

Citizen's Flood Prevention Tips

Weathering the spring snow melt

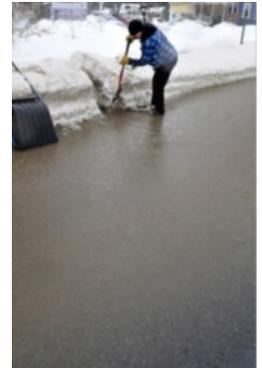
As warm weather approaches, the resulting runoff from snow melt and rain can create flooding headaches for those that aren't prepared. The spring snow melt is often exacerbated by frozen ground conditions, which prevents water from sinking into the ground. The result can be overloaded storm drains, and ponding of trapped runoff in low lying areas. Property owners can take precautions to help reduce the potential for flooding of their property.

Drain Basics

Catch Basins: In areas with curb and gutter, storm water is typically captured by storm drain inlets along the road. These basins should be unobstructed to allow for proper drainage to occur. Basins obstructed by snow and other debris can dramatically change flow patterns and cause flooding of homes and other structures.



Culverts: Another common conveyance structure which can cause flooding are obstructed road and driveway culverts. Drainage systems rely on many drainage structures to convey water safely downstream. An obstruction at any of these points can back up water far upstream, impacting many property owners. If you suspect a culvert is blocked, the appropriate utility owner should be contacted.



Flood Prevention Measures

- **Eaves Troughs & Down Spouts:** They do more than prevent roof runoff from falling on your head. Your eaves system is critical to moving water away from the foundation of your home and preventing infiltration into your basement. One of the most common causes of basement flooding comes from obstructed eaves troughs. Clean them often!
- **Clear snow from normal drainage paths.** Piled snow is an effective dam which can cause homes and property to be inundated. Clearing a path to a lower elevation or drainage structure where water typically flows can prevent a lot of headaches.
- **Clear snow from around manhole and catch basin grates.** Clearing snow from around structures will prevent water from bypassing them and ending up on your property.
- **Check your sump pump.** The time to find out you have a problem with your sump pump is before you need it!
 - ◇ *Make sure floats are not tangled or wedged between pipes and the sump wall. A wedged or tangled float can prevent the pump from turning on when needed.*
 - ◇ *Test the sump.* Pour water into the sump or lift the float if water is present. The pump should start pumping and you should notice the water level in the sump receding.
 - ◇ *Don't assume that because your sump pump runs that everything is fine.* Check the end of your sump discharge line wherever it daylights on your property and clear any obstructions. Shallow buried lines can often freeze and prevent water from discharging.

