

Responsible Wastewater Management

Our sanitary sewer system and wastewater treatment plant help prevent the spread of waterborne diseases and protect the receiving environment from harm. Many products that are routinely used at home and at the workplace may pose a risk to public health and safety or damage the City's wastewater treatment plant if they are discharged into the system. Discharging chemicals that require additional treatment or that are not treatable can have significant environmental and financial impacts.

THE MAIN OBJECTIVES OF MANAGING LIQUID WASTE AT THE SOURCE INCLUDE:

1. Protection of health and the environment
2. Protection of infrastructure
3. Worker safety
4. Prevent sewer overflows

Some chemicals cannot be effectively treated in a wastewater treatment plant, and are prohibited from being discharged to the sanitary sewer system. Make sure you know what can and cannot be discharged to the sanitary sewer system.

Inside are lists of prohibited and restricted substances from the Sanitary Sewer System Regulation Bylaw No. 3702.

Visit chilliwack.com/sewer for a copy of the full bylaw.



604-793-2907

utilities@chilliwack.com

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RESPONSIBLE WASTEWATER MANAGEMENT



A Guide for
Industrial Businesses

chilliwack.com/sewer

IMPORTANT REMINDERS FOR INDUSTRIAL BUSINESSES



Never discharge oil, grease, antifreeze or solids to the sewer system or any other items listed under the prohibited substances.



Minimize the quantities of chemicals kept on site and appropriately dispose of old or used fluids and containers through a Provincial Take Back Program (if applicable) or by returning it to the supplier.



Scan to visit rbc.bc.ca

For more information check the Recycling Council of British Columbia website at rbc.bc.ca or call 604-RECYCLE. **DO NOT POUR ANY OLD OR USED CHEMICALS DOWN THE SANITARY SYSTEM.**



Label all chemicals on site according to WHMIS requirements and store in a secure area where spills can be contained.



Promptly clean up spills with a dry absorbent and appropriately dispose of used absorbent as outlined on the spill kits. **DO NOT FLUSH SPILLS DOWN THE DRAIN.**



Ensure all staff members are trained on the practices described above.

PROHIBITED WASTE

- × Hazardous substances
- × Combustible liquid
- × Biomedical waste
- × Specified risk material
- × Dyes or coloring materials
- × Fuel
- × Ignitable waste
- × Pathological waste
- × PCBs
- × Pesticides which are not otherwise regulated in this Bylaw
- × Reactive waste
- × Toxic substances which are not otherwise regulated in this Bylaw
- × Waste radioactive substances
- × Solid or viscous substances



RESTRICTED WASTE

A Waste Discharge Permit may be required for industrial business operations discharging non-domestic wastewater to the sanitary sewer. Please refer to the Sanitary Sewer Regulation Bylaw 2010, No. 3702 for information. Contact utilities@chilliwack.com to inquire about a permit.

CONVENTIONAL CONTAMINANTS & PHYSICAL PARAMETERS

- ⚠ BOD
- ⚠ Oil and Grease (animal and vegetable)
- ⚠ Oil and Grease (mineral and synthetic/hydrocarbon)
- ⚠ TSS
- ⚠ pH
- ⚠ Temperature

RESTRICTED WASTE CONT.

ORGANIC CONTAMINANTS

- ⚠ Benzene
- ⚠ Chloroform
- ⚠ Dichlorobenzene (1,2-)
- ⚠ Dichlorobenzene (1,4)
- ⚠ Ethylbenzene
- ⚠ Hexachlorobenzene
- ⚠ Methylene chloride (dichloromethane)
- ⚠ PCBs (chlorobiphenyls)
- ⚠ Phenols, Total (or Phenolic Compounds)
- ⚠ Tetrachloroethane (1,1,2,2-)
- ⚠ Tetrachloroethane
- ⚠ Toluene
- ⚠ Trichloroethylene
- ⚠ Xylenes, total

INORGANIC CONTAMINANTS

- ⚠ Arsenic, total
- ⚠ Cadmium, total
- ⚠ Chromium, total
- ⚠ Cobalt, total
- ⚠ Copper, total
- ⚠ Cyanide, total
- ⚠ Lead, total
- ⚠ Mercury
- ⚠ Molybdenum, total
- ⚠ Nickel, total
- ⚠ Nitrogen, Total Kjeldahl
- ⚠ Phosphorus, total
- ⚠ Selenium, total
- ⚠ Silver, total
- ⚠ Sulphide (as H₂S)
- ⚠ Zinc, total

