



What is a Storm Drainage System?

- The City of Shoreline's storm drainage system is a complex infrastructure of ponds, ditches, drains, and vaults that are designed to manage stormwater runoff.
- The storm drainage system is meant to carry only uncontaminated stormwater runoff since it discharges untreated water directly into streams, rivers, groundwater, and the Puget Sound.
- The components of the system must be regularly inspected to ensure proper performance and to minimize negative environmental impacts.



Only Rain Down the Drain

Storm Drainage System Maintenance

Runoff from rain and the pollutants it picks up flows in here...



and ends up here.

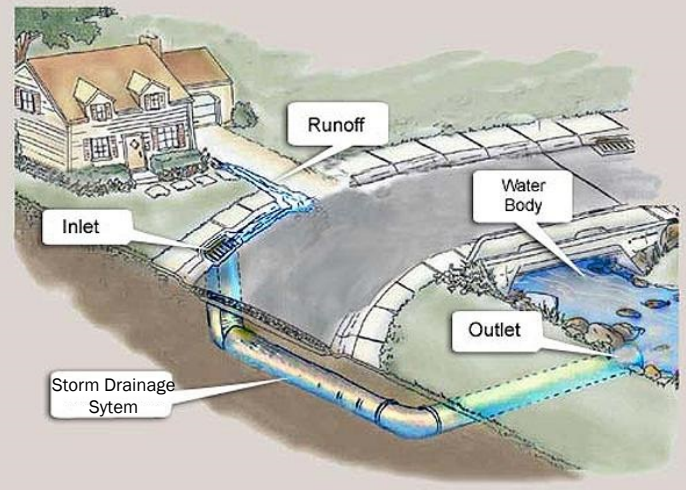


Image (edited) courtesy of Delaware Department of Transportation

*Report water pollution.
If you see something, say something.*

City of Shoreline Public Works
Surface Water Utility
17500 Midvale Ave N, Shoreline, WA 98133
206.801.2450 or www.shorelinewa.gov/surfacewater

Want more information?

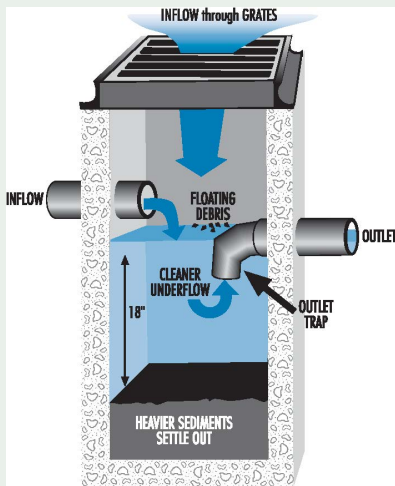
Go to www.shorelinewa.gov/stormwatermaintenance



Common Storm Drainage Structures

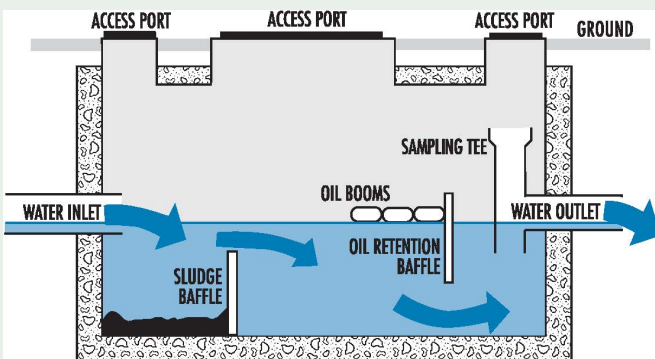
Maintain Your Storm Drainage System

Catch Basins



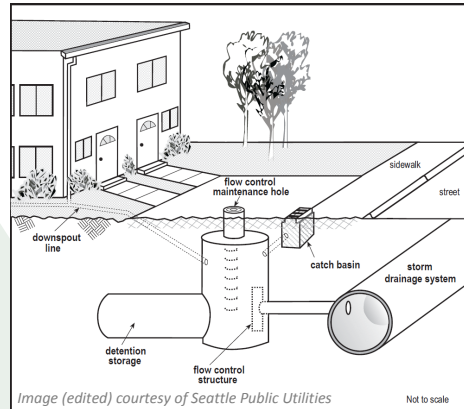
- Concrete basins beneath storm drain grates intake surface water runoff, trapping heavy sediment and allowing cleaner runoff to continue downstream through the drainage system.

Oil/Water Separators



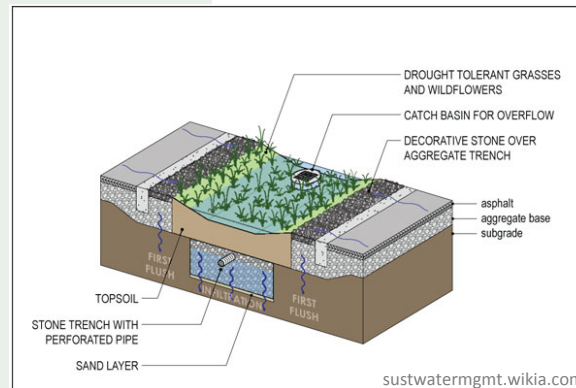
- Baffles retain floating oil and heavy solids, keeping contaminants from migrating downstream with stormwater runoff.

Stormwater Flow Control Facilities



- Temporarily store stormwater runoff and release it at a controlled rate.
- Storage areas, such as large underground pipes or vaults, or above-ground ponds, contain flow control tee's to regulate how fast water leaves the system.

Bio-Retention Swales



- Porous soil media and flood/drought tolerant plants intercept stormwater runoff, reducing volume and rate of flow by promoting groundwater infiltration and evapotranspiration.



Regular inspections reduce flooding and water pollution

Regularly maintained stormwater systems reduce flooding and water pollution. Inspect and maintain facilities at least yearly and clear debris, sediment, and vegetation as needed, especially after major storms.

- Remove debris and trash from grates, swales, and ponds.
- Look into all storm drains, vaults, and tanks. If water is covering the outlet pipe and it is not raining, schedule maintenance.
- NEVER enter a catch basin, tank, or vault.
- Replace absorbent pads in oil/water separators yearly and after each spill.
- Keep vegetation in swales 3" - 6" tall.
- Keep structures clear! Do not cover or block storm drains.
- Contact a maintenance provider to clean catch basins when 50% full of sediment.
- Dispose of storm drain sediments properly. NEVER spread them on the ground.

Maintenance Providers

For an updated list of providers, call (206) 801-2453.