

The Corporation of the Township of Guelph/Eramosa

By-law Number 22/2000

A BY-LAW TO REGULATE THE DISCHARGE OF WATER, WASTES AND OTHER MATTER INTO THE SANITARY SEWERS AND STORM SEWERS OF THE TOWNSHIP OF GUELPH/ERAMOSA

(and to repeal Township of Eramosa By-law No. 36-98)

NOW THEREFORE the Council of the Corporation of the Township of Guelph/Eramosa hereby enacts as follows:

INTERPRETATION

1. For the purposes of this by-law, the following terms shall have the corresponding meanings:

“acute hazardous waste chemical” means a material which is an acute hazardous waste chemical within the meaning of Ontario Regulation 347;

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

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

“commercial waste chemical” means a material which is a commercial waste chemical within the meaning of Ontario Regulation 347;

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

“cyanide” means cyanide as determined by Standard Methods;

“de minimis dose” means a dose of radiation to an individual of 0.05 millisieverts per year;

“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;

“Environmental Protection Act” means the Environmental Protection Act, R.S.O. 1990, Chap. E.19, or any successor thereof;

“fuel” includes any ignitable liquid intended for use as a fuel with a flash point less than 61° Celsius determined by one of the methods in Ontario Regulation 347 and gasoline, naphtha, diesel fuel or fuel oil;

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

“hauled sewage” means waste removed from a cesspool, septic tank system, privy vault or privy pit, chemical toilet, portable toilet, sewage holding tank or any other sewage system of a type regulated under Part VIII or any successor thereof of the Environmental Protection Act;

“hazardous industrial waste” means a material which is a hazardous industrial waste within the meaning of Ontario Regulation 347;

“hazardous waste chemical” means a material which is a hazardous waste chemical within the meaning of Ontario Regulation 347;

“ignitable waste” means a material which is an ignitable waste within the meaning of Ontario Regulation 347;

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

“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, byproduct or waste product;

“Kjeldahl Nitrogen” means organic nitrogen as determined by Standard Methods;

“matter” includes a solid, liquid or gas;

“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;

“once-through cooling water” means non-contact cooling water that has been circulated once through a cooling device;

“Ontario Regulation 347” means Ontario Regulation 347, or any successor Regulation thereof, made under the Environmental Protection Act;

“Ontario Water Resources Act” means the Ontario Water Resources Act, R.S.O. 1990, Chap. O.40 or any successor thereof;

“owner” or **“operator”** means the person who owns or operates any facility or activity which is subject to the provisions of this by-law;

“pathological waste” means a material which is a pathological waste within the meaning of Ontario Regulation 347 or any material which is designated in writing as pathological waste by the Chief Medical Officer of Health in the Province of Ontario;

“PCBs” means any monochlorinated or poly-chlorinated biphenyl or any mixture of these or mixture that contains one or more of them;

“PCB waste” means a PCB waste within the meaning of Ontario Regulation 362/90 or any successor thereof made under the Environmental Protection Act;

“person” includes an individual, association, partnership, corporation, municipality, or an agent or employee thereof;

“pesticide” means a pesticide regulated under the Pesticides Act, R.S.O. 1990, Chap. P.11, or any successor thereof;

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

“phenolic compounds” means those derivatives of aromatic hydrocarbons which have a hydroxyl group directly attached to the ring as determined by Standard Methods;

“phosphorus” means total phosphorus as determined by Standard Methods;

“reactive waste” means a material which is a reactive waste within the meaning of Ontario Regulation 347;

“sanitary sewer” means a sewer for the collection and transmission of domestic, commercial, institutional and industrial sewage or any combination thereof;

“severely toxic material” means any material listed in Schedule 3 of Ontario Regulation 347;

“sewage” means any liquid waste containing animal, vegetable or mineral matter in solution or in suspension, but does not include uncontaminated water by itself;

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

“SIC code” means the 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);

“solvent extractable matter of animal or vegetable origin” means grease and oil as determined by Standards Methods;

“solvent extractable matter of mineral or synthetic origin” means grease and oil as determined by Standard Methods;

“Standard Methods” means a procedure 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 Water Pollution Control Federation, 19th Edition (1995) or any successor thereof, current and at the date of testing, or a procedure published by the Ontario Ministry of Environment and Energy as a standard method or the equivalent of a standard method;

“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;

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

“suspended solids” means solid matter in or on a liquid which matter is removable by filtering and dried as determined by Standard Methods;

