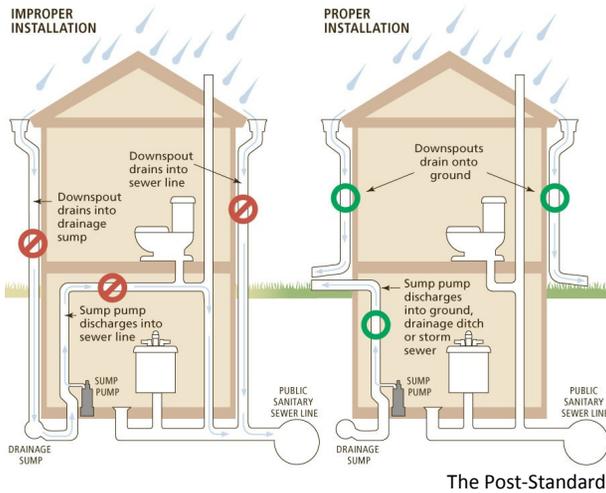


Keep Storm and Sanitary Water Separate

Is Your Sump Pump Connected to the Sanitary Sewer?

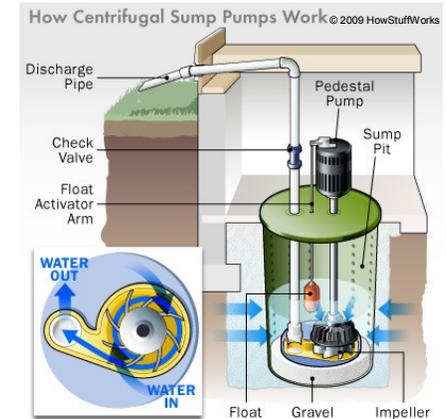


The Post-Standard

Contact

Building Inspections to learn the steps needed for sump pump installation.

The Building Inspections Division of Public Works is your partner in safety and compliance. Contact Building Inspections at **952-953-2588** or inspect@ci.apple-valley.mn.us



Managing Sump Water

Connecting Sanitary and Storm Sewers Is Against The Law

There are two sewer systems. The **sanitary** system takes waste water from your home to a water treatment plant. The **stormwater** system takes rainwater runoff to the nearest lake, pond, wetland or stream without receiving treatment.

City of Apple Valley
Public Works Department
7100 147th Street West
Apple Valley, MN 55124
(952) 953-2400 phone
(952) 953-2407 fax
www.cityofapplevalley.org

Dispersing Sump Water

Overland

The simplest and least expensive method for disposal of sump water is to disperse it overland. Typically the sump outlet pipe exits the foundation about a foot above ground level.

Reuse

Water reuse takes the concept of overland flow one step further. Water exits the house via the same method, but is redirected to existing landscaping, a raingarden, or an underground storage container for irrigation water.

Storm Connection

The option exists for some property owners to disperse their sump water directly into the stormwater system by connecting outlet pipes into a near by stormdrain or manhole.

Tips for Overland Dispersal

Make sure that water is exiting onto slopes that are directed away from the house foundation so water doesn't get redirected back into your basement. This applies for all methods of sump water dispersal.

Water must not cause drainage problems on neighboring properties, a public nuisance, nor icing on pavements. This applies for all methods of sump water dispersal.

Make sure that you provide some energy dissipation (splash blocks, rock, etc.) to prevent erosion at the outlet.

Tips for Sump Water Reuse

Water can be directed to your landscaping or storage container through underground pipes, dry creek beds, and property regrading.

If redirecting water through underground piping, a secondary overland outlet may be needed if the pipe is not buried below the frost line. This applies for all methods of sump water dispersal.

Water reuse reduces some of the downstream impacts associated with increased stormwater volume, such as increased erosion.

Sewer Connection Terms

A permit or license agreement is required for connection to the stormwater system.

The home in question must be located sufficiently close to a stormwater system manhole or drain, such that any piping will not cross another resident's property and that impacts to streets, sidewalks, and other public infrastructure is limited.

The permit holder is responsible for all installation costs and repairs to public infrastructure.

Energy Dissipation



Splash Block
Seattle Public Works



Atrium Grate
Earth Wizards, Inc



Pop-up Emitter
Oldcastle Drainage



Swale
Architecture365.
blogspot.com



Underground Drain Pipe
This Old House



Dry Creek Bed Draining
Into Raingarden
Dakota County SWCD

Stormwater Conveyance