



City of Brier

Drainage Facility
Inspection &
Maintenance Program



Surface Water Management Surface Water Program

Recently, the City has been affected by increasing state and federal surface water quality regulations. These include the Endangered Species Act, the Swamp Creek

Total Maximum Daily Load (TMDL) allocation for fecal coliform bacteria and the National Pollutant Discharge Elimination System (NPDES) Phase II Municipal Stormwater Permit. These regulations require the City to “ramp up” its stormwater management program to achieve compliance and keep our surface waters clean. The City’s program addresses a wide range of issues, including improving water quality, reducing flooding, and complying with all regulations. One way we achieve this goal is through regular maintenance of all drainage facilities.



By keeping your drainage facility maintained, you not only satisfy City of Brier requirements, but you also reduce the chance of flooding on your property and downstream properties and help to protect important waters of the state by keeping them clean.



It is important that you regularly maintain your storm drainage facility so that it performs as designed.

Drainage Facility Inspection & Maintenance Program

The purpose of the program is to identify public and private drainage facilities that are in need of Maintenance and/or repair, ensure each drainage facility is properly cleaned and maintained by the facility owner so that it performs as designed and to help the facility owners understand and meet their maintenance responsibilities.



WASHINGTON
waters
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FAQ's

What is Stormwater?

Stormwater is rain and snow melt that runs off surfaces such as rooftops, paved streets, highways and parking lots. As water runs off these surfaces, it can pick up pollution such as: oil,

fertilizers, pesticides, soil, trash and animal waste, and From here flows directly into a local stream, bay or lake. Or it goes into a storm drain and continues through storm pipes until it is released untreated into local waterways.

What is a drainage facility?

Stormwater detention facilities are specifically designed and engineered to receive and temporarily hold large amounts of stormwater to protect areas from flooding. Detention facilities can keep existing drainage systems from exceeding capacity. They can be either constructed above ground or placed underground as a vault. These facilities must be inspected and maintained on a regular basis to prevent flooding, property damage and protect important waters of the state. Examples include detention ponds, oil/water separators, biofiltration swales, biofilters, media filters, catch basins, control structures and underground vaults.



Who is responsible for maintaining the stormwater pond by my house?

It is the property owner's responsibility to maintain the stormwater management facility onsite. If the stormwater facility is located in a short plat (4 lots or less), it

would then be the homeowner's responsibility for maintaining that stormwater facility with in the short plat.



Stormwater facilities require periodic maintenance – such as landscaping and sediment removal.

Will the City of Brier clean our drainage facility?

No, the City of Brier is responsible for maintaining the publicly owned parts of the storm drainage system and cannot legally maintain private storm systems. The City of Brier has no easement or maintenance obligations for privately owned facilities. Private stormwater facility owners are responsible for regular maintenance of their storm drainage facility so that it performs as designed.



A major cause of storm drainage problems is debris, sediment and other trash that may build up.

What are my maintenance obligations?

Most stormwater facilities need to be actively maintained to remove pollutants or regulate flow rates as designed. As a property owner, you are required by City ordinances to regularly perform maintenance on your stormwater facility. The City can help you establish an appropriate maintenance frequency.



What kinds of pollutants are found in the storm drainage system?

Paint thinner and paint products, oil, pesticides, foam cups, paper products, excessive soil and sediment, animal feces, antifreeze, golf balls, diapers, and dead animals are a few of the pollutants found in the system on a daily basis.



Pollutants found next to a storm drain inlet.

Yard clippings and leaves are natural, so they don't cause problems if swept into storm drains, right?

Grass, leaves and yard clippings that are repeatedly swept into catch basins can cause flooding due to clogs. They can become a breeding ground for rodents and insects. Grass and leaves that enter the ocean contribute to new plant growth and lower oxygen levels, threatening fish and other organisms. It is a violation of BMC to sweep debris from private property onto City right of way.

Additional Information

City of Brier
www.ci.brier.wa.us

Puget Sound Partnership

Stormwater Management:
www.psparchives.com/our_work/stormwater.htm

Washington State Department of Ecology

Stormwater Regulations:
www.ecy.wa.gov/programs/wq/stormwater/index.html



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REPORT ILLEGAL DUMPING
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