“Township” means the Corporation of the Township of Guelph/Eramosa;

“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 or by any means;

“waste disposal site leachate” means leachate from any waste disposal site; and

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

DISCHARGES TO SANITARY SEWERS

2.(1) No person shall discharge or deposit or cause or permit the discharge or deposit of any of the following matter into or in any land drainage works, private branch drain or connection to any sanitary sewer:

- (a) 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;
- (b) which may cause the sludge or compost from sewage works to fail to meet the criteria relating to contaminants for utilizing the sludge or compost for beneficial use under Ontario Guidelines for Sewage Sludge Utilization on Agricultural Lands (as revised October, 1992);
- (c) 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;
- (d) without limiting the generality of the foregoing, any of the following:
 - (i) solid or viscous substances in such quantity or 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, feathers, tar, plastics, wood, unground garbage, animal guts or tissues, paunch manure, whole blood or the product of any garbage grinder;
 - (ii) sewage that causes or may cause an offensive odour to emanate from a sewage works, and includes sewage containing hydrogen sulphide, carbon disulphide and other reduced sulphur compounds, amines or ammonia;

- (iii) stormwater, water from drainage of roofs, sump pumps or land, water from a watercourse or uncontaminated water;
- (iv) water that has originated from a source separate from the water distribution system of the Township;
- (v) sewage or uncontaminated water at a temperature greater than 65° Celsius;
- (vi) sewage having a pH less than 5.5 or greater than 9.5;
- (vii) sewage containing more than 15 milligrams per litre of solvent extractable matter of mineral or synthetic origin;
- (viii) sewage containing more than 100 milligrams per litre of solvent extractable matter of animal or vegetable origin;
- (ix) sewage in which the biochemical oxygen demand exceeds 300 milligrams per litre;
- (x) sewage containing more than 350 milligrams per litre of suspended solids;
- (xi) sewage containing more than 10 milligrams per litre of phosphorus;
- (xii) sewage containing more than 100 milligrams per litre of Kjeldahl Nitrogen;
- (xiii) sewage containing more than 1 milligram per litre of phenolic compounds;
- (xiv) sewage which consists of two or more separate liquid layers;
- (xv) sewage containing dyes or colouring materials which pass through a sewage works and discolour the sewage works effluent;
- (xvi) sewage containing any of the following in excess of the indicated concentrations:

1500 milligrams/litre

chlorides expressed as Cl
sulphates expressed as SO₄

50 milligrams/litre

aluminium expressed as Al
iron expressed as Fe

10 milligrams/litre

fluorides expressed as F

<u>5 milligrams/litre</u>	antimony expressed as Sb 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
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<u>3 milligrams/litre</u>	copper expressed as Cu nickel expressed as Ni zinc expressed as Zn
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<u>2 milligrams/litre</u>	cyanide expressed as TOTAL
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<u>1 milligram/litre</u>	arsenic expressed as As cadmium expressed as Cd
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<u>0.1 milligram/litre</u>	mercury expressed as Hg
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(xvii) the following materials, or sewage containing any of the following, in any amount:

fuel
PCBs
pesticide
severely toxic material
waste radioactive material

(xviii) the following materials, or sewage containing any of the following, in any amount:

hauled sewage
waste disposal site leachate; or

(xix) the following hazardous wastes in any amount:

acute hazardous waste chemical
hazardous industrial waste
hazardous waste chemical
ignitable waste
pathological waste
PCB waste
reactive waste

- (2) In determining whether the limit with respect to any matter prescribed in subsection 2.(1) is contravened, the volume of any water that has been added for the purpose of enabling the limit to be met and any discharges to a sanitary sewer 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.

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- (3) Subclauses 2.(1)(d)(ii) and 2.(1)(d)(xix) do not apply to prevent the discharge of human waste.
- (4) Subclause 2.(1)(d)(iv) does not apply to prevent the discharge of water taken from a source separate from the water distribution system of the Township provided such source is approved by the Township.
- (5) Subclause 2.(1)(d)(xvii) does not apply to prevent the discharge of waste radioactive material where such is being discharged in accordance with a licence from the Atomic Energy Control Board and a copy of such licence has been provided to the Township, nor to the discharge of de minimis waste.
- (6) Subclause 2.(1)(d)(xvii) does not apply to prevent the discharge of PCBs when:
 - (a) the owner or operator of the industrial premises has a certificate of approval relating to the premises from the Ontario Ministry of Environment and Energy which expressly allows the discharge or has written approval from the Director of the Ontario Ministry of Environment and Energy which expressly authorizes the discharge from the premises;
 - (b) the owner or operator of the industrial premises has written approval from the Township 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 Clause 2.6(a) has been provided to the Township.
- (7) Subclause 2.1(d)(xviii) 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 industrial premises under the Environmental Protection Act or the Ontario Water Resources Act, which expressly allows the discharge;
 - (b) the owner or operator of the industrial premises has written approval from the Township which expressly authorizes the discharge from the premises; and
 - (c) a copy of the certificate of approval or written authorization referred to in Clause 2.(7)(a) has been provided to the Township.
- (8) Subclause 2.(1)(d)(xviii) 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 VIII or any successor thereof of the Environmental Protection Act;

