

The Home Flood Protection Check-Up is provided as an educational tool by the Intact Centre on Climate Adaptation at the University of Waterloo. *Completing the actions outlined in this report does not guarantee the prevention of flooding.*

## ABOUT THE BEST PRACTICES OUTLINED IN THE CHECK-UP

The best practices for reducing flood risk outlined in this report have been selected based on which type of home is being assessed and which actions are within the control of the Check-Up participant.


City: Waterloo

Do you have a basement/crawl space? Yes

Province: Ontario

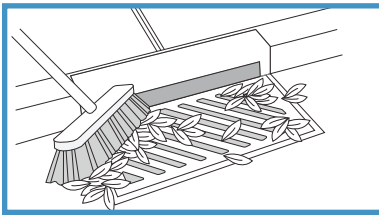
Do you own your home? Yes

## ACTIONS ALREADY COMPLETED TO REDUCE FLOOD RISK

 May qualify for insurance discounts

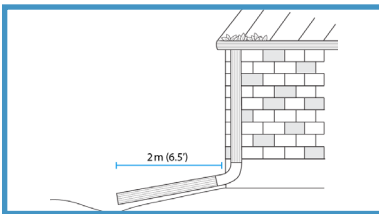
 May qualify for municipal subsidies

### DONE



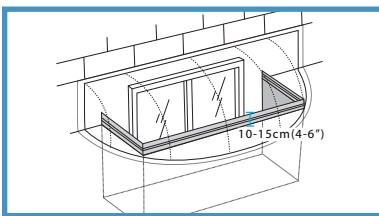
#### Storm Drains

- You remove debris from nearby storm drains before heavy rains and spring melts.



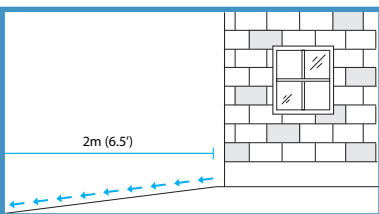
#### Downspouts

- Your downspouts direct water at least 2m (6.5') away from your home or to the nearest drainage swale ([How to Video](#))



#### Window Wells

- Your window wells sit at least 10-15cm (4-6") above the ground.




#### Grading

- The surfaces within 2m (6.5') of your home (gardens, walkways, patios) direct water away from your home.

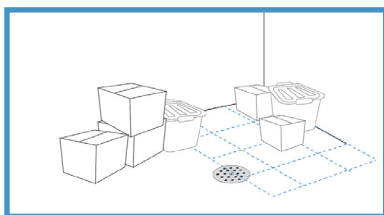
The Home Flood Protection Check-Up is provided as an educational tool by the Intact Centre on Climate Adaptation at the University of Waterloo. *Completing the actions outlined in this report does not guarantee the prevention of flooding.*

## ACTIONS ALREADY TAKEN TO REDUCE FLOOD RISK

 *May qualify for insurance discounts*

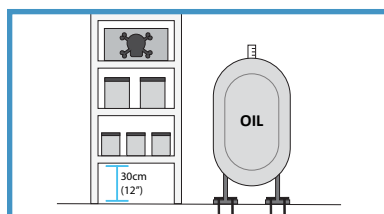
 *May qualify for municipal subsidies*

### DONE



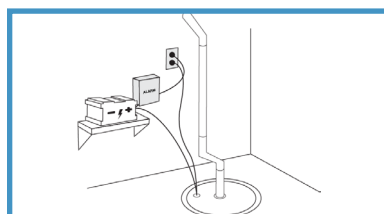
#### Floor Drain

- You have no items that are blocking the flow of water to your floor drain.



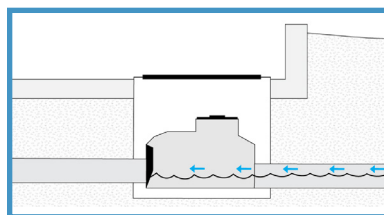
#### Protect Belongings

- You store all valuables in waterproof boxes at least 30 cm (12") off the floor or do not have them in the lowest level of your home.
- You store all hazardous materials (e.g. paints, pesticides) in sealed boxes at least 30cm (12") off the floor and secure fuel tanks on the lowest level of your home OR you have none of these items stored on this level.



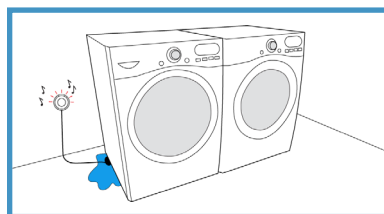
#### Sump Pump

- You have a sump pump (i,s).
- Your sump pump discharges water to the surface of your property.
- You have a backup battery or generator for your sump pump.



#### Backwater Valve

- You have a backwater valve (i,s).





#### Leak Detection

- You have alarms that can detect leaks from plumbing and appliances (e.g. under the sink or near your hot water heater) ([How to Video](#))

The Home Flood Protection Check-Up is provided as an educational tool by the Intact Centre on Climate Adaptation at the University of Waterloo. *Completing the actions outlined in this report does not guarantee the prevention of flooding.*

## FUTURE ACTIONS TO CONSIDER TO REDUCE FLOOD RISK

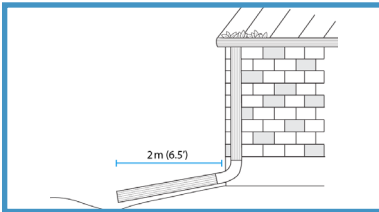
 May qualify for insurance discounts

 May qualify for municipal subsidies

**Do-It-Yourself for \$0**

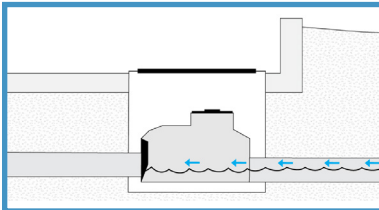
### Step 1: Maintain What You've Got at Least Twice per Year

Done



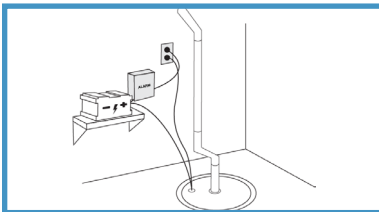
#### Downspouts

- Remove debris from eaves troughs and downspouts every spring and fall to reduce the risk of overflow.



