

THE CORPORATION OF THE CITY OF NORTH BAY

By-Law No. 2002-112

Sewer Use By-Law

Being a by-law to regulate the chemical and physical characteristics of water and wastewater discharges to a sewer or storm sewer system in the City of North Bay.

Table of Contents	Page
Section 1: Definitions	2
Section 2: Sanitary Sewers	5
Section 3: Storm Sewers	7
Section 4: Discharger Self Monitoring	8
Section 5: Pollution Prevention Planning and Reporting	9
Section 6: Surcharge Agreements	9
Section 7: Discharge Agreements	10
Section 8: Sampling and Analytical Requirements	11
Section 9: Spills	11
Section 10: General	11
Section 11: Sewer Connections	14
Section 12: Confidential Information	17
Section 13: Offences	17
Section 14: Repeal	18
Table 1: Limits for Sanitary Sewer Discharges	19
Table 2: Limits for Storm Sewer Discharges	20
Table 3: Sewage and Waste Water Disposal Fees	21
Appendix 1: Subject Pollutants	22
Appendix 2: Subject Sectors	23
Schedule "A" : Application Form for A Discharge Agreement for Hauled Sewage or Hauled Industrial Wastewater	24

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Sewer Use Bylaw

The Corporation of the City of North Bay hereby enacts as follows:

Section 1: Definitions:

- a) “acute hazardous waste chemical” means acute hazardous waste chemical within the meaning of Ont. Reg. 347, as amended from time to time, as made under the *Environmental Protection Act* R.S.O. 1990;
- b) “biochemical oxygen demand (BOD)” means the 5-day BOD which is the determination of the molecular oxygen utilized during a 5-day incubation period for the biochemical degradation of organic material, and the oxygen used to oxidize inorganic material such as sulphides and ferrous iron, and the amount of oxygen used to oxidize reduced forms of nitrogen;
- c) “biosolids” means organic solid materials recovered from the wastewater treatment process;
- d) “blowdown water” means recirculating water that is discharged from a cooling or heating water system for the purpose of controlling the level of water in the system or for the purpose of discharging from the system materials contained in the system, the further build-up of which would or might impair the operation of the system;
- e) “City” means the Corporation of the City of North Bay;
- f) “City Engineer” means the North Bay City Engineer responsible for the Engineering and Environmental Services Division of the City of North Bay or his/her duly authorized representative;
- 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 37.5 ° C (degrees Celsius) and not greater than 93.3 ° C (degrees Celsius);
- i) “composite sample” means a volume of sewage, storm water, uncontaminated water, or effluent made up of three or more grab samples that have been combined automatically or manually and taken at intervals during the sampling periods;
- j) “connection” or “drain” means that part or those parts of any pipe or system of pipes leading directly to a sewage works;
- k) “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 raw material, intermediate product, waste product, or finished product, but does not include blowdown water;
- l) “double municipal sewer connection” means a municipal connection providing service to two or more premises;
- m) “fuel” means alcohol, gasoline, naphtha, diesel fuel, fuel oil or any other ignitable substance intended for use as a fuel;
- n) “grab sample” means a volume of sewage, storm water, uncontaminated water, or effluent of at least 100 millilitres which is collected over a period not exceeding fifteen minutes;
- o) “groundwater” means water beneath the earth’s surface accumulating as a result of seepage;

- p) “hailed sewage” means waste removed from a sewage system, including a cesspool, a septic system, a privy vault, a chemical toilet, a portable toilet, or a sewage holding tank;
- q) “hailed industrial waste water” means any industrial waste water that is hauled and discharged into a sewage works excluding, hauled sewage;
- r) “hazardous industrial waste” means hazardous industrial waste within the meaning of Ont. Reg. 347, as amended from time to time, made under the *Environmental Protection Act*, R.S.O. 1990;
- s) “hazardous waste chemicals” means hazardous waste chemicals within the meaning of Ont. Reg. 347, as amended from time to time, made under the *Environmental Protection Act*, R.S.O. 1990;
- t) “ignitable waste” means a substance that,
 - i is a liquid, other than an aqueous solution containing less than 24 per cent alcohol by volume and has a flash point less than 93 °C (degrees Celsius), as determined by the Tag Closed Cup Tester (ASTM D-56-97a), the Setaflash Closed Cup Tester (ASTM D-3827-97 or ASTM D-3278-96e1), the Pensky-Martens Closed Cup Tester (ASTM D-93-97), or as determined by an equivalent test method;
 - ii is a solid and is capable, under standard temperature and pressure, of causing fire through friction, absorption of moisture or spontaneous chemical change and, when ignited, burns so vigorously and persistently that it creates a danger;
 - iii is an ignitable compressed gas (Class 2, Division D) as defined in the regulations under the *Transportation of Dangerous Goods Act*, 1992, as amended, or,
 - iv is an oxidizing substance (Class 5, Division I and 2) as defined in the regulations under the *Transportation of Dangerous Goods Act*, 1992, as amended;
- u) “industrial” means of or pertaining to manufacturing, commerce, trade, business, or institutions as distinguished from domestic or residential;
- v) “industry” means any owner or operator of industrial or commercial premises from which there is a discharge of any matter directly or indirectly into a City sanitary sewer, combined sewer or storm sewer;
- w) “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;
- x) “matter” includes any solid, liquid or gas;
- y) “municipal sewer connection” means that part of any drain leading from a private sewer connection and connected to the municipal sewer and located within the limits of the public road allowance, or other public lands or public land interests held for sewerage purposes;
- z) “pathological waste” means pathological waste within the meaning of Ont. Reg. 347, as amended from time to time, made under the *Environmental Protection Act*, R.S.O. 1990;
- aa) “PCBs” means any monochlorinated or polychlorinated biphenyl or any mixture of them or mixture that contains one or more of them;
- bb) “person” means an individual, association, partnership, corporation, municipality or an agent or employee of such a person;
- cc) “pesticide” means a pesticide regulated under the *Pesticides Act*, R.S.O. 1990;
- dd) “pollution prevention” means the use of processes, practices, materials, products or energy that avoid or minimize the creation of pollutants and

wastes, at the source;

- ee) “pollution prevention plan” means a detailed plan setting out detailed waste water objectives over a specified period and which identifies operations, measures or activities of an owner or operator of commercial, institutional or industrial premises identifying specific pollution prevention methods, as described in Section 5 of this Bylaw to meet set objectives;
- ff) “pollution prevention plan summary” or “annual report” means a summary of waste water characteristics for a calendar year with an assessment of the pollution prevention measures taken in that year or in previous years and assessing the effectiveness of the prevention measures taken to meet pollution prevention plan objectives as described in Section 5;
- gg) “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;
- hh) “reactive waste” means a substance that:
 - i) is normally unstable and readily undergoes violent changes without detonating;
 - ii) reacts violently with water
 - iii) forms potentially explosive mixtures with water;
 - iv) when mixed with water, generates toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
 - v) is a cyanide or sulphide bearing waste which, when exposed to pH conditions between 2 and 12.5 can generate toxic gases, vapours or fumes in a quantity sufficient to present danger to human health or the environment;
 - vi) is capable of detonation or explosive reaction if it is subject to a strong initiating source or if heated under confinement;
 - vii) is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure; or
 - viii) is an explosive (Class 1) as defined in the regulations under the *Transportation of Dangerous Goods Act*, R.S.O. 1992, as amended;
- ii) “sanitary sewer” means a sewer for the collection and transmission of domestic or industrial sewage or any combination thereof;
- jj) “severely toxic waste” means waste containing any contaminant listed in Schedule 3 of Ont. Reg. 347, as amended from time to time, made under the *Environmental Protection Act*, R.S.O. 1990;
- kk) “sewage” means any liquid waste containing animal, vegetable, mineral or chemical matter in solution or in suspension but does not include storm water or uncontaminated water;
- ll) “sewage works” means any works for the collection, transmission, treatment and disposal of sewage, storm water or uncontaminated water, including a combined sewer, 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 applies;
- mm) “sewer” means a pipe, conduit, drain, open channel, or ditch for the collection or transmission of sewage, storm water and/or uncontaminated water, or any combination thereof;
- nn) “spill” means a direct or indirect discharge into the sewage works, storm sewer or the natural environment which is abnormal in quantity or quality in light of all the circumstances of the discharge;
- oo) “Standard Method” means a procedure or method set out in Standard