- (b) the carrier has written approval from the Township which includes a specified time and location for the discharge; and
 - (c) the discharge occurs at the approved time and location.
- (9) Subclause 2.(1)(d)(xix) 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 industrial premises has a certificate of approval from the Ontario Ministry of Environment and Energy which expressly allows the discharge or written approval from the Director of the Ontario Ministry of Environment and Energy which expressly authorizes the discharge from the premises;
 - (b) the owner or operator of the industrial premises has written approval from the Township which expressly authorizes the discharge from the premises; and
 - (c) a copy of the certificate of approval or written authorization referred to in Clause 2.(9)(a) has been provided to the Township.

DISCHARGES TO STORM SEWERS

- 3.(1) No person shall discharge or deposit or cause or permit the discharge or deposit into or in any land drainage works, private branch drain or connection to any storm sewer any matter:
- (a) of any type or at any temperature or in any quantity which may:
 - (i) interfere with the proper operation of a storm sewer;
 - (ii) obstruct a storm sewer or the flow therein;
 - (iii) result in a hazard to any person, animal, property or vegetation;
 - (iv) impair the quality of the water in any well, lake, river, pond, spring, stream, reservoir or other water or water-course; or
 - (v) result in the contravention of an approval, requirement, direction or other order under the Ontario Water Resources Act or the Environmental Protection Act with respect to the storm sewer or its discharge; or
 - (b) without limiting the generality of the foregoing, any:
 - (i) water at a temperature greater than 40° Celsius;
 - (ii) water having a pH less than 6.0 or greater than 9.0;
 - (iii) water containing more than 15 milligrams per litre of biochemical oxygen demand;
 - (iv) water containing more than 15 milligrams per litre of suspended solids;
 - (v) water containing dyes or colouring material which discolour the water;
 - (vi) water containing solvent extractable matter of animal or vegetable origin or solvent extractable matter of mineral or synthetic origin which causes a visible film, sheen or discolouration on the water surface;

- (vii) water containing any of the following in excess of the indicated concentrations:

<u>200 (0.20 ppm) micrograms/litre</u>	chromium expressed as Cr
<u>50 (0.05 ppm) micrograms/litre</u>	zinc expressed as Zn lead expressed as Pb nickel expressed as Ni
<u>10 (0.01 ppm) micrograms/litre</u>	copper expressed as Cu
<u>1 (0.001 ppm) microgram/litre</u>	cadmium expressed as Cd mercury expressed as Hg
<u>200 per 100 millilitres</u>	fecal coliforms; or

- (viii) sewage,
once-through cooling water,
blow-down,

- (ix) automotive or machine oils and grease,
fuel,
paint and organic solvent,
PCBs,
pesticide,
severely toxic material,
waste disposal site leachate,
waste radioactive material,

- (x) acute hazardous waste chemical,
hazardous industrial waste,
hazardous waste chemical,
ignitable waste,
pathological waste,
PCB waste
reactive waste; or

- (xi) matter that in any concentration or quantity will cause the death of or injury to any person, fish, animal, bird, fowl or damage to any property.

- (2) Subclause 3.(1)(b)(viii) does not apply to prevent the discharge of once-through cooling water or blowdown when:

- (a) the once-through cooling water or blowdown is being discharged, pursuant to a certificate of approval or order relating to the industrial premises under the Environmental Protection Act or the Ontario Water Resources Act which expressly allows the discharge;
- (b) the owner or operator of the industrial premises has written approval from the Township which expressly authorizes the discharge from the premises; and
- (c) a copy of the certificate of approval or order referred to in Clause 3.(2)(a) has been provided to the Township.

