Pelham ECAAC Workplan 2024-2027	In/supports CCCAP y/n	CCCAP ID#	Description/impact	Vulnerability Rating (1-5)	ECAAC Priority	Action	Lead, support	Est. Timeline s,m,l,o *
1. Communications								
	y		Share information on local climate impacts with public through muliple venues, online, print, public events	n/a	4	Develop online information, cc, impacts including health risks, potential public/resident actions	communication, ac	s
	y		Communicate severe weather protocols for outdoor events internally and externally		5	Develop hardcopy one page info sheets -	communication, ac	s, o
						Distribution at events, high traffic areas (i.e. mcc)	communication, ac	s, o
			Share information on various 'days' associated with environmental protection			Develop list and information sources for world wetland day, world wildlife day, earth day, etc.	ac	s
						Develop 'did you know' type blurbs for posting on town website	ac, communications	s
			Provide information on residential naturalization, raingardens, etc.			Gather sources for planting native species, naturalization on residential lands	ac, communication	s, o
2. Infrastructure								
	y		Assumption - localized climate projection data available at proper scale		1	Confirm	public works	s
a. Gray	y	25	Identify vulnerable roads, water management sites to changing conditions i.e. flooding events, drought	v4	6	Update IDF curves	public works	s
						Develop plans to remediate roads, facilities as needed using current experiences and projection data	public works, ac	s,m
		21	Identify vulnerabilities in town buildings, other assets	v3	9	Determine risks at each site, develop plans to address i.e. increased risks of freezing rain, etc. in an environmentally friendly way	public works, recreation, ac	m
b. Green	y	2	Identify vulnerable green infrastructure i.e. watercourses and riparian areas, to flood damage	v4	10	Identify potential sources i.e. npca floodplain mapping	ac, NPCA, PATH, master gardeners, etc.	m
		44	Identify green infrastructure which may be vulnerable to invasives	v2		Monitor health of species/system	ac, NPCA, PATH, master gardeners, etc.	m. o
	y	3	Identify vulnerable green infrastructure i.e. watercourses, vegetation, to increased frequency and duration of drought	v4		Modify land use, zoning allowances as needed	planning,ac	m

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					8	Increase watering of new trees and vegetation on town land (as required), monitoring	public works,ac	s
	y		Protect trees and other green infrastructure for functional benefits			Identify natural features which have the potential to augment adaptation through offsetting temperature, precip. changes retain features through zoning, development agreements	ac, planning	s,m
						Explore tools available for natural systems/trees protection including bylaws which fill gaps of regional bylaws	planning, ac	
		6	Tree and vegetation maintenance needs may increase with longer growing season, increasing risk of severe weather	v3		Identify needs to ensure adequate resources, staff to address as required	public works, ac, admin	s,o
	y		Identify heritage (or significant) trees - characteristics, etc.			Research, identify criteria, and develop checklist	ac	s,m
						Identify trees within community that qualify, determine ways to recognize	ac, PATH partnership	s,m
	y	39	Increase naturalization of sites on town lands to increase green infrastructure functions	v3		Identify potential sites, partners, funding	ac, NPCA, PATH, master gardeners, etc.	s,m
						Develop and implement site plans	ac, partners	
			Initiate discussions with adjacent landowners on management plan for Marlene Stewart Streit natural area			Approach Nature Conservancy Canada (NCC) and Niagara Peninsula Conservation Authority (NPCA) to identify common goals for protection of green values, trails, etc. which could lead to comprehensive management plans for MSS and adjacent sites	ac, public works, NPCA, NCC	s,m
			Incorporate economic value/contributions of green infrastructure into decision-making process in land use decisions, etc.			Explore tools which are being developed by green municipal fund and other organizations and determine applicability in quantifying values	ac, admin	m, l
3. Land use Planning								
	y		Develop requirements for green infrastructure protection including natural spaces, tree retention, natural and/or augmented water management into land use planning		6	Incorporate region's natural heritage strategy components, identify and remediate gaps	planning, ac	s

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					7	Follow development of plans and secondary plans utilizing the approach used for Fenwick east i.e. beginning with identification of natural features to be retained, accessible greenspaces, retention and increase of canopy	planning, ac	s
						Determine requirements for natural features identification as a component of development application, encouraging no clearing prior to review	planning, ac	s
						Require public access to greenspace within a defined walking distance in designing new sites, redesigning established development areas	planning, ac	s
	y		Identify where cash-in-lieu of parkland approach does not fit overall green infrastructure retention priorities			Remove option for 'cash in lieu' wherever possible, otherwise direct to a greenspace maintenance fund	ac (research), planning	m
			Reduce need for large water retention ponds			Require pervious paving, swaling, ponding, natural plantings, LIDs, etc. to encourage infiltration and/or reduce large runoff (overland flow) volumes	ac (research), planning	s
4. Emergency Preparedness								
	y		Develop town emergency response protocol and resident information for all scenarios	v5		Ensure central emergency facilities have backup water/power/heat/cooling	public works, recreation	m
						Train staff as needed for responses to all scenarios	all	m
						Develop and distribute emergency response information to public	fire, communications, ac	s
5. Incorporation of Responses to Climate Impacts into policy and procedures								
	y		Official plan update		2	Review official plan to ensure adequate natural features/ greenspace/green infrastructure retention, requirements for incorporation of regional strategy components	ac, planning	s
			Update property standards bylaw			Review and update requirements associated with turf, etc. which may conflict with naturalization efforts	bylaw, ac	m
			View all actions through a climate/environmental protection lens		3	Ensure actions incorporate adequate adaptation and mitigation measures, environmental protection	all, ac	s, o
6. Community Facing Adaptation/Environment protection and restoration projects								

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	y		View adaptation actions and environmental/greenspace/green infrastructure actions through a number of lens i.e. diversity protection, equity, etc.			Partner with multiple interests to review proposed changes, etc.	ac, identified partners e.g. first nations, npca	s, o
			Develop naturalization site by mcc				ac, public works, private partner, communications	
			Co-existing with wildlife			Develop public information/education on living with wildlife in our community	ac, communications	s, o
7. Annual Workplan Review								
	y		Ensure direction, actions, etc. are aligned as more information becomes available			Review and modification items, actions items, priorities, etc. in first quarter of each year	ac	s, o
* s - short, 2024								
m - medium, 2025								
l - long, 2026 and beyond								
o - ongoing								