Methods for the Examination of Water and Wastewater published jointly by the American Public Health Association, American Water Works Association and the Water Environmental Federation, latest addition;

- pp) “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;
- qq) “storm water” means water from rainfall, other natural precipitation, drainage or from the melting of snow or ice;
- rr) “subject pollutant” means the element, material or compound listed in Appendix 1 to this by-law;
- ss) “subject sector” means an industrial, commercial or institutional business or activity that directly or indirectly discharges to the City of North Bay’s Sanitary Works and the sectoral business or activity is listed in Appendix 2 to this bylaw;
- tt) “subsurface drainage pipe” means a pipe that is installed underground to intercept and convey subsurface water, and includes foundation drainpipes;
- uu) “total PAHs” means the total of all polycyclic aromatic hydrocarbons listed under Canada Ontario Agreement Tier I and II Substances Lists, i. e. anthracene, benzo(a)pyrene, benzo(a)anthracene, benzo(e)pyrene, benzo(b)fluoranthene, benzo(j)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, dibenzo(a,i)pyrene, dibenzo(a,j)acridine, 7H-dibenzo(c,g)carbazole, dinitropyrene, fluoranthene, indeno(1,2,3-c,d)pyrene, perylene, phenanthrene, and pyrene;
- vv) “uncontaminated water” means water with a level of quality which is typical of potable water normally supplied by the City or whose quality meets or exceeds the values in Table 2 - Limits for Storm Sewer Discharge of this By-law;
- vv) “waste disposal site leachate” means the liquid containing dissolved or suspended contaminants which emanates from waste and is produced by water percolating through waste or by liquid in waste;
- ww) “waste radioactive prescribed substances” means uranium, thorium, plutonium, neptunium, deuterium, their respective derivatives and compounds and such other substances as the Atomic Energy Control Board may by regulation designate as being capable of releasing atomic energy or as being requisite for the production, use or application of atomic energy; and
- xx) “watercourse” means an open channel, ditch or depression either natural or artificial, in which the flow of water occurs either continuously or intermittently.

Section 2: Sanitary Sewers:

2.1 No person shall discharge directly or indirectly or deposit or cause or permit the discharge or deposit of sewage into a sanitary sewer, combined sewer, municipal or private sewer connection to any sanitary sewer or combined sewer in circumstances where:

- a) To do so may cause or result in:
 - i A health or safety hazard to a person authorized by the City or the City Engineer to inspect, operate, maintain, repair, or otherwise work on a sewage works;
 - ii An offence under the *Ontario Water Resources Act* (R.S.O. 1990) or the *Environmental Protection Act* (R.S.O. 1990), as amended from time to

- time, or any regulation made thereunder from time to time;
 - iii Biosolids from the sewage works to which the sewage discharges, either directly or indirectly, to fail to meet the objectives or criteria listed in the Ministry of the Environment publication entitled "Guideline for the Utilization of Biosolids and other Wastes on Agricultural Land" dated March 1996, as amended from time to time;
 - iv Interference with the operation or maintenance of a sewage works, or which may impair or interfere with any sewage treatment process;
 - v A hazard to any person, animal, property or vegetation;
 - vi An offensive odour to emanate from a sewer or 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 quantities as may cause an offensive odour;
 - vii Damage to a sewage works; or
 - viii An obstruction or restriction to the flow in sewage works.
- b) The sewage has one or more of the following characteristics:
- i a pH of less than 6.0 or greater than 10.5; or,
 - ii two or more separate liquid layers; or
 - iii a temperature of greater than 65°C (degrees Celsius);
- c) The sewage contains:
- i acute hazardous waste chemicals;
 - ii combustible liquid;
 - iii dyes or colouring materials that may or could pass through a sewage works and discolour the sewage works effluent;
 - iv fuel;
 - v hauled sewage, except where:
 - 1) the carrier of the hauled sewage has a certificate of approval or a provisional certificate of approval issued under the *Environmental Protection Act* (R.S.O. 1990) or is exempt from the requirement to have a certificate of approval or provisional certificate of approval; and
 - 2) a copy of the most recent certificate of approval or provisional certificate and any amendment is provided to the City Engineer; and
 - 3) the carrier has entered into a discharge agreement with the City to discharge wastewater into the City's sanitary sewer system as set out in Section 6.
 - vi hauled industrial wastewater, except where:
 - 1) the carrier of the hauled industrial waste water has a certificate of approval or a provisional certificate of approval issued under the *Environmental Protection Act* (R.S.O. 1990) or is exempt from the requirement to have a certificate of approval or provisional certificate of approval; and,
 - 2) a copy of the most recent certificate of approval or provisional certificate and any amendment is provided to the City Engineer; and,
 - 3) the carrier has entered into a discharge agreement with the City to discharge waste water into the City's sanitary sewer system as set out in Section 6;
 - 4) the source of the hauled industrial waste water has entered into a surcharge agreement with the City if applicable as set out in Section 5; and
 - 5) hauled wastewater meets the conditions set out in Clauses 23(3)(c) and 25(5)(b) of O. Reg. 347 R.R.O. 1990 as amended from time to time.
 - vii hazardous industrial waste;
 - viii hazardous waste chemicals;
 - ix ignitable waste;
 - x pathological waste;
 - xi PCBs;

- xii pesticides;
- xiii reactive waste;
- xiv waste radioactive prescribed substances;
- xv waste disposal site leachate, except where:

- 1) it has been deemed that the leachate is treatable by the City's operator and the operator is willing to accept the wastewater for treatment; and
- 2) the person has written approval from the City Engineer to discharge the leachate into the City's sanitary sewer system prior to any discharge, subject to any limitation that may be imposed in granting such approval.

d) the sewage contains a concentration, expressed in milligrams per litre, in excess of any one or more of the parameter limits set in Table 1.

2.2 The discharge of storm water, surface water, ground water, non-contact cooling water or uncontaminated water to a sanitary or combined sewer is prohibited unless authorized in writing by the City Engineer in accordance with guidelines adopted by the City from time to time.

