

# Pollution Prevention

Protecting our environment and drinking water sources is very important and there actions we can all take to help! Learn about preventing pollution by visiting the links below and completing the scavenger hunt!

Name: \_\_\_\_\_



PollutionPrevention

## Resources:

- 1) Pollution Prevention: <https://www.hamilton.ca/home-property-and-development/water-sewer/pollution-prevention>
- 2) Fats, Oil and Grease: <https://www.hamilton.ca/home-property-and-development/water-sewer/household-fats-oils-and-grease>
- 3) Keeping Pollutants Out of the Drain: <https://www.hamilton.ca/home-property-and-development/water-sewer/keeping-pollutants-out-drain>

## 1) You can prevent pollution at home by doing the following:

- Do not pour unused household \_\_\_\_\_ down the drain or into your toilets
- Return expired or unused \_\_\_\_\_ to your pharmacy. Do not dispose of these down your sink drains or in the toilet.
- Never flush \_\_\_\_\_, even if the package says "flushable".
- Properly dispose of products such as paints, solvents and vehicle fluids by taking them to the City's \_\_\_\_\_.

2) When you dump grease, fat and cooking oil down the drain in your sink, they attach to the inside of the sewer pipes. This creates a \_\_\_\_\_ over time that could affect your sewer and the city sewer.

3) Before washing your dishes, scrape grease, fat and cooking oil into your \_\_\_\_\_.

4) One thing clogged pipes can cause is \_\_\_\_\_.

## 5) You can prevent pollutants from entering street drains by:

- Minimizing the use of \_\_\_\_\_ in your lawn and garden.
- Take your car to a \_\_\_\_\_ instead of washing it in the driveway.
- Do not sweep or hose anything into the \_\_\_\_\_ in the street.



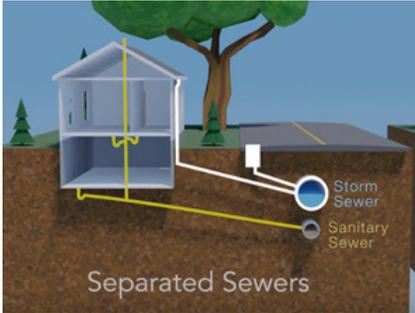




# The Sewer System

Many of us don't know that we have a complex network of sewers carrying wastewater right beneath our feet! Sewers play an important role in keeping humans and the environment safe from toxic wastewater. Visit the link below and answer the questions to learn more about our sewers!

Name: \_\_\_\_\_



## Resources:

1) The Sewer System: <https://www.hamilton.ca/home-property-and-development/water-sewer/sewer-system>

- 1) The City of Hamilton has two kinds of sewers. In newer areas of Hamilton is the \_\_\_\_\_ sewer system and in older areas is the \_\_\_\_\_ sewer system.
- 2) The separated sewer system has two pipes. One that carries \_\_\_\_\_ to the Wastewater Treatment Plant and another that carries \_\_\_\_\_ directly to Hamilton Harbour.
- 3) The combined sewer system has \_\_\_\_\_ pipe that carries \_\_\_\_\_ and \_\_\_\_\_ to the Wastewater Treatment Plant.
- 4) The combined sewer system can only handle so much wastewater and stormwater at once. During rain events, large tanks are used to store wastewater until the wet weather stops. However, if the tanks reach capacity, the wastewater will overflow into \_\_\_\_\_.
- 5) If the combined sewer system didn't have the designed overflow option to release wastewater to the harbour, large areas of Hamilton would experience \_\_\_\_\_.





