

Attachment 2: TRCA's 2024 List of Unfunded Priorities - Toronto

Potential Funding Type

Project	Score	Partner Municipality	Grant	Operational	Region	Service Area	Submitted by:	Description	10 Year Projected Cost (\$000's)	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Claireville Dam Major Maintenance (wing wall and spillway)	A	Y	Y	N	Peel / Toronto	2	Development & Engineering Services	A recent Dam Safety Review at Claireville Dam determined that the wing wall and spillway require upgrades to meet current dam safety requirement. The wing wall has settled and needs to be replaced. The spillway is too short to safely pass large floods and could fail during extreme events. Both components require extensive design and construction effort to bring this dam into compliance.	5,000	250	750	1,000	750	750	750	750	-	-	-
Claireville Dam Gate Maintenance Project	A	Y	Y	N	Peel / Toronto	2	Development & Engineering Services	Claireville Dam was constructed in 1963 and the dam gates require upgrades to be able to maintain operability. Gates require corrosion protection, motor upgrades, hoist system refurbishment, wire ropes and fan brakes.	2,250	-	-	-	225	2,025	-	-	-	-	-
Black Creek Dam Spillway Modification	A	Y	Y	N	Toronto	2	Development & Engineering Services	Black Creek dam was constructed in 1959. The dam was originally designed with a pipe discharge control. This pipe is prone to debris and sediment jamming. The pipe should be replaced with a notched weir to maintain flood attenuation capability with reduced maintenance costs.	1,150	-	-	150	1,000	-	-	-	-	-	-
Hydrometric Network Expansions - Infrastructure	A	Y	Y	N	All	2	Development & Engineering Services	TRCA operates a network of real-time and non-real-time hydrometric gauges. TRCA requires that the non-real-time gauges be converted to real-time as well as install flood warning gauges in flood vulnerable areas to increase the ability of TRCA to forecast and provide warning when flood conditions are present. Increasing the density of real-time gauges reduces the chance that smaller convective storms are "missed". Additionally, increased density of real-time hydrometric data will assist TRCA in maintaining the early warning flood warning system (FEWS) now under development.	470	70	100	100	100	100	-	-	-	-	-
Jane Wilson SPA Flood Protection Project	A	Y	N	N	Toronto	1	Development & Engineering Services	Initiate and complete the full cycle of projects to develop a implementable flood protection solution for the Jane Wilson Special Policy Area. Project will be multi phased consisting of a Feasibility Study to identify a list of feasible flood protection solutions, followed by a Environmental Assessment process which will include public consultation.	5,070	845	845	845	845	845	845	-	-	-	-
G. Ross Lord Dam Operations Optimization (process update)	B	Y	Y	N	Toronto	2	Development & Engineering Services	G. Ross Lord Dam was constructed in 1973 to protect a large developed area of mid-town Toronto. The dam gate operation rules were optimized for large, hurricane type of events similar to Hurricane Hazel. However, recent thunderstorm events have demonstrated that the gate operation rules are not utilizing available reservoir storage. Optimizing gate operations for thunderstorm events as well as large, region wide events will reduce the risk of flooding.	400	200	200	-	-	-	-	-	-	-	-
Greenlands Acquisition Project	B	Y	Y	N	All	4	Corporate Services	TRCA has a legislated mandate to conserve, restore, develop and manage natural resources. TRCA will continue to acquire greenspace through the development process with a goal of protecting the watersheds and communities from flood risk while keeping pace with urbanization and population growth. The identified budget would enable TRCA to strategically acquire properties outside of the planning conveyance process on a proactive basis.	33,250	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325	3,325
Flood Forecasting and Warning Modernization	B	Y	Y	N	All	2	Development & Engineering Services	Flood Forecasting and Warning is a service TRCA provides for all regional and local municipalities. TRCA understands the importance of situational awareness when considering the potential magnitude of flood events and size of its jurisdiction. The development of a EOC dashboard will provide TRCA staff the ability to track and document staff location, flood response resources, and site specific flood conditions for a jurisdictional wide, coordinated, flood response. TRCA has initiated the development of our Next Generation Flood Forecasting and Warning System which is being built around the FEWS decision support system (DSS). Further investments will accelerate the system development providing additional monitoring and reporting capabilities which will further streamline TRCA's flood forecasting and warning program, and take advantage of modern real-time hydrology modelling.	580	58	185	172	45	20	20	20	20	20	20