2.3 a) No person shall discharge of water originating from a source other than the City water supply directly or indirectly to a sanitary sewer or combined sewer, unless:

- i the discharge is expressly authorized in writing by the City Engineer in accordance with any guidelines adopted by the City from time to time, prior to the discharge; and/or
- ii the discharge is in accordance with any discharge agreement that has been entered into with the City; and
- iii any fees required to be paid to the City pursuant to any discharge agreement or extra strength surcharge agreement has been paid within 30 days of the date of the invoice from the City.

b) The provisions of Section 2.1 d) do not apply where:

- i the discharge is in accordance with an extra strength surcharge agreement or expressly authorized in writing by the City Engineer in accordance with this by-law prior to the discharge; and
- ii any fee set by the City has been paid within 30 days of invoicing.

2.4 No person shall add water or any other material from any source to sewage for the purpose of dilution to achieve compliance with this By-law and any such added water or material shall be disregarded for the purpose of calculating whether a limit has been complied with.

Section 3: Storm Sewers

3.1 No person shall discharge or deposit or cause or permit the discharge or deposit of matter of any type into a storm sewer, drainage works, watercourse, pond, or municipal or private sewer connection to any storm sewer, which may or could:

- a) interfere with the proper operation of a storm sewer or a storm water treatment facility;
- b) obstruct or restrict a storm sewer or the flow therein;
- c) damage a storm sewer or storm water treatment facility;
- d) result in any hazard or other adverse impact to any person, animal, property or vegetation;
- e) 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 *Environmental Protection Act* (Ontario) with respect to storm sewer and/or its discharge;
- f) have any one or more of the following characteristics:
 - i visible film, sheen or discolouration;

- ii two or more separate layers;
 - iii a pH less than 5.5 or greater than 9.5;
 - iv a temperature of greater than 40 °C (Degrees Celsius),
- g) contain one or more of the following waste/product types:
- I acute hazardous waste chemicals;
 - ii blowdown water;
 - iii combustible liquid;
 - iv floating debris;
 - v fuel;
 - vi hauled sewage;
 - vii hauled industrial wastewater;
 - viii hazardous industrial waste;
 - ix hazardous waste chemicals;
 - x ignitable waste;
 - xi pathological waste;
 - xii PCBs;
 - xiii pesticides;
 - xiv reactive waste;
 - xv severely toxic waste;
 - xvi sewage;
 - xvii waste radioactive prescribed substances;
 - xviii waste disposal site leachate;
 - xix a substance from raw materials, intermediate or final product, used or produced in, through or from an industrial process; or
 - xx a substance used in the operation or maintenance of an industrial site;
- h) contain *E. coli* colonies in excess of 200 per 100 mL;
- i) contain a concentration, expressed in milligrams per litre, in excess of any one or more of the limits established in Table 2.

3.2 No person shall add water or any other material from any source to storm water for the purpose of dilution to achieve compliance with this By-law.

3.3 Any such added water or material shall be disregarded for the purpose of calculating whether a limit has been complied with.

3.4 A discharger shall be required, upon receipt of a Notice from the City Engineer, to comply with one or more of the following initiatives addressing storm water discharged from a property which contains a concentration, expressed in milligrams per litre, in excess of any one or more of the parameter limits set in Table 2 or which cannot comply with any one or more of the criteria set out in Section 3.1 above.

- a) a study of storm water quality and/or quantity;
- b) maintenance, modification and/or construction of a storm water management facility; or
- c) development and implementation of a storm water best management strategy.

Section 4: Discharger Self-Monitoring

4.1 A discharger shall complete any monitoring or sampling of any discharge to a sewage works, as required by the City Engineer, or as required under any surcharge agreement or any discharge agreement and provide the results to the municipality in accordance with written notification from the municipality.

4.2 The obligation set out in or arising out of 4.1 shall be completed at the expense of the discharger unless the municipality has agreed in writing to share the expense with the discharger.

Section 5: Pollution Prevention Planning and Reporting

- 5.1 The City Engineer may order a subject sector discharger which falls within one of the defined subject sector categories in Appendix 2, which discharges any amount of waste water which contains a subject pollutant, as listed in Appendix 1, to prepare and submit, within 90 days of the order, a pollution prevention plan to the City Engineer with respect to the premises from which the discharge occurs.
- 5.2 The pollution prevention plan shall compare waste water effluent characteristics from the ordered discharger's premises to applicable limits contained in this by-law for subject pollutants and shall identify a strategy for pollution prevention complete with implementation considerations for any discharge which exceeds by-law limits.
- 5.3 The City Engineer shall review and approve the pollution prevention plan unless the City Engineer determines that the plan does not comply with the requirements of this by-law.
- 5.4 Summary Pollution Prevention Reports shall be prepared and submitted to the City Engineer annually, or by the 1st day of March of each year, detailing effluent characteristics from the ordered discharger's premises for subject pollutants and the progress that has been made to implement the pollution prevention plan until the pollution prevention plan has been fully implemented or the City Engineer, by way of a written notice to the ordered discharger, gives notice that the City is satisfied that all waste water discharges are in compliance with this by-law.

Section 6: Surcharge Agreements

- 6.1 The municipality may authorize an extra strength surcharge agreement with a discharger to permit Table 1 exceedances, as set out in Section 2.1, for any one or more of the following parameters where sewage is discharged to a sanitary sewer or a combined sewer:
 - a) Biochemical Oxygen Demand (BOD₅);
 - b) Phenolics (4AAP);
 - c) Oil and Grease - Animal and Vegetable;
 - d) Nitrogen (Total Kjeldahl);
 - e) Phosphorous (Total);
 - f) Suspended Solids (Total);
 - g) Any one of Benzene, Toluene, Ethylbenzene, or Xylene provided that all other three BTEX parameters are in compliance with Table 1 and the wastewater is derived from a site cleanup project and has been treated prior to discharge.
- 6.2 The City Engineer may authorize temporary extra strength surcharge agreements for parameters as outlined in Section 6.1 where the discharge is from a temporary use or out of town source and the discharge period shall be less than 6 months in duration.
- 6.3 The surcharge agreement shall contain terms and/or conditions including terms and conditions related to payment of surcharge treatment fees as set out in Table 3, as amended from time to time.
- 6.4 During the term of the extra strength surcharge agreement, the discharger is exempt from meeting the limits as set out in Table 1, subsection 2.1, for such parameters, which have been agreed to be exceeded.
- 6.5 The surcharge agreement must specify an acceptable upper limit for the exempted parameter and must set out a specified period of time for an agreement to be reviewed or renewed. Exceeding a limit established in a surcharge agreement will not be grounds for a prosecution under the by-law but may be grounds for termination or review of the surcharge agreement as determined by the City Engineer.

- 6.6 The City Engineer may terminate an extra strength surcharge agreement, upon 30 days notice:
- a) if the terms of the surcharge agreement are not upheld;
 - b) if the effluent to which the surcharge agreement applies causes the sewage works effluent to contravene any requirement by or under the *Ontario Water Resources Act* or the *Environmental Protection Act*, as amended from time to time, or any regulation made thereunder from time to time; or
 - c) if the effluent to which the surcharge agreement applies causes a hazard to a person, animal, property or vegetation.

