own/lease warehouse/manufacturing space elsewhere in the municipality? yes no

If yes, supply name and address

(name, street, or road, municipality)

(e) Do you own the facility described in (c)? yes no

If no, supply name and address of owner

(name, street, or road, municipality)

SEWER SYSTEM REGULATION

The information contained in this report to the best of my knowledge and belief is true, complete and accurate.

(authorized representative)

(title)

(date)

SEWER SYSTEM REGULATION

SECTION 2 - Product or Service Information

(a) Canadian or Standard Industrial Classification Codes (SIC)

These are Canadian SICs or SICs.

(b) Brief description of manufacturing or service activities:

(c) Principal products produced or services rendered:

(d) Number of employees:

plant: office:

(e) Number of shifts per day: Number of days per week:

(f) Are major processes:

batch continuous both

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

(g) Is the production subject to seasonal variation?

yes no

If yes, briefly describe seasonal production cycle:

(h) Is there a special clean-up period? yes no

If yes, briefly describe clean-up period activities:

(i) Attach a copy of your complete W.H.M.I.S. chemical list.

SEWER SYSTEM REGULATION

SECTION 3 - Waste Characteristics

(a) List all sources of water supply:

(b) List number of water meters, size and Public Utilities Commission account number.

SIZE	ACCOUNT NUMBER
.....
.....
.....
.....

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

TYPE		AVE. FLOW/DAY (m ³ /day)
<input type="checkbox"/> sanitary	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> non-contact cooling	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> contact cooling	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> process	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> other	<input type="checkbox"/> estimated <input type="checkbox"/> measured

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

TYPE	AVE. FLOW/DAY (m ³ /day)	
<input type="checkbox"/> sanitary #1	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> sanitary #2	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> storm sewer #1	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> storm sewer #2	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> ground water	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> surface water	<input type="checkbox"/> estimated <input type="checkbox"/> measured
<input type="checkbox"/> evaporation	<input type="checkbox"/> estimated <input type="checkbox"/> measured

(attach additional list as necessary)

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

SEWER SYSTEM REGULATION

SECTION 4 - Physical Lay-out

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

(b) Process flow diagram to show equipment used and waste discharge points. (Number sewers so that they can be related to 4(a)).

SECTION 5 - Regulation 309 Information

(a) Generator registration number:

SECTION 6 - Regulation 309 Information

Complete Section 6 for *each* registered waste.

(a) Description of waste:

(b) Description of generating process:

(c) Primary characteristic:

Analytical data (if applicable) :

Name of Laboratory (if applicable) :

Waste Class: Hazardous Waste Number:

(d) Secondary characteristic:

Analytical data (if applicable) :

(e) Disposal site:

SEWER SYSTEM REGULATION

SECTION 7 - Pretreatment

Complete this Section for each sewer connection.

Information for: sanitary sewer storm sewer

Sewer number:

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

- Air flotation
- Centrifuge
- Chemical precipitation
- Chlorination
- Cyclone
- Filtration
- Flow Equalization
- Grease or oil separation, type
- Grease trap
- Grit Removal
- Ion Exchange
- Neutralization, pH correction
- Ozonation
- Reverse Osmosis
- Screening
- Sedimentation
- Septic tank
- Solvent separation
- Spill protection
- Sump
- Biological treatment, type
- Rainwater diversion or storage
- Other chemical treatment, type
- Other physical treatment, type
- Other, type
- No pretreatment provided

SECTION 8 - Pollutant Information Sheet (Controlled Substances)

Complete this Section for each sewer connection.

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 concen-

SEWER SYSTEM REGULATION

tration in milligrams per litre. Please attach copies of laboratory reports where applicable.

PARAMETER	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT	CONCEN mg/litre
1. chlorides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. sulphates	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. aluminum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. iron	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. fluoride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. phosphorus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. antimony	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. bismuth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. chromium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. cobalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. lead	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. manganese	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. molybdenum	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. selenium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15. silver	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. tin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. titanium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18. vanadium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19. copper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20. cyanide	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21. nickel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22. zinc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23. arsenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24. cadmium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25. phenolic compounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26. mercury	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27. Barium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28. COD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29. BOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
30 TSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
31. oil & grease (animal/veg)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
32. oil & grease (mineral/syn)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
33. Kjeldahl nitrogen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SEWER SYSTEM REGULATION

SECTION 9 - Pollutant Information Sheet (Zero Discharge Substances)

Complete this Section for each sewer connection.

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 quantity in kg/month.

PARAMETER	KNOWN PRESENT	SUSPECTED PRESENT	KNOWN ABSENT	SUSPECTED ABSENT	CONCEN kg/month
34. pesticides	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
35. acute hazardous waste chemicals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
36. fuels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37. hazardous indus. wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
38. hazardous waste chemicals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39. ignitable wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40. pathological wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
41. PCB wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
42. reactive wastes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
43. severely toxic materials	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
44. waste radio active material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

By-law 168-90, 9 October, 1990; Schedule `B1`.

SEWER SYSTEM REGULATION

Schedule `C' - (reserved)

This schedule is reserved.