Tommy Thompson Park Master Plan Implementation	B	Y	Y	N	Toronto	5	Restoration & Infrastructure	This project (Phase II) builds on what has already been accomplished, focusing on shoreline protection, habitat enhancement, infrastructure improvements, public engagement, and park operations. Implementation of Phase II is necessary to ensure that park ecosystems, infrastructure and operations are fully functional and resilient to the pressures that a growing city presents to the natural environment. This costing does not include estimates to address shoreline hazards on lands leased by MNR to Ports Toronto.	17,200	1,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,500	700
Tommy Thompson Park Enhanced Park Operations	B	Y	Y	N	Toronto	5	Restoration & Infrastructure	Tommy Thompson Park is targeting 7 days per week operations and is seeing significantly increased park visitations due in part the park's increased profile as a result of increased media coverage. Additional funding will enhance TTP operations by allowing for a FT Coordinator, increased weekend presence, and the addition of trails maintenance.	2,992	40	253	271	289	308	327	346	366	386	406

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Scarborough Waterfront Project (SWP) West Segment Shoreline Construction	B	Y	Y	N	Toronto	1	Restoration & Infrastructure	An Individual EA for the Scarborough Waterfront Project, completed by TRCA in partnership with the City of Toronto in 2019, will provide safe public access and an enjoyable waterfront experience, while protecting and enhancing the natural environment, along an 11-km stretch of shoreline between Bluffer's Park and East Point Park in Toronto. Design and implementation funding is required to continue to advance the work eastward along the shoreline.	69,000	10,000	10,000	10,000	10,000	5,000	5,000	5,000	5,000	5,000	5,000	4,000
SWP Central Segment Detailed Design	B	Y	Y	N	Toronto	1	Restoration & Infrastructure	An Individual EA for the Scarborough Waterfront Project, completed by TRCA in partnership with the City of Toronto in 2019, will provide safe public access and an enjoyable waterfront experience, while protecting and enhancing the natural environment, along an 11-km stretch of shoreline between Bluffer's Park and East Point Park in Toronto. Design and implementation funding is required to continue to advance the work eastward along the shoreline.	2,000	2,000	-	-	-	-	-	-	-	-	-	-
SWP Central Segment Construction	B	Y	Y	N	Toronto	1	Restoration & Infrastructure	An Individual EA for the Scarborough Waterfront Project, completed by TRCA in partnership with the City of Toronto in 2019, will provide safe public access and an enjoyable waterfront experience, while protecting and enhancing the natural environment, along an 11-km stretch of shoreline between Bluffer's Park and East Point Park in Toronto. Design and implementation funding is required to continue to advance the work eastward along the shoreline.	28,000	-	-	5,000	10,000	10,000	3,000	-	-	-	-	-
SWP East Segment Detailed Design	B	Y	Y	N	Toronto	1	Restoration & Infrastructure	An Individual EA for the Scarborough Waterfront Project, completed by TRCA in partnership with the City of Toronto in 2019, will provide safe public access and an enjoyable waterfront experience, while protecting and enhancing the natural environment, along an 11-km stretch of shoreline between Bluffer's Park and East Point Park in Toronto. Design and implementation funding is required to continue to advance the work eastward along the shoreline.	4,000	-	-	-	2,000	2,000	-	-	-	-	-	-
SWP East Segment Construction	B	Y	Y	N	Toronto	1	Restoration & Infrastructure	An Individual EA for the Scarborough Waterfront Project, completed by TRCA in partnership with the City of Toronto in 2019, will provide safe public access and an enjoyable waterfront experience, while protecting and enhancing the natural environment, along an 11-km stretch of shoreline between Bluffer's Park and East Point Park in Toronto. Design and implementation funding is required to continue to advance the work eastward along the shoreline.	72,000	-	-	-	-	-	10,000	20,000	20,000	20,000	20,000	2,000
Targeted Flood Vulnerable Cluster Outreach	B	Y	N	N	All	2	Development & Engineering Services	TRCA's Flood Risk Public Awareness and Education Program was launched in 2018 and included two broad program areas; disseminate information on flood risk and current risk reduction initiatives to municipal partners, and to jointly deliver (together with municipal partners) risk information to flood vulnerable neighbourhoods. Initially the program targeted the highest ranked flood risk communities within each partner municipality. TRCA intends to expand the program through the development of digital flood risk materials for additional flood vulnerable areas including strategic social media campaigns and promotional mailing to promote contact-less flood risk packages.	60	-	-	60	-	-	-	-	-	-	-	-
Financial Management System Modernization	B	N	N	Y	All	4	Corporate Services	The goal of this project is to source an integrated software platform to provide a comprehensive set of online services for financial accounting and reporting functions. The system will provide direct integration to key business systems to streamline interactions across financial and operational functions, and will include general accounting and controls; financial and legislative reporting; procurement; billing and receivables; capital assets and WIP; budget management and forecasting; and workflow approvals and controls.	3,770	800	990	990	990	-	-	-	-	-	-	