- (3) The provisions of Subsection 3.(1) apply only to the discharge of stormwater runoff from an industrial process area to a storm sewer and to any stormwater discharge to a storm sewer to which the matter prohibited by Subsection 3.(1) has been added for the purpose of disposing of the matter.
- (4) The provisions of Subclauses 3.(1)(b)(iv), 3.(1)(b)(v), 3.(1)(b)(vi) and 3.(1)(b)(vii) do not apply to prevent the discharge of stormwater runoff from an industrial process area to a storm sewer when:
 - (a) the owner or operator of the industrial premises has a certificate of approval or order relating to the premises under the Environmental Protection Act 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 Township.

SAMPLING AND ANALYSIS

- 4.(1) Where the Township obtains a sample for the purpose of determining the characteristics or contents of any sewage, uncontaminated water or stormwater, one sample alone is sufficient and 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.
- (2) Except as otherwise specifically provided in this by-law, all tests, measurements, analyses and examinations of sewage, uncontaminated water and stormwater, shall be carried out in accordance with Standard Methods.
- (3) For aluminium, antimony, arsenic, bismuth, cadmium, chromium, cobalt, copper, iron, lead, manganese, mercury, molybdenum, nickel, selenium, silver, tin, titanium, vanadium and zinc, where the concentration of such matter is limited in Subclauses 2.(1)(d)(xvii) and 3.(1)(b)(vii), the analysis of such matter shall be for the quantity of total metal, which includes all metal both dissolved and particulate.

SPILLS

- 5.(1) Every person who discharges or deposits or causes or permits the discharge or deposit of sewage into or in any land drainage works, private branch drain or connection to any sanitary sewer or storm sewer shall, where such discharge or deposit is abnormal in quality or quantity in light of all the circumstances of the discharge or deposit, forthwith notify the Township.
- (2) Every person who discharges or deposits or causes or permits the discharge or deposit of uncontaminated water or stormwater into or in any land drainage works, private branch drain or connection to any sanitary sewer or storm sewer shall, where such discharge or deposit is abnormal in quality or quantity in light of all the circumstances of the discharge or deposit, forthwith notify the Township.

- (3) Every person who discharges or deposits or causes or permits the discharge or deposit of any matter listed in Subclause 2.(1)(d)(xvii), 2.(1)(d)(xviii) or 2.(1)(d)(xix) into or in any land drainage works, private branch drain or connection to any sanitary sewer or storm sewer shall forthwith notify the Township.
- (4) Every person who discharges or deposits or causes or permits the discharge or deposit of any matter listed in Subclauses 3.(1)(b)(viii), 3.(1)(b)(ix), 3.(1)(b)(x) or 3.(1)(b)(xi) into or in any land drainage works, private branch drain or connection to any storm sewer shall forthwith notify the Township.
- (5) For any of the discharges set out in this Section for which the person is required to forthwith notify the Township, the notification shall include the following information:
 - (a) name of the company and the address of location of spill;
 - (b) name of person reporting the spill and telephone number where that person can be reached;
 - (c) time of the spill;
 - (d) type and volume of material discharged and any associated hazards; and
 - (e) corrective actions being taken to control the spill.
- (6) Within five days following a discharge to which Subsection 5.(5) applies, the person shall submit to the Township a detailed written report describing the cause of the spill and the actions taken or to be taken to prevent a recurrence.

MANHOLES REQUIRED

- 6.(1) Every owner or operator of an industrial premises with one or more connections to a sewage works shall install and maintain in good repair in every such 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 Township.
- (2) The manhole or alternate device referred to in Subsection 6.(1) shall be located on the property line of the premises, unless the Township has given written approval for a different location.
- (3) Every manhole, device or facility installed as required by Subsection 6.(1) shall be designed and constructed in accordance with good engineering practices and the requirements of the Township, and shall be constructed and maintained by the owner or operator of the premises at his or her expense.
- (4) Every owner or operator of an industrial premises shall ensure that every manhole, device or facility installed as required by Subsection 6.(1) is at all times accessible for purposes of observing and sampling the sewage and measuring the flow of sewage therein.

GENERAL PROVISIONS

7. No connection shall be made to sanitary sewers without the prior written approval of the municipality.
8. The Township may require the owner or operator of an industrial premise to install and maintain devices to monitor sewage discharges and to submit regular reports regarding such discharges to the Township and such reports shall be to the satisfaction of the Township.
9. A person appointed by Council for the purpose of ensuring compliance with, carrying out tests under, and enforcing the provisions of this by-law may, upon production of his or her identification, enter any industrial premises to carry out his or her duties under this by-law.
10. No person shall break, damage, destroy, deface or tamper or cause or permit the breaking, damaging, destroying, defacing or tampering of:
 - (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.
11. The charge for unblocking a sanitary sewer lateral on private property is \$200.00.
12. The SIC codes for various industrial sectors shall be those Standard Industrial Classification codes set out in Schedule "A" of this by-law.

