Attachment 5 - TRCA's 2025 List of Unfunded Priorities - Durham

Project	Score	Region	Classification	Description	10 Year Projected Cost ($000's)
Legacy Dam Decommissioning - Secord Dam and Osler Dam	A	Durham	Flood and Erosion Infrastructure - Physical	TRCA owns two historical dams, Secord Dam and Osler Dam, which do not meet current dam safety standards. Due to their age and construction, upgrading these dams is neither technically nor financially feasible. Given the risks these structures pose, removal of the dams is recommended.	**2,400**
Pickering and Ajax Dyke Detailed Design	A	Durham	Flood and Erosion Infrastructure - Physical	Building on the findings from the 2020 Pickering and Ajax Dyke Restoration Environmental Assessment (EA), TRCA plans to move forward with the detailed design process for implementing the preferred restoration alternatives, which includes the complete reconstruction of the dykes. Once completed, the reconstructed dykes will offer enhanced flood protection and comply with all current engineering design criteria and standards.	**600**
Pickering Dyke Construction	A	Durham	Flood and Erosion Infrastructure - Physical	The implementation of the preferred restoration plan for the Pickering Dyke involves finalizing the construction phasing and methodology, executing a sediment and erosion control plan, and maintaining ongoing communication with affected residents. This process will also include the execution of construction activities and subsequent site restoration.	**10,000**
Ajax Dyke Construction	A	Durham	Flood and Erosion Infrastructure - Physical	The implementation of the preferred restoration plan for the Ajax Dyke includes finalizing construction phasing and methodology, executing a sediment and erosion control plan, and maintaining communication with affected residents. Additionally, it will involve carrying out construction activities and restoring the site afterward.	**5,100**
Pay-for-parking - Durham Region Passive Lands	B	Durham	Asset Enhancement	Install and enforce pay-for-parking services at passive use lands, including parking lots at Altona Forest (1) and Greenwood Conservation Lands (2). The revenue generated will be directed toward supporting state-of-good-repair needs and funding visitor amenity initiatives within these passive use properties.	**65**
Waterfront Integrated Restoration Prioritization (WIRP)	B	Toronto / Durham	Green Infrastructure	The Waterfront Integrated Restoration Prioritization (WIRP) Strategy was completed in 2024. It 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 2025 Priority Project planning an implementation has begun and the planning framework will be extended across the Durham waterfront. The following years will target the annual implementation of priority waterfront restoration projects - including projects listed as unfunded priorities, i.e. Rat's Spit Shoreline Restoration.	**10,000**
Durham Conservation Lands Trail State of Good Repair Program	B	Durham	Trails	The projects in this program will ensure that existing trails remain open and safely operated, promoting safe trail usage while minimizing the risk of liability for TRCA. By addressing infrastructure deficiencies on TRCA-managed trails, the projects will enhance the condition of trails and wayfinding signage in the East and West Duffins Headwaters in Uxbridge, Altona Forest in Pickering, and Greenwood Conservation Lands in Ajax and Pickering.	**1,750**
Durham Region Shoreline Risk Assessment	C	Durham	Flood and Erosion Services	An assessment of shoreline hazards across the Durham waterfront, specifically in Pickering (following the completion of Ajax's gap analysis), will be conducted to inform planned improvements and identify deficiencies in existing structures. This assessment will lead to the development of an integrated shoreline management plan that will outline necessary actions, prioritize needs, and guide the methodology for remedial erosion protection. Notably, TRCA staff are currently working to implement a cobble boulder beach along Reach 5 in Ajax using federal funding, while ongoing discussions with regional and municipal partners continue.	**800**
Claremont Infrastructure	C	Durham	Asset Management	This project involves infrastructure repair and upgrades to Claremont Conservation Park, focusing on key facilities and site infrastructure. The details of the project include infrastructure repairs and upgrades: 1) Field Centre: Repairs and upgrades to the substructure, roof, services (plumbing, electrical, HVAC), shell (exterior structure), and equipment to ensure the building remains functional, safe, and energy-efficient for park operations and visitor use. 2) Maintenance Shop: Updates to the services (electrical, plumbing), shell (structural repairs to exterior), and interior spaces to improve functionality and support maintenance activities within the park. 3) Site Infrastructure: Upgrades to the park’s critical infrastructure, including transformers and other essential equipment, to improve the park’s electrical system, safety, and reliability. These repairs and upgrades are essential to maintaining the integrity of Claremont Conservation Park’s facilities, ensuring they meet operational needs and provide a safe and enjoyable experience for visitors.	**974**

