

How to Protect Your Home from Heavy Rainfall

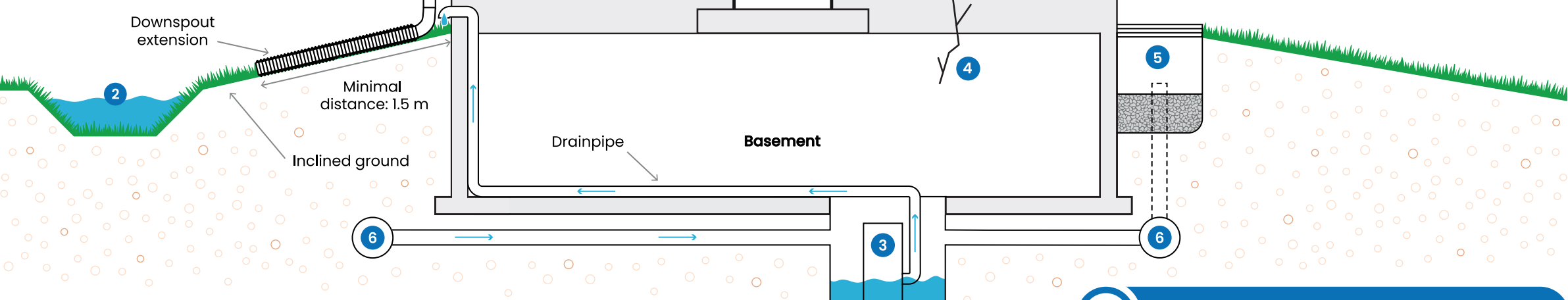
With climate-related changes leading to more frequent intense rainfalls, we are seeing larger volumes of water entering drainage systems in shorter periods, putting significant pressure on them and potentially causing water accumulation.

In Baie-D'Urfé, a network of ditches is in place to efficiently direct rainwater toward Lac St-Louis or L'Anse à l'Orme. However, for this system to function properly, every resident has a role to play. It begins with effective water management on your property, which is essential to avoid overloading the system and prevent water from pooling around your foundation.

To help you protect your home, we've prepared a few tips and best practices that you can start adopting right away.

- 1 Gutters:**
 - Gutters should direct water at least 1.5 meters away from the foundation, towards the street.
 - ⚠ Never connect your gutters to foundation drains, as this can lead to system overload during heavy rains.
 - ⚠ It is prohibited to discharge surface water onto neighboring properties.
- 2 Ditches:**
 - Regularly check that your ditch is clear of leaves, debris, or snow to maintain proper water flow.
- 3 Sump Pump:**
 - Test your sump pump by adding water into the sump pit.
 - Make sure your sump pump can handle the volume of water coming from your foundation drains. It must be powerful enough to evacuate the water entering the pit.
 - ⚠ Never connect your sump pump (or gutters) to your septic system, as this can cause overload and soil contamination.

- 4 Cracks:**
 - Repair cracks in your foundation to prevent water from infiltrating your basement.
 - ⚠ During winter, avoid piling snow near the foundation to prevent excess water when it melts in the spring.
- 5 Window wells:**
 - For basement windows, a window well provides protection against surface water and includes a layer of stones to ensure proper water drainage.
 - The window well should extend down to the level of the backfill where the foundation drain is located, but not directly connected to it or to the main drainage system.
- 6 Foundation drains:**
 - The drains should be positioned at the base of the building to collect and redirect water, typically towards a sump pump or drainage outlet.
 - ⚠ Regularly inspect your foundation drains, either yourself or by hiring a professional, especially after heavy rains or snowmelt, to ensure they are functioning properly.



EQUIPMENT CHECKLIST

- Sump pump with backup battery**
To remove water in the event of a power outage.
- Portable generator**
To power essential equipment like the sump pump.
- Sandbags**
To place around entry points such as doors or basement windows to prevent water from entering.
- Shovel and rake**
To clear debris or snow from ditches or to reinforce protections around your home.
- Emergency kit**
Including flashlights, batteries, first aid supplies, and blankets.
- Waterproof clothing and rubber boots**
To safely intervene in case of flooding.
- Submersible pump**
To quickly remove excess water if it accumulates inside your home.

i FOR MORE INFORMATION, CONTACT PUBLIC WORKS

Use this QR code to access the information on our Website:

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! Please remember that you are responsible for protecting your home in case of an emergency. While the Town's emergency services will do everything they can to assist you, it is crucial that you take the necessary steps to be prepared.



Baie-D'Urfé

**Flooding:
Be Prepared**