

# Drainage Tips for Property Owners

Help reduce the risk of flooding on your property by following some simple steps.

GETTING

READY FOR

RAIN



## DO:

- Clear leaves and other debris away from all drainage grates and catch basins on or near your property.
- Keep gutters and downspouts clear.
- Recycle leaves, grass and garden trimmings using your Green Cart. Visit [richmond.ca/GreenCart](http://richmond.ca/GreenCart) for tips on how to recycle large amounts.
- Have sandbags ready for use if there is an extreme rain event in the forecast, and have a pump available to move water away from your house.
- Check for areas where the ground is sloping towards your house and build them up so water flows into drainage grates and ditches.
- If a culvert channels water under your driveway, make sure it is clear of debris and in good condition.

## DON'T:

- Don't block public drainage grates, catch basins, ditches and canals with dirt, leaves or other materials.
- If you see visible blockages or barriers in open ditches and canals, don't ignore them. Please contact Public Works at 604-270-8721.
- Don't blow or rake leaves, grass or yard trimmings onto the street.
- Don't park vehicles or other equipment on top of drainage grates and catch basins.

Contact Richmond Public Works at 604-270-8721 if there is flooding in intersections, water is creating a hazard for motorists, such as blocking a lane or restricting visibility, or if there is water pooling that could cause water damage. Please note that the blockage causing water pooling in your area may be somewhere else in the drainage system, so you may not see our crews, but they are working to fix the issue.

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# City Flood Prevention Actions

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Learn more about Richmond's Flood Protection Strategy at [richmond.ca/FloodProtection](https://richmond.ca/FloodProtection).

Richmond has one of the most comprehensive flood protection systems in British Columbia. The City has been investing in drainage and flood protection improvements for decades, and continues to implement measures to improve and strengthen its drainage system and help prevent flooding.

To improve drainage before the rainy season, we:

- Clear out debris from ditches, canals and drainage screens, to allow maximum capacity for water flow and to prevent backups.
- Inspect and clean catch basins, manholes and other drainage chambers to remove sediment, and complete any required repairs to the drainage infrastructure.
- Inspect and service pump stations, back-up generators and other station components to ensure they are functioning at optimal levels.

To improve flood protection, we are:

- Replacing and upgrading the City's drainage infrastructure, including pump stations, pipes, box culverts and canals to increase the amount of water that can move through the drainage system.
- Raising Richmond's perimeter dikes to address rising sea levels.
- Regularly inspecting and maintaining flood protection infrastructure to ensure it is operating efficiently and effectively.

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