Attachment 5 - TRCA's 2025 List of Unfunded Priorities - Durham

Project	Score	Region	Classification	Description	10 Year Projected Cost ($000's)
Petticoat Creek Infrastructure	C	Durham	Asset Management	The Petticoat Creek Conservation Park infrastructure repair and upgrades project includes key upgrades to enhance both the park's facilities and operations. The following details outline the planned improvements: Infrastructure Repairs and Upgrades: 1) Maintenance Shop - $1.5M - 2025-2027: The maintenance shop at Petticoat Creek Conservation Park is past the end of its operational life. The planned investment of $1.5M is needed for a complete renovation of the shop, replacing failed infrastructure that has rendered the current facility unsuitable for staff use. The renovation includes roof, cladding, window, door and HVAC replacement, upgraded electrical systems and interiors, and provide a staff washroom and lunchroom. This is a critical project since staff are currently displaced due to the shop's condition. This project will ensure that the maintenance shop is functional, safe, and capable of supporting the park's operational needs. These improvements will greatly enhance the visitor experience, operational efficiency, and staff working conditions at Petticoat Creek Conservation Park, ensuring that the park remains a safe and enjoyable destination for the community. 2) Outdoor pool – closed for 6th season, is past end of life and requires demolition and removal so the pool and deck area and surrounding green space which has a nice picnic shelter can be converted back to green space for picnics and possible new educational or passive park space which is in high demand in this area. Approximate costs are $1.5M. 3) Pool complex includes washrooms, change rooms and a small office. Upgrades are required to convert the space into three season washrooms and educational use area to support educational programs and camps. The finishes and layout are outdated and inefficient. Upgrades would require approximately $450K. 4) Park infrastructure: Approximately $750 paving is required to upgrade the main road and some parking areas.These improvements will greatly enhance the visitor experience, operational efficiency, and staff working conditions at Petticoat Creek Conservation Park, ensuring that the park remains a safe and enjoyable destination for the community.	**6,234**
Trail Strategy Implementation - Durham	C	Durham	Trails	The delivery of trail connection projects, as prioritized through the Trail Strategy for the Greater Toronto Region, aims to enhance safe and accessible public access to greenspaces. These Region of Durham projects will create vital linkages between parks, natural areas, and communities, ensuring that residents and visitors can enjoy safe and seamless connectivity to outdoor spaces. By improving trail networks, the initiative will promote active transportation, environmental stewardship, and overall community well-being.	**2,000**
Erosion Monitoring and Maintenance Program - Durham	C	Durham	Flood and Erosion Services	The primary objective of this long-term program is to identify erosion-prone sites within Durham Region where erosion presents a significant risk to essential infrastructure and public safety. The data collected will be used to establish a priority ranking for these erosion hazard sites and to provide recommendations for necessary maintenance and remedial actions. TRCA, in collaboration with Durham Region staff, is working to initiate an erosion hazard monitoring program for the 2025 and 2026 monitoring seasons. This will involve a combination of desktop analyses and ground-truthing data collection, with the proposed start date set for Q2 2025. The program will enable a proactive approach to addressing erosion risks and ensuring the safety and sustainability of the region's infrastructure and natural landscapes.	**2,100**
Restoration Projects that support Atlantic Salmon Recovery in Durham	C	Durham	Green Infrastructure	The Restoration Project Implementation aims to directly support the Atlantic Salmon Recovery Program in the Duffins Watershed. This project is a critical part of ongoing efforts to restore and enhance aquatic habitats for the recovery of the Atlantic Salmon population, a historically significant species in the region. Key components of the project include: 1) Partnerships and Collaboration with the Ontario Federation of Anglers and Hunters (OFAH), the Ministry of Natural Resources and Forestry (MNRF), and local communities; 2) Priority stream restoration projects based on the Atlantic Salmon Restoration Plan, which identifies key streams in the Duffins Watershed that are critical for salmon recovery. This includes the Coug's Barrier Removal Project and the Annandale Former Golf Course Restoration Project that will remove barriers, rehabilitate degraded lands, restore riparian areas, and improve water quality, creating a healthier environment for the salmon to thrive. 3) Enhanced Biodiversity: Restoration efforts will benefit a variety of species, not just Atlantic Salmon, by improving stream health, water quality, and riparian zones that support numerous aquatic and terrestrial species. 4) Floodplain and Riparian Area Rehabilitation: Key areas will be restored to their natural conditions, improving overall watershed function, reducing sedimentation, and enhancing water filtration. 5) Monitoring and Reporting: Restoration activities will be accompanied by monitoring to track the success of the projects. This includes assessing water quality, stream health, and salmon population recovery, ensuring that the goals of the Atlantic Salmon Recovery Program are being met. The long-term goals and outcomes of this project includes 1) Achieving sustainable Atlantic Salmon populations by directly addressing threats to habitat and migration, and aiming to help re-establish viable salmon populations in the Duffins Watershed. 2) Improved watershed health to improve the ecological health of the watershed, supporting biodiversity, improving water quality, and enhancing the resilience of the ecosystem to climate change and other environmental pressures. 3) Community Involvement: Engaging the local community and stakeholders in restoration and monitoring efforts will help build a long-lasting commitment to maintaining the health of the Duffins Watershed and its ecosystems. The Restoration Project Implementation in the Duffins Watershed is a vital component of the broader Atlantic Salmon Recovery Program. By focusing on priority projects such as the Coug's Barrier Removal and Annandale Golf Course Restoration, this initiative will directly enhance Atlantic Salmon habitat, improve watershed health, and foster long-term ecological sustainability. Working in partnership with organizations like OFAH and MNRF, this program exemplifies the power of collaboration and community engagement in achieving significant goals.	**1,490**

