

Appendix C: Climate Resilient Burlington – Year 3 Progress Report on Expenditures Associated With Initiatives Completed in 2024

Climate Resilient Burlington (CRB): A Plan for Adapting to Our Warmer, Wetter and Wilder Weather was presented as a draft to City Council in [May 2022](#) and approved in [July 2022](#). Implementation of the CRB plan is underway to help manage Burlington's risk and increase resiliency to warmer, wetter, and wilder weather.

The Year 3 Update reports on the status of climate resilience actions across the corporation. Each action included in the CRB plan is funded independently, and status of available funding varies. This appendix summarizes the costs from various sources for CRB related initiatives completed in 2024 that assists in advancing climate resiliency.

2024 Initiative	Cost
Action 1-3: Review and if necessary, update design standards for City infrastructure to account for future climate conditions in alignment with Federal and Provincial initiatives, and Burlington's net carbon neutral goals	Deep energy retrofit studies - \$107K Source: Energy Conservation Initiatives Capital Fund
Action 1-5: Enhance creek flood protection plan	Stormwater/Flood Studies - \$350K Creek Rehabilitation Projects Designed and Constructed - \$4.15M Source: Stormwater Capital Budget
1-8: Develop tracking for post-storm assessment to inform recovery and future adaptation efforts including data on type and severity of event, type of damage, amount or cost of damage, debris management to improve debris pick-up, etc.	July 2024 storm recovery response - City of Burlington Flood Grant: \$675K - Halton Region Ex-Gratia Grants for Burlington properties: \$856K Source: Flood 2024 Cost Centre
1-9: Maintain level of service for tree pruning and enhance risk assessment protocol in areas with above-ground powerlines, near major roads, near fire stations, etc.	An additional \$80K was approved in 2023 for the 2024 budget year towards the City's grid pruning program to help to close the funding shortfall to achieve a seven-year schedule.

2024 Initiative	Cost
	Source: RPF operating budget
1-12 Assess snow management plan to ensure a climate lens is applied to incorporate increased frequency and severity of extreme events (e.g., heavy snow, freezing rain, wind) with consideration of impacts to vulnerable populations	<p>Winter maintenance – prioritization of school cross walk segments over other sidewalk segments: \$88K</p> <p>Winter maintenance – expanded to 20 City park parking lots (total of 707 parking spaces): \$75K</p> <p>Source: RPF operating budget</p>
Action 2-1 Invest in full tree life cycle management balancing amount of planting and ongoing maintenance to improve tree survival outcomes	<p>Trees planted street-side and parks: \$955.1K</p> <p>Source: Forest Health operating budget and EAB program</p> <p>Community supported tree planting events: \$45.3K</p> <p>Tree giveaway events: \$22.5K</p> <p>Seedlings planted: \$30.9K</p> <p>Source: Tree Establishment and Enhancement Reserve Fund</p>
Action 2-2: Incorporate a climate lens in recommendations of management decisions in the Urban Forest Master Plan.	<p>\$288K to develop the plan</p> <p>Source: Forestry Reserve Fund</p>
Action 3-2: Identify gaps in public space cooling by assessing utilization of current cooling facilities and by identifying the type of cooling supports and accessibility needs of the community especially for vulnerable populations.	<p>\$11.9K study</p> <p>Source: Sport and Community Development operating budget</p>
Action 4-1: Enhance emergency notification and communications plan incorporating needs of vulnerable populations	<p>Alert Burlington \$34K</p> <p>Source: BDS operating budget</p>

2024 Initiative	Cost
Action 4-4: Promote and augment existing programs for home and business climate resilience retrofits	<p data-bbox="878 254 1398 331">Plumbing Permit Fee Grant Program \$118K (249 rebates) Source: Operating budget</p> <p data-bbox="878 470 1398 548">Home Flood Protection Program \$5K (18 assessments) Source: Stormwater Capital Budget</p> <p data-bbox="878 686 1398 764">Solar Panel Building Permit Grant \$14K (23 grants) Sources: Enbridge Climate Action Grant \$10K and City's Environment and Energy budget \$4K</p>