

Path 3: Preparing for Changing Precipitation

This path sets forward goals and actions to support adapting to potential changes to our water supply and to flooding impacts that changing precipitation may bring.

Progress of Goals

Goal: Edmonton’s water supply is secure and safe for current and future Edmontonians

Examples of initiatives include:

- Environmental release, spill prevention, remediation, and reporting programs that safeguard the water supply across all services while providing [information for the public on reporting releases](#).
- A Corporate Water Shortage Response Plan that provides direction on modifying water-consuming City services during restrictions and outlines communication pathways with EPCOR.
- A [Source Water Protection Plan](#) and [Integrated Water Management Strategy](#) developed and managed by EPCOR that protect source water, stormwater, and wastewater systems.
- The [North Saskatchewan River Basin Water Management Project](#) that supports management of watershed health.
- Incorporation of source water protection features like Low impact development in City projects and in private development that help protect watershed health.

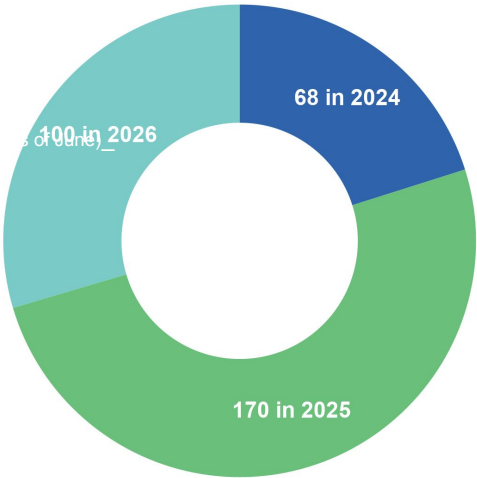
The figure to the right shows the number of approved private low impact development permits.

Goal: Edmonton is a flood resilient community

Examples of initiatives include:

- EPCOR’s [Stormwater Integrated Resource Plan \(SIRP\)](#) that guides a 20-year, \$1.6-billion long-term investment to address Edmonton’s flooding risks.
- Feedback the City provided to the Province that supported updating of the provincial [Flood Map](#).
- The [Climate Resilience Development & Planning Action Plan](#) that is advancing the consideration of changing flooding risk into municipal planning tools.
- The City supports flood mitigation actions taken by [EPCOR](#) and North Saskatchewan Watershed Alliance programs like [SaskWatch](#).
- Development and implementation of a river flooding resilience program progresses.

Approved Private Low Impact Development Permits



Low Impact Development

Low Impact Developments are a land planning and engineering design approach to manage stormwater runoff as part of green infrastructure.