#### Backwater Valve

- Clean out your backwater valve every spring and fall to ensure that it is effective at preventing the flow of municipal sewage into your home during surcharge events ([How to Video](#)).



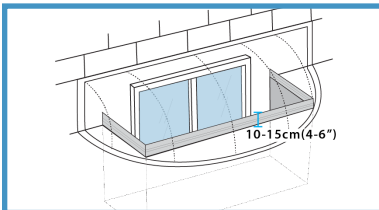
#### Sump Pump

- Test your sump pump(s) every spring and fall to ensure that they will be working well when they are needed ([How to Video](#)).
- Test your backup battery or generator every spring and fall to ensure it will be working when it is needed.

**Do-It-Yourself for under \$250**

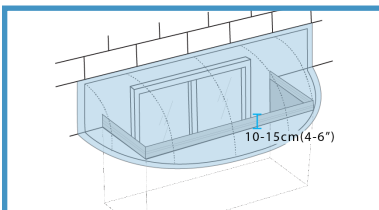
### Step 2: Complete Simple Upgrades

Done



#### Windows

- Repair gaps and cracks in your windows and frames or replace your windows.




#### Window Wells

- Install window well covers to minimize the amount of water entering window wells. Check municipal bylaws about egress requirements.

The Home Flood Protection Check-Up is provided as an educational tool by the Intact Centre on Climate Adaptation at the University of Waterloo. *Completing the actions outlined in this report does not guarantee the prevention of flooding.*

## FUTURE ACTIONS TO CONSIDER TO REDUCE FLOOD RISK

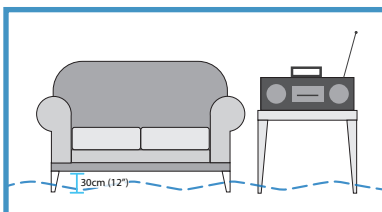
 *May qualify for insurance discounts*

 *May qualify for municipal subsidies*

**Do-It-Yourself for under \$250**

### Step 2: Complete Simple Upgrades

Done



#### Protect Belongings

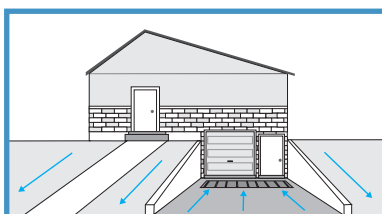
- Select furniture with water resistant legs and ensure that electronics are sitting at least 30cm (12") off the floor OR remove these items from the lowest level of your home to reduce risk of damage during a flood.

**Work with a Contractor for Over \$250**

### Step 3: Complete More Complex Upgrades

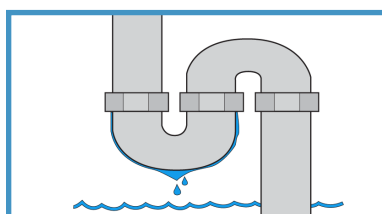
(Check with your municipality for permits and available subsidies)

DONE



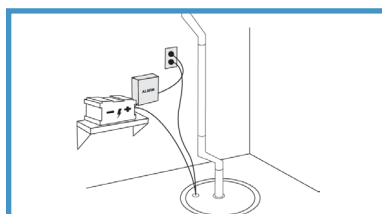
#### Grading

- Keep exterior drains in good working order and ensure that doors, frames and seals are in good condition to minimize water entry.



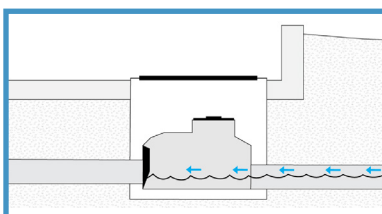
#### Leak Detection

- Work with a plumber to install an automatic mainline water shutoff valve to block the flow of water into your home if a major leak is detected.



#### Sump Pump

- Install a backup battery or generator to continue pumping water out of your sump pit during a power outage (i,s).



#### Backwater Valve

- Install an alarm on your backwater valve to notify you when your valve is closed to prevent self-flooding (i,s).

The Home Flood Protection Check-Up is provided as an educational tool by the Intact Centre on Climate Adaptation at the University of Waterloo. *Completing the actions outlined in this report does not guarantee the prevention of flooding.*

## ADDITIONAL RESOURCES

### Self Help Resources

- [Home Flood Protection Resources](#)
- [Flood Barriers for Homeowners](#)
- [Water Resistant Building Materials](#)

### Financial Resources

- [Questions to Ask your Insurance Provider](#)
- [Understanding Water Damage Insurance Coverages](#)
- *Sample Municipal Subsidy Summary Placeholder*

### Emergency Preparedness

- [Emergency Preparedness Resource List](#)

### Learn more about Home Flood Protection

- *Find a trained Home Flood Risk Assessor near you Placeholder*
- [Register for Home Flood Protection Training](#)