SEWER SYSTEM REGULATION

- (c) The sewage is causing damage to the sewage treatment process or causing a dangerous condition in the treatment works; or
 - (d) The sewage is causing the sludge from the sewage works to fail to meet the criteria relating to contaminants for spreading the sludge on agricultural lands under *Ontario's Guidelines for Sewage Sludge Utilization on Agricultural Lands* (as revised January, 1986); or
 - (e) The sewage is causing the sewage works effluent to contravene any requirement by or under the *Ontario Water Resources Act* or the *Environmental Protection Act* (Ontario); or
 - (f) The sewage is causing a hazard to any person, animal, property, or vegetation; or
 - (g) The sewage is contrary to By-law No. in any way other than as provided herein.
4. The compliance program may be terminated at any time where there is an emergency situation of immediate threat or danger to any person, property, plant or animal life, or waters.
5. This compliance program shall remain in force until provided the following timetable is adhered to:

COMPLIANCE PROGRAM ACTIVITIES	SCHEDULED COMMENCEMENT DATE	SCHEDULED COMPLETION DATE
----------------------------------	-----------------------------------	---------------------------------

(1) Define problem

- a. Select Engineer
- b. Engineering investigation of plant conditions (industrial process review & wastewater characterization)

(2) Define solution

- a. Select treatment process & design criteria (treatability studies)

SEWER SYSTEM REGULATION

- b. Detailed design of treatment system (plans & specifications)
- c. Select contractor for installation/construction

(3) Implementation

- a. Site preparation (survey, excavation, etc.)
- b. Foundation work & under ground utilities (slabs, sewer, etc.)
- c. Structural work (bldgs., etc.)
- d. Mechanical work (control panels, eqpt., etc.)
- e. Electrical work (control panels, etc.)
- f. Site finish work (fences, clean-up, etc.)

(4) Completion

- a. Preparation of operations manual
 - b. Pretreatment system start up
 - c. Analytical verification of performance
6. You must, however, take all necessary steps to ensure that all other conditions and parameters listed in the by-law are not exceeded, as there are no other exemptions.
7. This Compliance Program has been reviewed and is acceptable to the operating authority of the Sewage Treatment Plant. (This section is to be deleted where the municipality is the operating authority).

SEWER SYSTEM REGULATION

8. You must acknowledge your acceptance of this compliance program by returning a signed copy of this letter of compliance program within 30 days of your receipt of the letter.

City of Brantford

Ministry of the Environment Operating Authority

Signed and Accepted by:

Authorized Representative

Company Name

By-law 168-90, 9 October, 1990; Schedule 'D'.

SEWER SYSTEM REGULATION

Schedule `E' - Compliance Program Progress Report*

COMPANY NAME: ADDRESS:

DATE SUBMITTED: AUTHORIZED REPRESENTATIVE:

1. Compliance program number:

2. Compliance program activity description:

3. Scheduled completion date for above activity:
...
4. Activity completed on schedule? YES NO
5. If not on schedule, indicate anticipated completion date:

6. State reason for delay, if applicable:

7. What action has been initiated to return project to original schedule?

* Report is to be submitted within 14 days after scheduled completion of each activity listed in the Compliance Program.

By-law 168-90, 9 October, 1990; Schedule `E'.

SEWER SYSTEM REGULATION

Schedule `F' - Permit - annual - discharge

**Annual Permit to Discharge Hauled Sewage
or Holding Tank Wastes**

1. Name of hauler:
2. Address of hauler:

3. Ministry of the Environment Certificate of Approval No. :

(attach copy of certificate)

4. Vehicle licence number and tank capacity
Licence Number Tank Capacity
.....
.....

5. Signature of hauler:

Date:, 19

Date of issue:, 19

6. Permit expires on December 31, 19

7. Annual permit Fee: \$25.00 - non-refundable

8. Disposal fees:

- (1) Holding tank: \$10.00 per truck load;
- (2) Septic tank: \$50.00 per truck load;
- (3) Mixture of septic and holding tanks: \$50.00 per truck load.

Note: Random samples shall be taken of waste being disposed of. Any truck load of waste whose chemical oxygen demand concentration exceeds two thousand (2000) milligrams per litre shall be assessed at the septic tank rate.

A truck load of waste shall be considered to be sixteen (16) cubic metres or less. Volumes greater than this amount shall be counted as additional loads.

SEWER SYSTEM REGULATION

9. Disposal location

All waste shall be disposed of at the Brantford Water Pollution Control Plant, Mohawk Road, in a location to be designated by the Operating Authority of the Water Pollution Control Plant.

10. Hours of disposal

Waste shall be disposed of between the hours of 8:00 a.m. and 4:30 p.m. Monday to Friday. Saturday, Sunday and statutory holiday disposals may be made providing prior arrangement has been made with the Operating Authority.

11. Recording

It shall be the hauler's responsibility to accurately record each truck load of waste disposed of. The required information shall include the waste generator's name and address, type of waste, volume of waste, time of disposal and driver's initials. The record books shall be kept in an accessible location to be determined by the Operating Authority.

12. Billing

The municipality shall invoice the hauler on a bi-monthly basis, beginning with January of each year for all truck loads of waste disposed of during the billing period.

13. Cleanliness

It shall be the hauler's responsibility to ensure that the designated truck unloading area is kept free from all waste material.

14. Geographical Boundaries

Only wastes generated within Brant County shall be disposed of at the Brantford Water Pollution Control Plant.

15. Waste types

Only waste of human origin contained in septic and holding tanks will be accepted for disposal. All industrial wastes are prohibited.

16. Authority

While the hauler is at the Brantford Water Pollution Control Plant, he/she shall adhere to all instructions given by the Operating Authority personnel.

SEWER SYSTEM REGULATION

17. Ministry of the Environment Certificate of Approval

The hauler shall provide a copy of the Ministry of the Environment Certificate of Approval as issued under Part VII of the *Environmental Protection Act* (Ontario) to the municipality.

18. Suspension of privileges

Suspension of privileges to dispose of waste at the Brantford Water Pollution Control Plant will result for failure to comply with any of the foregoing clauses. Suspension will also result for failure to pay an invoice after ninety (90) days from the date of issue.

By-law 168-90, 9 October, 1990; Schedule 'F'.