Section 7: Discharge Agreement:

- 7.1 No person shall discharge hauled sewage or hauled industrial wastewater or sewage or any substance from lands which are not directly connected to a sewer, into a storm sewer, sanitary sewer, or a combined sewer, or a public or a private connection leading to a storm sewer, sanitary sewer or combined sewer, without a discharge agreement approved by the City Engineer.
- 7.2 An application for a discharge agreement shall be submitted to the City Engineer on the form attached in Schedule "A", as amended from time to time.
- 7.3 The City shall designate approved locations for all hauled sewage or hauled industrial wastewater discharges or for any other substance discharged into the City's sewer system under a discharge agreement.
- 7.4 The City may, at its discretion, change the location of a designated discharge site at any time. All holders of a discharged agreement and authorized to use a discharge site shall be given 30 days notice of the change and the agreement conditions shall automatically change accordingly, and the City shall not be liable for any costs that may accrue to the holder of the discharge agreement for a change in discharge location.
- 7.5 At any time City may establish access security controls for any sewer access point and may require discharge agreement holders to use a security pass to obtain access to a designated discharge site.
- 7.6 Every person with a discharge agreement shall submit an accounting to the City Engineer within five (5) days of the end of each month, setting out the volume and category of waste water discharged to the City's sanitary sewers in the previous month and submitting the fees required under Table 3, as amended from time to time, for all discharges.
- 7.7 The fees set out in Table 3 hereto shall be paid to the City by the person holding the discharge agreement for each pump out or collection made by such person, which is discharged to a municipal sewer.
- 7.8 Any party to a discharge agreement who is in contravention of Subsections 7.6 or 7.7 may be prohibited from use of the City's sanitary sewer system for the purposes of making discharges of hauled sewage or hauled industrial wastewater by order of the City Engineer.
- 7.9 No person shall discharge to a sewer of the City in contravention of an order by the City Engineer under Subsection 7.8.
- 7.10 Any party to a discharge agreement shall enable the City Engineer to carry out such audits or to undertake such sampling as may be required for the purposes of determining compliance with this by-law.
- 7.11 Any wastewater discharged to a municipal sewer under a discharge agreement exceeding the limits of this bylaw shall require a separate extra strength surcharge agreement.

Section 8: Sampling and Analytical Requirements

- 8.1 The sampling and analysis required by this by-law shall be carried out in accordance with the procedures, modified or unmodified, as described in Standard Methods or the "Guidance Document for the Sampling and Analysis of Wastewater for the 1999 Model Sewer Use By-law", the United States Environmental Protection Agency methods or analytical methods adopted by the City.
- 8.2 Compliance or non compliance with this by-law may be determined by the analysis of a grab sample or a composite sample done in accordance with subsection 8.1 , may contain additives for its preservation and may be collected manually or by using an automatic sampling device.
- 8.3 Where there is no maintenance access hole meeting the requirement of Section IO of the by-law, the City Engineer may by written notice to an industry, make use of an alternative device or facility for the purpose of sampling a discharge to the sewage works.

Section 9: Spills

- 9.1 In the event of a spill to a sewage works; in addition to reporting responsibilities to the Ontario Spills Action Centre; the person responsible and/or the person having the charge, management and control of the spill shall immediately notify the City Engineer or the City's Environmental Control Officer, and in the case of a spill into a sanitary sewer, the City's operating authority, and provide all pertinent information with regard to the spill that is requested.
- 9.2 The notifying person shall provide a detailed report on the spill to the City Engineer, within 5 days after the spill, containing the following information to the best of his/her knowledge:
 - a) location where the spill occurred;
 - b) name and telephone number of the person who reported the spill and the location and time where they can be contacted;
 - c) date and time of spill;
 - d) material spilled;
 - e) any pertinent characteristic of the material spilled;
 - f) volume of the material spilled;
 - g) duration of the spill event;
 - h) work completed and work in progress for the mitigation of the spill; and
 - i) preventative action being undertaken to ensure that a similar spill will be prevented from occurring again.
- 9.3 The person responsible for the spill and/or the person having the charge, management and control of the spill shall do everything reasonably possible to contain the spill, protect the health and safety of citizens, minimize property damage, protect the environment, clean up the spill and contain residue and restore the affected area to its condition prior to the spill.

Section 10: General

- 10.1 Maintenance Access Hole
 - a) The owner or operator of commercial, institutional or industrial premises, or multi story residential buildings, with more than 9 units, which is connected to a sewage works shall install and maintain in good repair in each connection to a sewage works, a suitable maintenance access hole to allow for observation, sampling and flow measurement of the sewage, uncontaminated water or storm water therein, or provide, where the installation of a maintenance access hole is not possible, an

- alternative device or facility with the prior written approval of the City Engineer.
- b) The maintenance access hole or alternative device or facility shall be located on the property of the owner or operator of the premises, as close to the property line as possible, unless the City Engineer has given prior written approval for a different location.
 - c) Each maintenance access hole, device or facility installed as required under subsection 10.1 b) shall be designed and constructed in accordance with good engineering practices and shall be constructed and maintained at the owner or operators expense.
 - d) The owner or operator of a commercial, institutional or industrial premises, or a multi story residential building shall at all time ensure that all maintenance access holes required by this by-law are fully accessible to the City Engineer for the purpose of observing or sampling sewage, uncontaminated water or storm water therein.

10.2 Food Related Grease Interceptors

- a) Every owner or operator of a restaurant in an industrial, commercial or institutional premises that prepares, cooks, or processes food products and is connected directly or indirectly to a sewer, shall install and maintain a properly functioning grease interceptor.
- b) Every owner or operator of a grease trap required under section 10.2 a) shall ensure that every effort is taken to minimize or limit grease from entering the City's sanitary sewer system.
- c) All new or replacement grease traps required under section 10.2a) shall ensure that they are isolated from any discharge from a glass washer, dishwasher or any appliance which discharges hot water at a temperature greater than 65 °C (degrees Celsius) but not a hot water tank.
- d) The use of emulsifying degreasers to clean grease traps is prohibited.
- e) The City Engineer may order an owner or operator of a grease trap required under section 10.2a) to undertake regular maintenance of the grease trap and to maintain a maintenance log to document when maintenance work is performed.
- f) The owner or operator of a grease trap required under section 10.2 a) shall at all time ensure that all maintenance records required by way of an order are fully accessible to the City Engineer for the purpose of observing that proper maintenance practices are being followed.
- g) Where the City of North Bay is required to remove blockages of grease from a sanitary sewer and an inspection of any adjacent premises with a grease trap required pursuant to section 10.2 a) indicates that the grease trap is not functioning properly or is not being adequately maintained, the premises will be billed for the City's cost to unplug the sewer even if it is not possible to show that the premises caused the blockage. If the inspection shows that more than one premises has not maintained a grease trap the costs shall be split evenly between each premises.

10.3 Interceptors for Motor Oil and Lubricating Grease

- a) Every owner of a commercial, industrial or institutional premises at which floor drains of a service garage or facility designed to work on combustion engines which are connected directly or indirectly to a sewer shall install and maintain an oil interceptor designed to prevent oil and lubricating grease from directly or indirectly entering the sewer.

