

SUMP PUMP TESTING, INSPECTION AND MAINTENANCE

The sump pump installed in your home comes with a one-year manufacturer's warranty and is capable of pumping flows encountered in even the wettest conditions.

How do I verify that my sump pump is operating properly?

1. Listen for the pump to turn on. When the pump activates, it will make a soft "humming" noise.
2. If the pump is not running, unscrew the access plug from the sump crotch cover and run water into the sump crotch.



(Access hole in lower-left corner.)

The pump will activate when enough water accumulates in the sump.



(Insert hose into access hole.)

3. If the sump still does not activate, try activating the pump by plugging the pump motor directly into the outlet. (Your pump comes with a "piggy-backed" plug.)



("Piggy-backed" plug.)

The portion of the plug with both male and female connections is the level sensor for the pump and activates the pump when the water level rises to a certain height in the sump. The plug with only male connections is the power cord for the pump motor. Plugging the pump motor cord directly into the outlet will activate the pump for emergency or testing purposes.



(Pump motor cord directly to outlet.)

4. **If your pump does not activate after step 3, call your plumber immediately for appropriate service.**

CHECK VALVE INSPECTION AND MAINTENANCE

The check valve installed in your home is intended to prevent basement flooding as a result of sanitary sewer back-ups in the subdivision. This check valve is intended to be a temporary measure that should not be required when every home in the subdivision has had a sump pump properly installed. However, check valves are not maintenance free and require periodic inspection and cleaning. Recommended inspection is a minimum of twice per year.

How do I inspect and clean my check valve?

1. Remove the plastic floor cover.



(Floor cover is black or white and flush with the floor. Cap is not threaded and can be pried off with a screwdriver or other flat object.)

2. Unscrew the plastic valve cap.



(Valve cap is threaded and exposes the valve when removed.)

3. Inspect the valve by flushing a toilet or turning on a faucet to verify the valve opens and closes properly.
4. If cleaning is required, pour water from a bucket or a hose into the valve until clean.



5. If required, remove valve flap and scrub with a non-abrasive pad or brush.



(Valve flap can be removed by pulling straight up on the flap.)

6. **If your check valve requires further attention, contact your plumber immediately!**
7. **Remember to properly reinstall all lids upon completion of inspection or maintenance. A tight seal must be maintained to avoid basement flooding.**

CAUTION: DO NOT OPEN CHECK VALVE IF YOU SUSPECT A SANITARY SEWER BACK-UP EXISTS! OPENING YOUR CHECK VALVE UNDER THESE CONDITIONS COULD RESULT IN BASEMENT FLOODING!

THE ELECTRICAL CIRCUIT AND OUTLET INSTALLED IS DEDICATED TO THE SUMP PUMP. KEEP THE SUMP PUMP PLUGGED IN TO THIS DEDICATED OUTLET AT ALL TIMES.

FOR ADDITIONAL SECURITY AGAINST BASEMENT FLOODING, A BACK-UP HYDRAULIC SUMP PUMP OR BATTERY IS RECOMMENDED.

September 2001



**BLOOMFIELD ORCHARDS
FOOTING DRAIN
DISCONNECT PROJECT
CITY OF AUBURN HILLS**

**SUMP PUMP AND CHECK
VALVE MAINTENANCE**

Your home has been equipped with a Hydromatic→ sump pump and sanitary sewer back-flow preventer (check valve). The sump pump has been installed to pump ground water and storm water away from the foundation of your home and into the storm sewer system. This pump updates your home to current plumbing codes as adopted by the City of Auburn Hills.

In addition, a check valve or back-flow preventer was installed on your sanitary sewer lead to prevent basement flooding as a result of sanitary sewer back-ups.

An owner's manual was provided to you, which provides general care requirements for your sump pump.

This flyer provides additional recommended inspection and maintenance procedures for your sump pump and check valve.