



# Commercial Plastics Industry Wastewater Information Handout

The commercial plastics industry must adhere to The City of Calgary Wastewater Bylaw 14M2012 and The City of Calgary Stormwater Bylaw 37M2005. Use these tips to comply with regulatory requirements, lower fees and protect your business, the community and the environment.

## Considerations for wastewater collection

- Filter screens shall be installed at any water release point to capture all solid form plastics.
- Solids must be diverted to a solids waste stream unless the materials are considered hazardous, in which case they shall be sent to an appropriate treatment facility.
- Visit [calgary.ca/hhw](http://calgary.ca/hhw) or contact 311 for the hazardous materials disposal requirements.

## Management practices to safely dispose of generated wastewater

- Ensure adequate housekeeping practices are in place and diligently adhered to.
- Check all transloading stations and equipment to avoid any unintentional releases.
- Locate all nearby storm drains to prevent accidental spills into the storm system.
- Install all proper pre-treatment systems prior to any discharge point.

## How to dispose of wastewater

- Drains connected to the Wastewater System (i.e. floor drains and sinks) may be used to dispose of wastewater if the following conditions of the Wastewater Bylaw (14M2012) are met:
  - Does not contain any substances listed in Schedule A Prohibited Substances
  - Does not exceed any concentrations listed in Schedule B Restricted Substances and Schedule C Surcharge Substances
- If the wastewater exceeds City of Calgary Wastewater Bylaw limits, the wastewater can be disposed of at other waste treatment facilities where industrial wastewater is permitted.

### Wastewater Bylaw 14M2012 Fines for Non-Compliance

*27(2)(a) Failing to install an interceptor*  
**Specified Penalty \$2000**

*27(2)(b) Failing to properly maintain and clean each interceptor*  
**Specified Penalty \$1500**

*26(4)(b) Failing to maintain a maintenance schedule and record of each maintenance for the pre-treatment system for a period of two years*  
**Specified Penalty \$500**

*43(6) Failing to comply with a Remedial Order*  
**Specified Penalty \$1000**

## What to do if you have an accidental release

Every company that has a risk of an accidental release should have a comprehensive spill response plan and accompanying spill kit that must be present at each working location. The kit should consist of:

- Inert absorbent materials (sand, clay, vermiculite, absorbent socks/pads)
- Brooms, shovels and dustpans to clean up the absorbent material and released materials
- Portable barriers or storm drain covers to prevent spills from entering the stormwater system

In the event of an unintentional release, it is important to act quickly to prevent the wastewater and its constituents from entering any nearby storm drain.

The Wastewater Bylaw section 35 under “*Release Reporting*” requires the person who released or allowed the release of wastewater to notify:

- The City of Calgary by contacting 311 as well as the Industrial Monitoring Group at [img@calgary.ca](mailto:img@calgary.ca)
- The owner of the premise where the release occurred.
- Any other person that may be affected by the release.

## Frequently asked questions about pre-treatment systems

**Q: What do I need to install?**

**A:** You need to install a system to remove or capture any solids, fluids or chemicals released from your business, to prevent unwanted substances from going into the sewer or the environment. This system is often referred to as ‘pre-treatment’.

**Q: Who can do the installation?**

**A:** Pre-treatment selection and installation must be completed by a qualified / certified consultant or tradesperson. There are several businesses located in Calgary that offer this technical expertise and service.

**Q: Who cleans it?**

**A:** A qualified service provider can assist with this requirement, as well as tools to help manage cleaning needs and offer proper disposal of waste material.

**Q: How much it is going to cost me?**

**A:** We would suggest obtaining a few install and maintenance quotes to make an informed decision for your business.

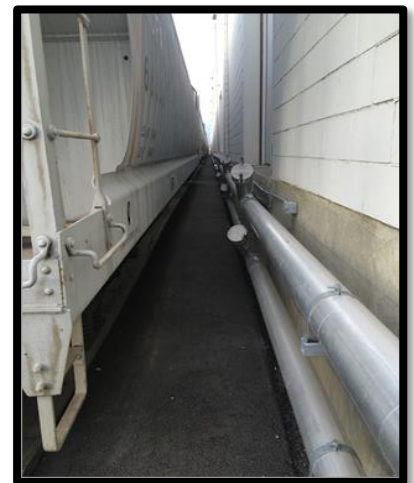
**For more information please contact 311 or the Industrial Monitoring Group at [img@calgary.ca](mailto:img@calgary.ca)**



*Resin Holding Tanks*



*Stormwater Screening System*



*Paved Railway Transloading*