OFFENCE

13. Every person who contravenes any provision of this by-law is guilty of an offence.

PENALTIES

- 14.(1) Every person who is convicted of an offence under this by-law is liable to a penalty of not more than Ten Thousand dollars (\$10,000.00) for a first offence and Twenty-five Thousand dollars (\$25,000.00) for any subsequent offence.
 - (2) Where a corporation is convicted of an offence under this by-law, the maximum penalty that may be imposed upon the corporation is Fifty Thousand dollars (\$50,000.00) for the first offence and One Hundred Thousand dollars (\$100,000.00) for any subsequent offence.

SCHEDULES FORM PART OF BY-LAW

15. Schedule "A" attached hereto shall form part of this by-law.

PRIOR BY-LAWS REPEALED

16. Township of Eramosa By-Law No. 36-98 is hereby repealed.

READ A FIRST AND SECOND TIME this **15th** day of **May**, 2000.

David Adsett, Mayor

Janice Sheppard, Clerk

READ A THIRD TIME AND PASSED this **15th** day of **May**, 2000.

David Adsett, Mayor

Janice Sheppard, Clerk

Schedule "A" to By-law Number 22/2000

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STANDARD INDUSTRIAL CLASSIFICATION CODES

CATEGORY	SIC (U.S.)	SIC (CANADIAN)
Construction Industry	1600-1799	4011-4499
<u>Food and Kindred Products</u>		
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
miscellaneous food processing	2095-2099	1091-1099
tobacco	2110-2141	1211-1221
<u>Textile Mill Products</u>		
primary textiles	2211-2269	1800-1899
textile products	2271-2299	1900-1999
apparel and other textile products	2311-2399	2441-2499
<u>Lumber and Wood Products</u>		
timber products processing	2411-2499	2511-2599
wood preserving	2491	2591
wood and metal furniture manufacturing	2510-2599	2611-2699
<u>Paper and Allied Products</u>		
pulp, paper and paperboard mills	2600-2631	2711-2712
miscellaneous converted paper products	2640-2655	2731-2799
building paper and board mills	2661	2713-2719
printing and publishing	2700-2799	2811-2899
<u>Chemicals and Allied Products</u>		
inorganic chemicals manufacturing	2810-2819	3711
phosphate manufacturing	2819	3721-3729
plastics, resins and synthetic fibres manufacturing	2821-2824	3731
pharmaceutical manufacturing	2830-2834	3741
soaps and cosmetics	2840-3844	3761-3771
paints, varnishes manufacture	2851	3751
gums and wood chemicals	2861	3712
dye manufacture	2865	3712
organic chemicals and pesticide manufacturing	2869	3712
pesticide formulation	2879	3712

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CATEGORY	SIC (U.S.)	SIC (CANADIAN)
fertilizer manufacture	2873-2875	3721-3729
adhesives and sealants	2891	3792
explosives	2892	3711
ink manufacture	2893	3791
carbon black	2895	3711
chemicals and chemical preparation	2899	3711
petroleum refining	2911	3611
paving and roofing materials	2951-2952	3699
coal and petroleum products	2991-2999	3612-3698

Rubber & Miscellaneous 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/manufacturing	3331-3369	2951-2999
aluminium forming	3353-3355	2951
copper forming	3351-3357	2959
miscellaneous 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
miscellaneous fabricated metal products	3490-3499	3011-3099

Equipment and Machinery

machinery manufacturing	3500-3599	3111-3199
electrical and electronic equipment	3612-3690	3311-3399
battery manufacturing	3691-3692	3391
miscellaneous electrical equipment	3693-3699	3392-3399
transportation equipment	3711-3799	3211-3299
instruments and related products	3811-3873	3911-3914
miscellaneous manufacturing	3911-3999	3921-3999
photographic chemical manufacturing	3861	

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CATEGORY	SIC (U.S.)	SIC (CANADIAN)
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Transportation and Public Services

transportation services	4000-4799	4511-4599
electricity generation and distribution	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 station	5541	6331
automotive 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 and exterminating	7342	9951
building maintenance	7349	9952-9959