10.4 Sediment Interceptors

- a) Every owner or operator of any land or premises from which sediment may directly or indirectly enter a sewer, including but not limited to a ramp drain, an area drain, a construction area or a parking area which is maintained for winter use and has a capacity of 12 or more vehicles, shall take all necessary measures to ensure that sediment is prevented from entering a sewer.
- b) Every owner or operator required to have a sediment interceptor pursuant to 10.4 a) shall ensure that each and every sediment interceptor is properly and adequately maintained to prevent sediment

from entering a sewer

10.5 Waste Grinders, Compactors and Autoclaves

- a) No person shall install or operate within the City any garbage or waste grinding device or autoclave used for industrial or commercial purposes, the effluent from which will discharge directly or indirectly into a sewer.
- b) Section 10.5 a) does not apply to autoclaves used to sterilize medical instruments.
- c) No person shall install or operate within the City any garbage or waste compacting device for commercial or industrial purposes, the effluent from which will discharge directly or indirectly into a storm sewer.
- d) No person shall install or operate within the City any garbage or waste grinding device for domestic purposes, the effluent from which will discharge directly or indirectly into a storm sewer.
- e) No person shall install or operate within the City a garbage or waste grinding device for domestic purposes, the effluent from which will discharge directly or indirectly into a sanitary sewer unless the garbage grinding device is of a type which will permit forty percent of all grindings to pass through a 2.36 mm (3/32") sieve, sixty percent to pass through a 6.35 mm (1/4") sieve and all grindings to pass through a 12.7 mm (1/2") sieve.

10.6 Dental Waste Amalgam Separators

- a) Every owner or operator of a premises from which dental waste amalgam may be discharged which amalgam waste may directly or indirectly enter a sewer, shall install, operate and properly maintain a dental waste amalgam separator on every discharge piping system connected to and carrying such waste material.
- b) Notwithstanding compliance with section 10.6 a) all persons operating or carrying out the business of a dental practice shall comply with Section 2.

10.7 Right of Entry

- a) No person shall prevent, hinder, obstruct or interfere in any way with the City Engineer or an inspector and persons deemed, by the City Engineer, to be essential to an inspection and sampling, bearing proper credentials and identification from,
 - i entering in or upon, at any reasonable time without a warrant, any land or premises, except land or premises being used as a dwelling house;
 - ii making such tests, taking such samples or gathering any necessary information including the taking of photographs as the City Engineer or the inspector deems necessary;
 - iii inspecting or observing any plant, machinery, equipment, work activity or documents including maintenance records;

10.8 Protection from Damage

- a) No person shall uncover, remove, make any connection with, or opening into, break, alter, damage, destroy, deface, or tamper or cause or permit the removal, breaking, damaging, destroying, defacing or tampering with:
 - i any part of a sewage works; or
 - ii any device, being temporary or permanent, installed in a sewage works for the purpose of flow measurement, sampling, observing, testing or detecting sewage, uncontaminated water or storm water.
- b) Any person discharging sewage, uncontaminated water, or storm water to a municipal sewage works shall be responsible for ensuring that such sewage, uncontaminated water or storm water conforms at all times to the provisions of this by-law, and shall be liable for any damage or expense arising out of his/her failure to properly check and control any such discharge, including the cost of investigation, repairing or replacing any part of any municipal sewage works damaged thereby.

10.9 Unauthorized Entry into a Sewage Works

- a) Unless otherwise authorized by the City Engineer, no person shall enter into any sewage works.

Section 11 : Sewer Connections

11.1 No person shall:

- a) erect or cause or permit to be erected any new building on lands that are serviced by a sanitary sewer unless the new building is connected to the sanitary sewer; and
- b) construct, install, maintain or cause or permit to be constructed, installed or maintained, whether installed prior to the date of the passing of this by-law or any of its predecessors, a direct or indirect connection to the sanitary sewer connection which would permit anything other than domestic and industrial sewage to discharge into the sanitary sewer connection.

11.2 No person shall construct a sewer connection on any road allowance, easement or other public land, except by the City or under a contract or agreement with the City.

11.3 In those cases where the existing municipal sewer connection does not meet the standard therefore as adopted by the City from time to time as a result of a re-subdivision of lots or change of a location of a building on a lot, the owner or agent shall apply and pay to the City for a new installation or installations and for the disconnection of the existing sewer connects where necessary on an actual cost basis with a minimum charge equal to the applicable flat rate, as determined by the City from time to time.

11.4 Reconstructed Buildings:

- a) Wherever a reconstructed building is substantially demolished, the existing municipal sewer connections shall be disconnected at the municipal sewer or sealed at the property line as determined by the City Engineer and at the owner's expense;
- b) For the purpose of this section an existing building is deemed to be substantially demolished when fifty percent or more of the exterior wall of the first story above grade are removed whether or not they are substantially replaced; and
- c) An owner who is applying for a permit to construct a replacement building or to disconnect a dwelling from a septic tank to connect to a sanitary sewer connection shall be entitled to use an existing municipal sewer connection that upon inspection by the City Engineer, is found to be in satisfactory condition.

11.5 In the event that a sewer connection is installed or is operated in contravention of any provision of this by-law, the City Engineer may, until such time as the violations are rectified, order the temporary disconnection of such sewer connection. At any time during the period of disconnection in accordance with this section, no person shall use or cause to be used or permit the use of such a connection.

11.6 The City Engineer shall not order such temporary disconnection unless the City Engineer has first mailed to the property owner and occupant, if any, a registered letter specifying the nature of the violation or violations of this by-law and specifying the intention of the City Engineer to order a temporary disconnection of the sewer by a specified date, to be calculated 30 days from the date of mailing the notice, and specifying the cost of the disconnection and re-connection to be borne by the property owner payable to the City before any re-connection is made.

11.7 Any person desiring a sewer connection shall make application to the City on forms supplied by the City and accompanied by such plans and drawings as may be required and payment of fees for the application. The owner of the property

to be serviced, or the owners agent shall sign the application, and the owner shall be responsible for the completeness and accuracy of the information furnished on such application, drawing and plan.

- 11.8 A sewer connection on public property between the sewer main and private property shall be installed by the City at the expense of the owner on conditions and at rates and to the specification as determined by the City from time to time. The City Engineer may authorize a private contractor to install as sewer connection to a main on public property through a service agreement. A sewer connection on private property shall be installed by the owner pursuant to a building permit having been previously issued for such purpose by the City and at the expense of the owner.
- 11.9 Every Owner shall ensure that a sewer connection shall resist root penetration, acid or alkali damage, groundwater penetration, sewage exfiltration and otherwise comply with any condition or requirement as determined by the City from time to time.
- 11.10 No person shall install a municipal sewer connection servicing two or more properties. A single service connection will be allowed for a property with multiple units subject to the approval of the City.
- 11.11 No person shall install a private sanitary sewer connection until:
- a) a municipal sewer connection has been properly installed;
 - b) the municipal sewer main to which the municipal sewer connection is made is fully constructed and accepted by the City for operation;
 - c) backfilling around the building or buildings being serviced is complete and sufficiently graded to eliminate the possibility of surface water ponding on the property and the sub floor has been installed over the foundation to prevent storm water from entering a private sewer connection; and
 - d) all surface water in the excavation and in the basement that could enter the sanitary sewer has been pumped out.
- 11.12 If a person constructs a municipal sewer connection without authorization or in a manner which violates any section of this by-law, the City Engineer may order the re-excavation of the service connection for the purpose of inspection, testing, and if necessary, reconstruct the service connection at the owners expense or may disconnect the service in which case it shall not be reconstructed without the approval of the City.
- 11.13 The owner of a building that abuts a street which is not serviced by a storm sewer shall construct any down spout from any eaves trough or roof drainage system so that the storm water discharges at grade in a manner which does not permit storm water to accumulate or pond near buildings, which does not adversely affect adjacent properties and which does not cause soil erosion.
- 11.14 Section 11.13 does not apply to a storm sewer if:
- a) the grade elevation of the edge of the roof at the front or at the side of the building are lower than the grade elevation of the street;
 - b) the storm sewer service connection is determined to be insufficiently graded to act as a conduit for roof or weeping tile drainage;
 - c) the building or structure is constructed adjacent to a watercourse and roof drains and weeping tile drains are directed to the watercourse, subject to the approval of the City Engineer and the local Conservation Authority; or
 - d) the property from which the connection services has a properly constructed and maintained storm water management structure requiring an overflow outlet.
- 11.15 a) Every Owner shall ensure that where a catch basin is constructed on private property to protect a structure from overland flows and the protected structure is down gradient of the catch basin the installation shall include:
- I a back flow flap valve installed immediately downstream of the private catch basin to ensure that storm water cannot back up from

