

Appendix 4 – Pending Projects

The below key projects, among others, are not able to proceed, pending having adequate resources. Their implementation requires the Environment and Climate Specialist.

2023

- **Climate Change Adaptation Plan** – Implementation of the Plan to ensure that the Town’s corporate operations and the community as a whole are best positioned to respond to and be resilient to a changing climate, including more severe weather events. Much of the workplan that is not able to move forward relates to the Adaptation Plan which has about 60 actions/recommendations. More details listed below.
- **Public Tree Management Plan and Privately-Owned Tree Management Strategy** – Implementation of the tree management strategies to preserve and enhance Halton Hills’ local tree canopy which contributes to the community’s character and environmental health.
- **Vulnerability Assessment of Town Services** – Completion of a risk assessment of municipal services to determine the level of service required by the Town in response to extreme-weather related emergencies.
- **Critical Infrastructure Vulnerability Assessment and Facility Evaluation** – Completion of a climate change vulnerability and lifecycle cost assessment of critical municipal infrastructure to determine the appropriate time for replacement or upgrade, as well as evaluation of critical Town facilities.
- **Heat Response Plan** – Development of a Heat Response Plan for vulnerable populations, including children, seniors and animals.
- **Bird Friendly Community Certification** – Development and implementation of actions to further advance the Bird Friendly Community certification, per the Bird Friendly Community resolution passed by Council on May 8, 2023. Town staff will prepare a separate staff report on this matter, but based on a preliminary review of the certification criteria, additional work beyond existing workplans and/or resources will likely be required – especially if related to the implementation of any existing strategies that are already in place but on hold (e.g. Climate Change Adaptation Plan, Natural Assets Strategy, Tree Management) and/or the potential development and implementation of new strategies (e.g. Biodiversity Strategy).
- **Innovative Opportunity** - Although not yet public, there is an emerging significant and unique opportunity for the Town to be directly involved in a multi-stakeholder and multi-year project, including a higher-level educational institution, to explore innovative energy delivery in the Town’s employment area – resulting in potentially major economic and environmental benefits. Adequate Town resources will be key to success.

2024

- **Natural Assets Strategy** – Development of initiatives that will help increase the ability of local natural areas (trees, rivers, wetlands, agricultural areas) to provide valuable ecosystem services such as flood protection, stormwater management, urban heat island effect reduction and air pollution reduction. The value of stormwater management services provided by Natural Assets in Halton Hills, alone, is estimated at nearly \$4 billion.
- **Stormwater Management Service Review** – Review of current levels of stormwater management (SWM) services using climate change data as well as an assessment of gaps.
- **Low-Impact Development Program** – Encouragement of low-impact development practices, which have a lower impact on the environment, for on-site stormwater management.
- **Food Security Plan** – Development of a strategy for ensuring that Halton Hills residents have access to a healthy, local food system that can withstand climate impacts. This initiative would engage the local agricultural community, including the Halton Federation of Agriculture.

2025

- **Waterborne and Vector Borne Illness Prevention** – Development of educational materials and prevention programs related to the increased risk of water-borne and vector-borne illnesses.
- **Halton Hills Emergency Response Plan Updates** - Update of the Town's Emergency Response Plan to provide more specific response protocol for extreme weather emergencies.
- **Critical Local Business Identification Study** – Identification of local businesses that are critical to residents in an emergency and provide guidance on how they may remain open during extreme weather events.

2026

- **Climate Change Adaptation Plan Update** - Update of the Town's Climate Change Adaptation Plan. The update is key to ensure that the Town's decisions are based on the most current data and lessons learned from the existing Adaptation Plan in order to minimize risks to Town facilities, infrastructure and services.
- **Climate Change Adaptation Plan Data and Mapping** – Collection and analysis of climate data in order to develop maps that will help integrate land use planning decisions with climate considerations.
- **Facilities Vulnerability Assessment Implementation** - Review and implementation of recommendations from the Facilities Vulnerability Assessment Report.
- **Low Impact Development and Water Conservation Evaluation** – Development of potential incentives to support residents in implementing water conservation retrofits.

- **Local Food Strategy** – Identification of actions that the Town may take to support and strengthen local food production.
- **Park Design Review** – Development of design standards for parks to adapt to climate impacts, provide more shade/shelter and cooling facilities in Town public spaces.