Waterfront Integrated Restoration Prioritization (WIRP)	B	Y	Y	N	Toronto & Durham	5	Restoration & Infrastructure	The Waterfront Integrated Restoration Prioritization (WIRP) Strategy is being completed in 2024, and strategically targets restoration activities across the Toronto Waterfront. The strategy lays out a 10-year workplan to addresses ecological impairments and prioritizes restoration projects along the Toronto waterfront. Projects contribute to the Remedial Action Plan delisting targets for the Toronto Area of Concern pertaining to Beneficial Use Impairment (BUI) 14 "Loss of Fish and Wildlife Habitat" and BUI 3 "Degradation of Fish and Wildlife Populations". In 2024 Priority Project planning an implementation will begin and the planning framework will be extended across the Durham waterfront. The following years will target the annual implementation of priority waterfront restoration projects.	10,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Planting for Climate Change Mitigation and Adaptation	B	Y	Y	N	All	3	Restoration & Infrastructure	Undertake targeted tree and shrub planting on public and private lands to address climate change mitigation and adaptation using a suite of techniques included traditional and enhanced reforestation.	1,375	75	100	100	125	125	150	150	175	175	200	
Laserfiche Upgrade and License Migration	B	N	N	Y	All	9	Corporate Services	Upgrade of TRCA's Laserfiche ECM (Enterprise Content Management) to the latest version in order to maintain the system on a vendor supported release to ensure the continued management of TRCA's critical business records. The upgraded system will also enable TRCA access the latest system features, provide improved information security and user experience, enhanced integration with other technologies, and better performance and scalability.	328	184	16	16	16	16	16	16	16	16	16	

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Meadoway Multi-Use Trail	B	Y	N	N	Toronto	5	Restoration & Infrastructure	The Meadoway is transforming a hydro corridor in Scarborough into a vibrant 16-kilometre stretch of urban greenspace and meadowlands that will become one of Canada's largest linear urban parks. Additional funding is required to implement Sections 3 and 6 of The Meadoway Multi-Use Trail project. The design of each section is complete.	10,000	-	2,000	2,000	2,000	2,000	2,000	-	-	-	-	
Atlassian (JIRA) Cloud Migration and Service Desk Consolidation	B	N	N	Y	All	9	Corporate Services	Upgrade and migration of the Atlassian Jira Service Desk platform to the Atlassian Cloud infrastructure to enable the deployment of an integrated Enterprise Service Desk solution for TRCA. The upgraded system will also enable TRCA to access the latest system features, provide improved information security and user experience, enhanced integration with other technologies, and better performance and scalability.	67	67	-	-	-	-	-	-	-	-	-	
TRCA Debris Management Response Program	C	Y	N	Y	All	2	Development & Engineering Services	TRCA owns and manages hundreds of kilometres of natural watercourses throughout the jurisdiction. The urbanization of the areas surrounding these rivers has greatly increased the accumulation of debris in channels that can pose a risk to the community and environment because of increased flooding, erosion, impeded navigation and blockages to migrating fish. TRCA requires a response program be implemented to be able to assess, document, track and mitigate these debris blockages. The program would require the creation of an intake system for requests, GIS field tools with database, staff time for evaluation and mitigation.	1,000	100	100	100	100	100	100	100	100	100	100	100
Software Deployment Management Software	C	N	N	Y	All	9	Corporate Services	Acquisition and implementation of a Software Deployment Management Software platform to manage the installation and management of business software applications on all end user computing devices across TRCA.  The use of software deployment management software will provide increased operational and security control of end-user devices, increased customer service, and operational efficiencies through the elimination of redundant staff time to physically manage devices.	700	70	70	70	70	70	70	70	70	70	70	
Health and Safety Management System	C	N	N	Y	All	9	Corporate Services	The Health and Safety Management System (HSMS) will streamline all Health and Safety documentation, needs and investigation into one program. The HSMS will encompass all Health and Safety forms being utilized across all business units. The ideal system will also have the ability to track, manage and implement corrective actions for workplace safety inspections, incidents, statistics, meetings, WSIB management and more.	500	50	50	50	50	50	50	50	50	50	50	