- the municipal storm sewer and surcharge from the private catch basin;
 - ii a sump pump, located in the private catch basin the overflow sump hole to discharge any collected surface flows which collects in the private catch basin when the back flow flap valve is closed; and,
 - iii a back flow flap valve installed on the sump pump discharge line so that storm water cannot discharge back into the sump overflow basin.
 - b) The back flow flap valves and sump pump required in section 11.15 a) shall be installed and maintained by the owner or operator of the premises at their own expense.
- 11.16 a) The owner of any building that has any roof down spout or roof drainage system which discharges storm water either directly or indirectly to a municipal sanitary sewer shall disconnect the down spout or roof drainage system at grade and direct all storm water at grade in a manner which does not permit storm water to accumulate or pond near buildings, which does not adversely affect adjacent properties and which does not cause soil erosion.
 - b) For the purpose of this section:
 - i “directly” means by any physical connection or series of connections between the roof drainage system and a sanitary or combined sewer;
 - ii “indirectly” means in any manner whatsoever whereby storm water may enter the sanitary sewer system and includes water seeping into open joints in an underground sewer connection in which storm water infiltration can seep to a sanitary sewer;
- 11.17 a) An owner may request an inspection of any existing municipal sewer connection by means of an excavation, closed circuit TV camera inspection, or through smoke or dye testing to determine if a cross connection exists or to examine the structural integrity and viability of a service connection. The owner shall deposit a security with the City prior to an inspection, the amount that shall be determined by the City from time to time. If an inspection shows that a structural or other problem is attributable to the City portion of the service connection, the security shall be refunded to the owner.
 - b) If, as a result of an inspection carried out pursuant to section 11.17 a), it is determined by the City Engineer that infiltration of storm water into a sanitary sewer is the result of structural problem in the City’s portion of the service, the provisions of 11.16 a) shall not apply to the owner provided that owner has completed all repairs or corrected all deficiencies to the owner’s portion of the service connection;
- 11.18 a) No owner of an industrial, commercial or institutional premises shall undertake any works or make any connection or do anything that would increase peak flow rates of storm water or which would impair the quality of storm water which is discharged to a sewer;
 - b) No person shall cause the direct connection of any new private drainage works to the municipal storm sewer system without prior approval of the City. The City Engineer may grant such approval where, in the opinion of the City Engineer, there is no practical alternative means of drainage available.
 - c) Before considering a request for approval, pursuant to subsection 11.18 the owner or operator of an industrial, commercial or institutional premises may be required to submit to the City Engineer, a storm water management report identifying storm water management quality and quantity control measures being proposed for the site;
 - d) Where a new connection to a storm sewer is approved by the City and the purpose of the connection is to provide groundwater drainage, the discharge must be regulated by:
 - i means of a sump pump which must elevate the water via a looped system, to an elevation above that of the centerline of the road

before being discharged into a private storm drainage system. A back flow prevention device shall be installed on the sump pump discharge pipe to prevent any surcharge of storm water from the municipal storm sewer system;

ii a back flow flap valve in circumstance where grades permit a connection of a gravity drainage system to the municipal storm sewer system to prevent any surcharge of storm water from a municipal storm sewer system;

e) No direct or indirect interconnection between a private storm sewer and a sanitary sewer is permitted;

f) Any groundwater drainage system approved as set out in Section 11.18 shall be installed and maintained by the owner or operator of the premises at their sole expense.

11.19 a) No person shall discharge the waste water from a swimming pool or a wading pool:

i into a storm drainage system;

ii such that it flows onto adjacent property;

iii onto a steep slope such as a ravine valley wall which may erode; or

iv in any manner which causes soil erosion.

b) Waste water from a swimming pool or wading pool may be discharged by way of a temporary connection to the sanitary sewer, transported for disposal by a licensed hauler or discharged in a controlled manner onto the owners property such that the discharge is at all times contained within the property until it evaporates or infiltrates into the ground.

c) Notwithstanding section 11.19 a) rainwater or melt water resting on a tarp which covers a swimming pool may be discharged to a storm sewer provided that it is in compliance with Section 3 of this by-law.

11.20 Every Owner shall ensure that all new service connections to a municipal sanitary or storm sewer shall be tested by public works, by a building inspector, or by a certified plumber to verify, by means of dye or other suitable method, that all service connections are properly connected to the intended municipal service prior to occupancy or commissioning of the service.

Section 12: Confidential Information

12.1 All information submitted to and collected by the City of North Bay in the administration of this by-law including information contained in extra strength surcharge agreements, discharge agreements, pollution control plans and from sampling activity will, except as otherwise provided in this section, be available for disclosure to the public in accordance with the *Municipal Freedom of Information and Protection of Privacy Act* (R.S.O. 1990).

12.2 In the event that any person in submitting information to the City of North Bay or to the City Engineer in any form, as required under this by-law, where such information is confidential or proprietary or otherwise, may be exempt from disclosure under the *Municipal Freedom of Information and Protection of Privacy Act* (R.S.O. 1990), the person submitting the information shall so identify that information upon its submission to the City or the City Engineer and shall provide sufficient details as to the reason for its purported exemption from disclosure.

Section 13: Offences

13.1 Every person who contravenes any provision of this by-law is guilty of an offence and on conviction it liable to a fine or damages under the *Provincial Offences Act*.

13.2 Every person other than a corporation who contravenes any provision of section 2 or 3 of By-law No. 2002-112 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 \$20,000 for any subsequent conviction.

- 13.3 Every corporation which contravenes any provision of section 2 or 3 of By-law No. 2002-112 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.
- 13.4 Notwithstanding Sections 13.1 and 13.2, every person who contravenes any provision of any other section of this by-law 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 \$5,000.
- 13.4 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.

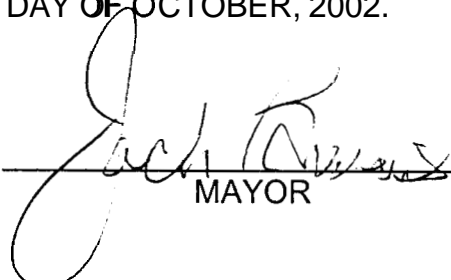
Section 14: Repeal

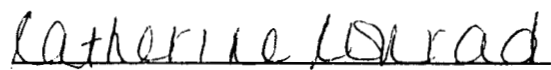
- 14.1 City of North Bay By-law No. 85-93 being a by-law to regulate the discharge of sewage and land drainage in the City of North Bay, as amended by City of North Bay By-law No. 13-96, is hereby repealed.
- 14.2 Notwithstanding 14.1, sanitary discharge agreements for hauled sewage or hauled industrial waste water, entered into by the City of North Bay under By-law No. 85-93 or its predecessors, and which were in effect immediately prior to the passage of this by-law, shall remain in effect with their terms and conditions.
- 14.3 Notwithstanding 14.1, industrial wastewater surcharge agreements entered into by the City of North Bay under By-law No. 85-93 or its predecessors, and which were in effect immediately prior to the passage of this by-law, shall remain in effect until December 31, 2003, after which the terms and conditions of this by-law will come into force.

