

## **Webster City Sump Pump Information and Options**

**6/13/2011**

### **Basic Information:**

- All piping must be hard plumbed to the outside of the building. Flexible hose will not be allowed from the sump pump to the exterior wall of the house or building.
- No valves allowing access to the sanitary sewer are allowed in the sump pump outlet line.
- The outlet for all downspouts must be confirmed to not enter the sanitary sewer system. If your downspouts drain underground and the outlet is unknown, the most economical repair is to drain them onto your yard and plug the pipe where it goes underground.
- In event your sump pump runs in the winter and is not buried underground more than 4' deep you might want to consider using heat tape to keep from freezing.

**Sump Pump Outlet Options:** Please note this may not be a complete list of options.

- Drain into a yard or ditch. – This is as simple as piping your sump pump out of the building through hard glued pipe and allowing it to drain into your yard. Typically, the farther it discharges from the house, the better. Do not discharge onto your neighbor's property.
- Drain through curb and onto street. – If you would prefer to not have a pipe discharging into your yard, you can bury a pipe from your house to the street and outlet through a hole in the curb.
- Drain to leech bed. – If you are worried about the outlet freezing in wintertime, you can install a leech bed system in your yard. This would require digging a hole, filling it with rock and discharging your sump pump into the rock.
- Drain to storm sewer. – If a storm sewer is located near your property, you can install a pipe to drain into the storm sewer pipe or intake.
- Private tile – If you don't have access to a storm sewer, you may want to contact your neighbors and install a private tile that drains to a storm sewer. This would give everyone an outlet for their sump pump and several people could share the cost of installation.

If you have any questions regarding sump pump or downspout installation, please call **MER Engineering Inc. toll free (M-F 8 a.m.-5 p.m.) at 1-888-547-1704** or contact your plumber.