The Village at Black Creek Capital Funding & Physical Accessibility Requirements	C	Y	Y	Y	Toronto	5	Education & Training	Multi-year capital investment plan to facilitate and enable development of a transformative new vision for Black Creek Pioneer Village that aims to reclaim its place as a vibrant, vital attraction that melds the exciting future of the City of Toronto and Ontario with the history of our communities, from pre-colonial Canada through to the 21st century. This would include development of a Master Plan that takes into consideration current and future development and programming of the site and surrounding environs. Includes state of good repair of the 40 plus historic buildings that comprise the built collection of Black Creek.	9,800	980	980	980	980	980	980	980	980	980	980	
Rat's Spit Shoreline Restoration	C	Y	Y	N	Toronto	3	Restoration & Infrastructure	Undertake implementation of shoreline restoration to address the impacts of high Lake Ontario water levels; protect existing warmwater embayment and enhance habitat for warmwater and cool water fishes. This will contribute to the delisting of the Toronto and Region Area of Concern.	1,000	1,000	-	-	-	-	-	-	-	-	-	
West Hill Bank Stabilization Project	C	Y	Y	N	Toronto	2	Restoration & Infrastructure	A pedestrian trail is at risk in Lower Highland Creek Park due to the eroding west bank of Highland Creek, south of Lawrence Avenue. Two sections of the trail were realigned away from the eroding bank in 2016, however stabilization is still required to protect this trail infrastructure due to continued erosion. The scope of work involves the development of detailed designs, permits & approvals and implementation; coordination with the City of Toronto should be considered to ensure there is no overlap with any funding opportunities.	1,850	50	100	1,700	-	-	-	-	-	-	-	
Morningside Creek Dissipater Stream Restoration Project	C	Y	Y	N	Toronto	3	Restoration & Infrastructure	This project involves removal of severely degraded hardened surfaces within Morningside Creek (energy dissipater and fishway) to restore function back to the watercourse through natural channel design and implementation. This work will deliver approximately 600 m of stream restoration.	3,000	3,000	-	-	-	-	-	-	-	-	-	
Ravine Strategy Implementation	C	Y	Y	N	Toronto	3	Restoration & Infrastructure	This project targets primarily wetland, habitat and valley restoration projects in partnership with the City of Toronto in Priority Investment Areas (PIA's) of the Toronto Ravine Strategy. This will also support the City's current NIF, and DMAF submission to implement Priority Ravine Strategy Projects.	2,050	150	150	200	200	200	200	200	250	250	250	

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Redevelopment of 805-809 St. Martins	C	N	N	Y	All	4	Corporate Services	805/809 St Martins are two lots within the City of Pickering. TRCA's Board of Directors has listed them as surplus and support the redevelopment potential into higher use lots prior to divesting.	250	250	-	-	-	-	-	-	-	-	-
Trail Strategy Implementation - Toronto	C	Y	Y	Y	Toronto	5	Restoration & Infrastructure	The delivery of trail connection projects as prioritized through the Trail Strategy for the Greater Toronto Region will facilitate safe access to public access to greenspace.	2,000	200	200	200	200	200	200	200	200	200	200
The Village at Black Creek Indigenous Engagement and Placemaking	C	Y	Y	Y	Toronto	5	Education & Training	Enhanced and expanded engagement of Indigenous communities in the development and ongoing programming of Indigenous exhibits, programs, installations and events at the Village. Supports the hiring of an Indigenous engagement supervisor and coordinator to support the development of Indigenous-led installations, exhibits and programming, and four part-time Indigenous education interpreters; as well as a collections coordinator to work with TRCA archaeologists to care for, digitize and make accessible to the public TRCA's collection of Indigenous artifacts.	7,500	750	750	750	750	750	750	750	750	750	750
The Village at Black Creek Water Supply Infrastructure	C	Y	Y	Y	Toronto	5 & 7	Conservation Parks & Lands	The water lines are dated and currently in poor condition. Deficiencies include frequent water breaks, corroded pipes, a drop in chlorine level in water due to pipe contamination, and low water pressure in village houses. Replacement is required.	1,800	150	1,650	-	-	-	-	-	-	-	-
The Village at Black Creek Inclusive Programming and Equitable Access	C	Y	Y	Y	Toronto	5	Education & Training	Enhancement of heritage, cultural and community programming during the regular operating season via re-establishment of seven day per week programming and full operating hours; recruitment and hiring of 53 part-time educational staff, seasonal livestock staff and seasonal gardeners; development of enhanced exhibits; nurturing and growth of community partnerships to tell stories reflecting the diversity of Toronto; establishment of equitable access programs to lower user fees for residents; targeted outreach activities to local communities; recruitment and hiring of a community outreach ambassador.	17,000	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Sustainable Neighbourhood Climate Action - Toronto	C	Y	Y	N	Toronto	8	Education & Training	Toronto Sustainable Neighbourhood Action Program (SNAP) will build resilient, climate ready neighbourhoods in high priority areas of Toronto. This project supports TRCA's continued leadership for action planning and building implementation partnerships for integrated projects that work toward achievement of sustainability objectives of the City, TRCA and the local community. Current budget supports only one SNAP neighbourhood per year, and this additional budget would enable program growth to meet community demand and support impact in up to three SNAP neighbourhoods.	2,000	200	200	200	200	200	200	200	200	200	200