READ A FIRST TIME IN OPEN COUNCIL THIS 7TH DAY OF OCTOBER, 2002.

READ A SECOND TIME IN OPEN COUNCIL THIS 7TH DAY OF OCTOBER, 2002.

READ A THIRD TIME IN OPEN COUNCIL AND ENACTED AND PASSED THIS 7TH DAY OF OCTOBER, 2002.


MAYOR


CITY CLERK

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Table 1: Limits for Sanitary Sewer Discharges

Parameter	Limit (mg/L)	Parameter	Limit (mg/L)
Biochemical Oxygen Demand	300	Benzene	0.01
Cyanide (Total)	2.0	Chloroform	0.04
Fluoride	10.0	1, 2-Diclorobenzene	0.05
Nitrogen (Total Kjeldahl)	100	1, 4-Diclorobenzene	0.08
Oil and Grease - Animal and Vegetable	150	Cis-1, 2-Dichloroethylene	4.0
Oil and Grease - Mineral and Synthetic	50 ^t	Trans-1, 3-Dichloropropylene	0.14
Phenolics(4AAP)	1.0	Ethyl benzene	0.16
Phosphorous (Total)	10	Methylene chloride	2.0
Suspended Solids (Total)	350	1, 1, 2, 2-Tetrachloroethane	1.4
Aluminum (Total)	50	Tetrachloroethylene	1.0
Antimony (Total)	5.0	Toluene	0.016
Arsenic (Total)	1.0	Trichlorlethylene	0.4
Cadmium (Total)	0.7	Xylenes (Total)	0.2 ^t
Chromium (Hexavalent)	2.0	Di-n-butyl phthalate	0.08
Chromium (Total)	2.0	Bis (2-ethylhexyl) phthalate	0.012
Cobalt (Total)	5.0	Nonylphenol	0.001
Copper (Total)	2.0	Nonylphenolethoxylates	0.01
Lead (Total)	1.0	Aldrin/dieldrin	0.0002
Manganese (Total)	5.0	Chlordane	0.1
Mercury (Total)	0.05 ^{tt}	DDT	0.0001
Molybdenum (Total)	5.0	Hexachlorobenzene	0.0001
Nickel (Total)	2.0	Mirex	0.1
Selenium (Total)	1.0	PCBs	0.001
Silver (Total)	5.0	3, 3'-bichlorodenzidine	0.002
Tin (Total)	5.0	Hexachlorocyclohexane	0.1
Titanium (Total)	5.0	Pentachlorophenol	0.005
Zinc (Total)	2.0	Total PAHs	0.005

^t as requested by Canadian Petroleum Products Institute

^{tt} as requested by the Ontario Dental Association

Table 2: Limits for Storm Sewer Discharges

Parameter	Limit (mg/L)	Parameter	Limit (mg/L)
Biochemical Oxygen Demand	15	1, 2-Diclorobenzene	0.0056
Cyanide (Total)	0.02	1, 4-Diclorobenzene	0.0068
Phenolics (4AAP)	0.008	Cis-1, 2-Dichloroethylene	0.0056
Phosphorous (Total)	0.4	Trans-1, 3-Dichloropropylene	0.0056
Suspended Solids (Total)	15.0	Ethyl benzene	0.002
Oil and Grease - Mineral and Synthetic	15.0^r	Methylene chloride	0.0052
Aluminum (Total)	1.0^r	1, 1, 2, 2-Tetrachloroethane	0.017
Ammonia	10.0^r	Tetrachloroethylene	0.0044
Arsenic (Total)	0.02	Toluene	0.002
Barium (Total)	1.0^r	Trichlorlethylene	0.0076
Cadmium (Total)	0.008	Xylenes (Total)	0.0044
Chlorine (Free)	0.1^r	Di-n-butyl phthalate	0.015
Chromium (Total)	0.08	Bis (2-ethylhexyl) phthalate	0.0088
Chromium (Hexavalent)	0.04	Nonylphenol	0.001
Copper (Total)	0.04	Nonylphenol ethoxylates	0.01
Lead (Total)	0.12	Aldrin/dieldrin	0.00008
Manganese (Total)	0.05	Chlordane	0.04
Mercury (Total)	0.0004	DDT	0.00004
Nickel (Total)	0.08	Hexachlorobenzene	0.00004
Selenium (Total)	0.02	Mirex	0.04
Silver (Total)	0.12	PCBs	0.0004
Tin (Total)	1.0^r	3, 3'-bichlorodenzidine	0.0008
Zinc (Total)	0.04	Hexachlorocyclohexane	0.04
Benzene	0.002	Pentachlorophenol	0.002
Chloroform	0.002	Total PAHs	0.002

^r **Limits requested to be added back into storm water criteria from comments received during circulation (limits already exist in current by-law)**

Table 3: Sewage and Waste Water Disposal Fees

Category: Sanitary Sewer Discharge

Category 1: Septage and Holding Tank Effluent (complies with by-law)

	Fee/1000 gal	Max FeeNear
Residential Septic Tank Effluent:		
• Origin - Within North Bay serviced area	\$ 0	-
• Origin – Within North Bay rural area	\$20	-
• Origin – Outside of North Bay	\$ 40	-
Residential Holding Tank Effluent:		
• Origin - Within North Bay serviced area	\$ 0	-
• Origin – Within North Bay rural area	\$ 10	60
• Origin – Outside of North Bay	\$20	120
Industrial, Commercial, Institutional Septic Tank Effluent:		
• Origin - Within North Bay serviced area	\$ 20	-
• Origin – Within North Bay rural area	\$20	-
• Origin – Outside of North Bay	\$ 40	-
Industrial, Commercial, Institutional Holding Tank Effluent:		
• Origin - Within North Bay serviced area	\$ 10	1,800
• Origin – Within North Bay rural area	\$ 10	1,800
• Origin – Outside of North Bay	\$20	3,600

Category 2: Hauled Industrial Waste Water and Treated Groundwater:

	Fee/1000 gal	Max FeeNear
Complies with Sewer Use By-law		
• Origin - Within North Bay serviced area	\$20	1,800
• Origin – Within North Bay rural area	\$ 20	1,800
• Origin – Outside of North Bay	\$ 40	-
Sewer Use By-law limit is exceeded (requires surcharge agreement)		
• Origin - Within North Bay serviced area	\$ 40	-
• Origin – Within North Bay rural area	\$ 40	-
• Origin – Outside of North Bay	\$100	-

Category 3: Carpet Cleaner Discharge at a Designated Tipping Site:

	Fee/1000 gal	Max FeeNear
• All sources	\$ 5 min/tip	-

Category: Storm Sewer Discharge

Category 4: Treated Industrial Waste Water and Treated Groundwater:

