Chemical handling and storage

Follow these beneficial practices to help protect our community’s drinking water.

**Spill containment**
- Keep chemicals away from storm drains, sanitary sewers and watercourses
- Seal floor cracks
- Complete drain assessments
- Cover or decommission drainage points

**Handling**
- Continuously supervise delivery and transfer of chemicals by staff trained on spills plan

**Spill kits**
- Stock with materials appropriate for chemicals on site
- Complete monthly inventory checks and restock as required
- Place in accessible locations at every chemical handling and storage location on-site

**Record keeping**
- Document and retain dates and details for:
  - Staff training
  - Spill kit inventory checks
  - Storage inspections and measurements

**Storage tanks**
- Store chemicals in aboveground, double-walled tanks with automatic leak detection system, corrosion and backflow protection
- Decommission and remove underground storage tanks

**Storing smaller quantities**
- Remove unknown and unused chemicals
- Store in appropriate containers as identified in Safety Data Sheets
- Store within a berm, dyke, pallet, tray or other system that can contain 110% of the largest container

**Storage areas**
- Store in secured area with restricted access
- Protect chemicals from all vehicular traffic

**Spills plan**
- Include prevention and response measures
- Review at least once a year
- Train staff upon hire with annual reviews

**Regular inspections**
- Inspect chemical storage areas and storage tanks at least once a week

**Report all spills immediately**
- Display emergency contacts including the Region of Waterloo

www.regionofwaterloo.ca/spills