The Village at Black Creek Collections Management and Modernization	C	Y	Y	N	Toronto	5	Education & Training	Improved collections care including recruitment and hiring of collections care specialist to care for TRCA's collection of Indigenous and historical artifacts and to make entire collection accessible virtually to enhance student and community access to a collection showcasing Toronto's history, further enabling enhanced programming and storytelling. Also includes continued care of TRCA's collection of historical artifacts including 42 19th century buildings, surrounding greenspace and related infrastructure.	7,500	750	750	750	750	750	750	750	750	750	750
Restoration Projects Targeting Climate Change Action - Toronto	C	Y	Y	N	Toronto	3	Restoration & Infrastructure	Using Data sets such as Integrated Restoration Prioritization, Restoration Opportunities Database, Climate Change Vulnerability, TRCA's existing Regional Watershed Monitoring Program data, and Flood Vulnerability, areas will be targeted for restoration that directly mitigate for and provides resiliency from the impacts of climate change. Project specific to Climate Change Action include wetlands for flood mitigation and water quality; riparian plantings to reduce in-stream temperatures and bank stability; Planting for carbon sequestration and tree replacement for vegetation community shifts. Future Priority Projects include: Centennial Park Stream and Wetland Restoration Project; Science Centre Wetland Project.	1,390	200	200	200	100	110	110	110	120	120	120
Renaming and Rebranding from Black Creek Pioneer Village to The Village at Black Creek	C	Y	Y	N	Toronto	5	Education & Training	Renaming and rebranding including signage, materials, website and other associated collaterals. The current name, which includes "Pioneer," provides a barrier to engagement of Indigenous communities.	250	250	-	-	-	-	-	-	-	-	-
Watershed Planning and Reporting	C	Y	N	N	All	1	Development & Engineering Services	The Watershed Planning & Reporting (WPR) team currently has resources allowing for one watershed plan to be underway in any given year, taking a total of about 4 years to complete each plan. Current resources limit the opportunities to include a fulsome climate change technical analysis, limit meaningful engagement with stakeholders and public, restrict provision of implementation facilitation support and long term tracking and reporting on watershed plan implementation. The enhanced WPR approach would enable the ability to have three watershed plans under development at various stages each year and provide these other important support to partner municipalities and TRCA to implement and track watershed plan. This would enable all TRCA watershed plans to be updated on roughly a 10-year cycle ensuring up-to-date watershed science is available to TRCA and its partners and stakeholders to inform actions on the ground.	8,560	780	800	815	830	845	860	880	900	915	935

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Invasive Species Strategy Implementation	C	Y	Y	N	All	3	Restoration & Infrastructure	Develop Invasive Species Management Plans for TRCA properties and undertake strategic management to protect high priority ecological areas and reduce density and extent of invasive species.	1,800	100	150	200	200	200	200	200	200	200	200	150
Etobicoke Creek Barrier Mitigation	C	Y	Y	N	Toronto	3	Restoration & Infrastructure	Project will involve the removal of a degraded in-stream barrier in lower Etobicoke Creek associated with the Toronto Golf Club. The implementation of this project will improve the health of the Etobicoke Creek aquatic ecosystem and create opportunities to improve fish passage and fish habitat. This project will also mitigate an old in-stream barrier that may fail in the future and cause in-stream damage and damage to downstream infrastructure.	2,100	100	2,000	-	-	-	-	-	-	-	-	-
Urban Wildlife Management Program	C	Y	Y	N	All	3	Restoration & Infrastructure	Undertake actions to manage urban wildlife/wildlife habitat including reactive conflict situations (e.g. beaver activity resulting in flooding and erosion concerns) and proactive conservation situations (e.g. install turtle nest protection fencing).	325	30	30	32	32	32	33	33	34	34	35	
The Village at Black Creek Visitors Centre Patio	D	Y	Y	Y	Toronto	5 & 7	Conservation Parks & Lands	The exposed wood deck patio is dated, and observed deficiencies include wood rot, cracks, splits, corroded guardrails and damaged coping courses with exposed rebar. Due to the current hazardous condition, the patio is closed and results in lost revenue for the Village. Replacement of the patio deck is required.	360	360	-	-	-	-	-	-	-	-	-	