	Fee/1000 gal	Max FeeNear
Complies with Sewer Use By-law		
• Origin - Within North Bay serviced area	\$ 0	-
• Origin – Within North Bay rural area	\$ 0	-
• Origin – Outside of North Bay	N/A	-
Sewer Use By-law limit is exceeded (requires surcharge agreement)*		
• Origin - Within North Bay serviced area	N/A	-
• Origin – Within North Bay rural area	N/A	-
• Origin – Outside of North Bay	N/A	-

* this by-law does not permit surcharge agreements for storm sewer discharges

Appendix 1: Subject Pollutants

Arsenic	Benzene
Cadmium	Chloroform
Cobalt	1,2-dichlorobenzene
Chromium	1,4-dichlorobenzene
Copper	Cis-1,2,-dichloroethylene
Mercury	Trans-1,3-dichloropropylene
Molybdenum	Ethyl benzene
Nickel	Methylene chloride
Lead	1,1,2,2-tetrachloroethane
Selenium	Tetrachloroethylene
Zinc	Toluene
	Trichloroethylene
	Total xylene
	Di-n-butyl phthalate
	Nonylphenol
	Nonylphenol ethoxylates
	Aldrin/dieldrin
	Chlordane
	DDT
	Hexachlorobenzene
	Mirex
	PCB's
	3,3'-dichlorobenzidine
	Hexachlorocyclohexane
	Pentachlorophenol
	Total PAHs

Appendix 2: Subject Sectors

<u>Industrial Category:</u>	<u>NAICS Code</u>
Support Activities for Metal Mining	213114
Roofing, Siding, and Sheet Metal Contractors	23561
Household Furniture (except Wood and Metal) Manufacturing	337125
Nonferrous Metal (except Copper and Aluminum) Rolling, Drawing	331491
Fabricated Structural Metal Manufacturing	332312
Metal Window and Door Manufacturers	332321
Metal Tank (Heavy Gauge) Manufacturing	33242
Sheet Metal Work Manufacturing	332322
Ornamental and Architectural Metal Work Manufacturing	332323
Fabricated Structural Metal Manufacturing	332312
Metal Coating, Engraving and Allied Services to Manufacturers	332812
Powder Metallurgy Part Manufacturing	332117
Machine Tool (Metal Cutting Types) Manufacturing	333512
Machine Tool (Metal Forming Types) Manufacturing	333513
Electroplating, Plating, Polishing, Anodizing and Colouring	332813
Gasoline Station with Convenience Store	44711
Other Gasoline Stations	44719
Automotive Body, Paint and Interior Repair and Maintenance	811121
Automotive Exhaust System Repair	811112
All other Automotive Repair and Maintenance	811198
Automotive Transmission	811113
General Automotive Repair	811111
Other Automotive Mechanical and Electrical Repair and Maint.	811118
Automotive Oil Change and Lubrication Shop	811191
Photofinishing Laboratories (except One-Hour)	812921
One Hour Photofinishing	812922
Offices of Dentists	62121
General Medical and Surgical Hospitals	62211
Psychiatric and Substance Abuse Hospitals	62221
Specialty (except Psychiatric and Substance Abuse) Hospitals	62231
Medical Laboratories	62151 ■
Dental Laboratories	339116
Testing Laboratories	54138
Dry Cleaning and Laundry Services (except Coin-Operated)	81232
Support Activities for Rail Transportation	48821
All Other Transit and Ground Passenger Transportation	485999
Interurban and Rural Bus Transportation	48521
School and Employee Bus Transportation	48541
Special Needs Transportation	485991
All Other Support Activities for Road Transportation	48849
Scheduled Passenger Air Transportation	481111
Scheduled Passenger Freight Transportation	481112
Nonscheduled Chartered Freight Air Transportation	481212
Nonscheduled Chartered Passenger Air Transportation	481211
Scenic and Sightseeing Transportation, Other	48799
Quick Printing	323114
Other Commercial Printing	323119
Commercial Lithographic Printing	323110
Commercial Gravure Printing	323111
Commercial Flexographic Printing	323112
Commercial Screen Printing	323113
Other Commercial Printing	323119
Manifold Business Forms Printing	323116
Printing Ink Manufacturing	32591
Gum and Wood Chemical Manufacturing	325191
Plastic Material and Resin Manufacturing	325211
Leather and Hide Tanning and Finishing	3161 ■
Personal Leather Goods (except Women's Handbags) Manuf.	316993

Schedule "A"
Application Form for A Discharge Agreement for Hauled Sewage or Hauled Industrial Wastewater

City of North Bay -Application for a Discharge Agreement

The following information shall be treated as confidential and shall be used by the City of North Bay to regulate sanitary sewer discharges and wastewater treatment within the City of North Bay unless explicit disclosure consent of the applicant is provided below:

I agree to allow the City of North Bay to disclose any information collected as a result of this agreement pursuant to a request made under the *Municipal Freedom of Information and Protection of Privacy Act* (R.S.O. 1990 or as amended).

Please fill in all relevant sections and sign the agreement at the bottom.
This agreement made between:

The Corporation of the City of North Bay
(herein called the "Corporation")

and

Company Name: _____
(herein called the "Contractor")

Company Owner's Name: _____

Mailing Address: _____

_____ Postal Code: _____

Phone No.: _____ Fax No.: _____

Email: _____

MOEE Registration No. (if applicable): _____

Please complete the following list of information concerning all vehicles to be used to transport sewage or industrial wastewater to be discharged into the City of North Bay's Sewer System.

Vehicle No. 1 Make: _____ Model: _____ Year: _____
Capacity: _____ litres/gallons License No. _____

Vehicle No. 2 Make: _____ Model: _____ Year: _____
Capacity: _____ litres/gallons License No. _____

Vehicle No. 3 Make: _____ Model: _____ Year: _____
Capacity: _____ litres/gallons License No. _____

Agreement Conditions:

1. The Corporation permits the above registered wastewater contractor to discharge hauled wastewater into the City's sanitary sewer system at a designated discharge site(s) provided that the wastewater complies with By-law No. 2002-112, City of North Bay Sewer Use By-law, or a separate extra strength discharge agreement has been entered into for any load not meeting sewer use by-law criteria.
2. The Corporation reserves the right to alter the location of any designated discharge site and to control or restrict access to any designated discharge by means of electronic control or other devices.
3. The use of any site not identified by the Corporation as a designated discharge site is prohibited.
4. Notwithstanding 3 above, a Carpet Cleaner Operator may use the service connection at the location of the work site, if available, or may use the service connection at their place of business to discharge carpet cleaning wastewater into the City of North Bay's sanitary sewer system. Such discharges shall not be subject to a disposal fee.

5. The contractor:
- i agrees to complete and file with the Environmental Control Officer, Box 360, 200 McIntyre Street East, North Bay On., P1B 8H8, on a monthly basis, a listing of all wastewater discharges to the City's sanitary sewer system specifying the date, time, location, volume and origin of the wastewater on a form made available for such purposes.
 - ii agrees to pay all applicable fees as specified in By-law No. 2002-112, City of North Bay Sewer Use By-law, as may be amended from time to time, within 30 days of the invoice sent by the Corporation.
6. The Corporation reserves the right to suspend this agreement and/or to suspend the right of access to its sanitary sewer system for any contractor with overdue accounts or for violations of the City's Sewer Use By-law.

Signature of Owner: _____

Please return completed agreement to:

Peter Bullock, Manager of Environmental Services
City of North Bay, P. O. Box 360
North Bay, Ontario P1B 8H8
Fax: 1-705-495-0936