



INSPECT AND MAINTAIN YOUR STORMWATER OIL GRIT SEPARATOR OR FILTER



WHERE CAN I LEARN MORE?

If you require this information in a different language or would like more information about inspecting and maintaining your oil grit separator, please contact:

City of Brampton

Planning, Building and Growth Management
Environment & Development Engineering

E-mail: growgreen@brampton.ca

Visit: Brampton.ca/RR-Business



WHAT IS STORMWATER?

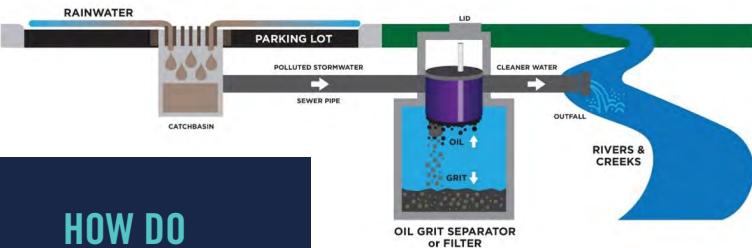
Stormwater is rainfall and snowmelt that flows across hard surfaces like paved parking lots, into Brampton's stormwater drainage system, and ultimately into local rivers and creeks. Stormwater picks up pollutants as it runs over the ground, such as dirt, oil, pesticides, and metals.

WHAT IS A STORMWATER OIL GRIT SEPARATOR OR FILTER?

Oil Grit Separators and filters are underground devices that remove pollutants like oil and sediment from stormwater. By capturing these pollutants, these devices prevent pollution from entering Brampton's stormwater drainage system and local rivers and creeks.

WHO HAS OIL GRIT SEPARATORS OR FILTER?

- Industrial, commercial and institutional sites
- Gas stations and automotive service stations
- Multi-residential properties



HOW DO THEY WORK?

Oil and other pollutants collect on paved parking lots, driveways and roads over time and then are washed off by stormwater and into an Oil Grit Separator or filter.

Oil Grit Separators or filters are designed to remove oil and sediment from stormwater and store them until the device can be cleaned. In the Oil Grit Separator or filter, sediments settle and are stored at the bottom, while oily fluids rise to the top for storage. This allows the cleaner water to drain into the City's stormwater drainage system. Oil Grit Separators store a specific amount of sediment and oil. Filters capture even smaller particles in filter media, which is the final step of the device.

For Oil Grit Separators and filters to work properly, they must be routinely cleaned, and filter media must be periodically rinsed and replaced. Cleaning schedules depend on the size of the drainage area, activities taking place on the property the types of surfaces that are present, and the recommendations of your annual inspection.

WHERE ARE STORMWATER OIL GRIT SEPARATORS AND FILTERS LOCATED?

Many property owners may not be aware there is an Oil Grit Separator or filter on their property. Oil Grit Separators and filters are underground and in line with your storm sewer system. They are typically placed at the edge of parking lots or in boulevards near the property line. Property owners can confirm the location by referring to their site servicing plans.

HOW ARE THEY INSPECTED AND CLEANED?

1. The appropriate inspection schedule should be determined by a qualified service provider. The minimum frequency is at least one annual inspection.
2. A qualified inspector will measure the depth of oil and sediment in the device and compare them to the manufacturer's specifications.
3. If the observed depth of oil or sediment has reached the maximum limit, the inspector will recommend that the device must be cleaned.
4. The inspector will identify broken or missing parts that need repair or replacement.
5. For filters, the inspector will compare the filter media to the manufacturer's specifications and recommend whether the filter media needs to be rinsed or replaced.

If maintenance has been recommended, it is the property owner's obligation to hire a contractor to professionally clean the device, which is usually done using a vacuum truck. The oil and sediment and expired filter media must be disposed of in accordance with the Ministry of Environment, Conservation and Parks (MECP) legislation.

IS THERE A CONSEQUENCE TO NOT MAINTAINING STORMWATER OIL GRIT SEPARATORS AND FILTERS?

If Oil Grit Separators and filters are not properly maintained, they will no longer capture oils, sediments, and other pollutants, causing them to enter the stormwater system. Owners of these devices that neglect to maintain them may be subject to enforcement under the City's Sewage By-law 90-75, as amended.

PROTECT YOUR HEALTH AND THE ENVIRONMENT

Many pollutants that end up in Brampton's stormwater drainage system flow into local rivers and creeks and to Lake Ontario - Brampton's source of drinking water. Help protect your health and the environment by ensuring your Oil Grit Separator or filter is in good working order. You can do this by having it inspected annually by a qualified service provider and professionally cleaned out when required.