

Completed In Progress Not Started

EDUCATION

- Add and maintain a climate change page to our website
- Make climate change a theme for social media posts
- Model climate change actions and behaviours
- Review and amend job descriptions to include responsibilities related to climate change
- Include climate change activities in workplans
- Be an active participant on local climate change initiatives
- Facilitate discussions with Municipalities to share best practices, strategies, and measures
- Support climate change initiatives undertaken by partner municipalities
- Investigate options for undertaking climate change vulnerability assessments
- Continue with data collection programs and enhance ability to manage and share data
- Identify linkages between monitoring data and climate change impacts
- Incorporate climate change messaging into all education programs and events
- Develop public information products related to climate change impacts.



Climate Change Strategy available online at otonabeeconservation.com



Green Team formed to advise on ORCA's climate initiatives and sustainable actions in the workplace



Climate Change targets included in 2022 staff performance objectives



A member of:

- Peterborough Public Health Climate Change & Health Advisory Group
- Green Economy Hub Peterborough



Climate Change information added to education programs & presentations including:

- Envirothon
- Yellow Fish Road
- Spring Water Awareness Program
- Peterborough Children's Water Festival

ADAPTATION

- Initiate a policy review process to identify opportunities to integrate climate change adaptation
- Initiate program/service review to identify and integrate climate change adaptation
- Review the Official Plan updates, Land Use Planning policies and documents and to include climate change considerations in our comments
- Quantify the future impacts of climate change on floodplain mapping
- Investigate partnership opportunities with municipalities and other partners to implement projects designed to reduce volume of water entering watercourses, and stormwater management facilities to prevent flooding
- Investigate partnership opportunities with municipalities to require pre/post development water balance and site level stormwater management.
- Collaborate with municipalities to develop design criteria to control and capture specific water volume and implement through Low Impact Development
- Participate in development of appropriate design criteria for culverts, bridges, stormwater management, ponds and other infrastructure to reflect climate change impacts from runoff and extreme weather events
- Collaborate with municipalities to establish new IDF curves that reflect future climate change impacts



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MITIGATION

- Schedule regular vehicle maintenance and complete repairs as required
- Establish policy that vehicles cannot idle for more than 1 minute.
- Include criteria for low fuel consumption, electric/hybrid vehicles in procurement process for new vehicles
- Install electric vehicle charging stations at Administrative Office and Campgrounds
- Upgrade technology to facilitate remote work and promote paperless / digital processes
- Update policies to facilitate remote work and meetings
- Incorporate climate change considerations into Conservation Land Management and Operating Plans
- Complete energy and waste audits for operations and facilities and prioritize recommendations for implementation
- Adopt energy efficient design principles for any building renovation or replacement
- Ensure Conservation Lands are actively managed to maintain a healthy forest
- Implement tree planting activities



8 fleet vehicles inspected as required based on mileage and maintained for optimal performance and efficiency



Laptop computers, VOIP, VPN issued for all staff to facilitate remote work options



Adoption of paperless practices including online forms for:

- Hunting Permits
- Property Inquiries
- Clean Water Act Notice Applications



Work From Home Policy and Agreements adopted and approved



Greenhouse Gas Inventory completed including waste and energy use audits for Otonabee Conservation properties



1980 trees planted on 6 properties
Over 11,000 trees sold through the Tree Seedling Sales Program

IMPLEMENTATION

- Complete annual review and update of Climate Change Strategy and Actions
- Develop targets and milestones to facilitate implementation
- Report Annually
- Calculate organizational carbon footprint
- Calculate impacts of actions to quantify reduction
- Include Climate Change in updated Strategic Plan



New Climate Change Strategy published in 2021



First Climate Change Report Card published Spring 2022



Conversion to LED lighting commenced during office renovations in 2021