

Waste Discharge to Sewer – Restricted Wastes

Restricted waste includes any waste which, at the point of discharge into a sewer, contains any contaminant at a concentration in excess of the limits set out below.

All concentrations are expressed as total concentrations which includes all forms of the contaminant, whether dissolved or undissolved.

Below is a detailed list of materials that are restricted from being disposed of through sewer or sanitary systems:

Conventional Contaminants [mg/L]

- Biochemical oxygen demand (BOD)500
- Chemical oxygen demand (COD).....1000
- Oil and grease*.....100
- Suspended solids.....350

*Total oil and grease includes oil and grease (hydrocarbons) (see table (b))

Organic Contaminants [mg/L]

- Benzene.....0.1
- Ethyl benzene.....0.2
- Toluene.....0.2
- Xylenes0.2
- Polynuclear aromatic hydrocarbons (PAH)**0.05
- Phenols1.0
- Oil and grease (hydrocarbons).....15

**Polynuclear aromatic hydrocarbons (PAH) include:

Inorganic Contaminants [mg/L]

Arsenic.....0.4	Manganese.....5
Cadmium.....0.3	Mercury.....0.02
Chloride.....1500	Molybdenum.....5
Chromium.....4	Nickel.....3
Cobalt.....5	Selenium.....0.3
Copper.....1	Silver.....0.5
Cyanide.....1	Sulphate.....1500
Iron.....50	Sulphide.....1
Lead.....1	Zinc.....3

Food Waste

Any non-domestic waste from cooking and handling of food that, at the point of discharge into a sewer, contains particles larger than 0.5 centimetres in any dimension.

Radioactive Waste

Any waste containing radioactive materials that, at the point of discharge into a sewer, exceeds radioactivity limitations as established by the Canadian Nuclear Safety Commission. (Bylaw 3016)

pH Waste

Any non-domestic waste which, at the point of discharge into a sewer, has a pH lower than 5.5 or higher than 11.0, as determined by either a grab or a composite sample.

Dyes & Colouring Material

Dyes or colouring materials which may pass through a sewage facility and discolour the effluent from a sewage facility except where the dye is used by the District, or one or more of its municipalities, as a tracer.

Miscellaneous Restricted Waste

Any of the following wastes as defined in the bylaw:

- Seawater
- PCBs
- Pesticides
- Tetrachloroethylene
- Chlorinated phenols
 - chlorophenol (ortho, meta, para)
 - dichlorophenol (2,3, 2,4-, 2,5-, 2,6-, 3,4-, 3,5-)
 - trichlorophenol (2,3,4-, 2,3,5-, 2,3,6-, 2,4,5-, 2,4,6-, 3,4,5-)
 - tetrachlorophenol (2,3,4,5-, 2,3,4,6-, 2,3,5,6-)
 - pentachlorophenol