Attachment 5 - TRCA's 2025 List of Unfunded Priorities - Durham

Project	Score	Region	Classification	Description	10 Year Projected Cost ($000's)
Restoration Projects Targeting Climate Change Action - Durham	C	Durham	Green Infrastructure	The Climate Change Resiliency Restoration Program will focus on targeted restoration projects designed to mitigate the impacts of climate change and enhance the resilience of natural systems. Using data from various sources such as Integrated Restoration Prioritization, Restoration Opportunities Database, Climate Change Vulnerability assessments, and TRCA's Regional Watershed Monitoring Program, the initiative will identify and restore priority areas that provide multiple benefits. Key Restoration Actions: Wetlands for Flood Mitigation and Water Quality. Wetland restoration projects will be implemented to help absorb and slow down stormwater, reducing the risk of flooding and improving water quality by filtering pollutants. The Brocklands Wetland Projects will specifically target wetland creation and enhancement to improve water retention and water quality in the region. Riparian Plantings for In-stream Temperature Regulation and Bank Stability: Riparian planting involves restoring vegetation along stream banks, which can significantly reduce in-stream temperatures by providing shade and improving water quality by filtering runoff. Planting riparian buffers also helps stabilize stream banks, reducing erosion and preventing sedimentation in streams. The Brogham Creek Conc 5 Stream Restoration Project will focus on improving riparian vegetation and stabilizing the stream bank to create a more resilient habitat for fish species, including the Redside Dace. Carbon Sequestration through Tree Planting: Large-scale tree planting projects help sequester carbon, reduce atmospheric CO2 levels, and support the shifting vegetation communities that are needed to adapt to changing climate conditions. These projects will not only help mitigate climate change but also improve biodiversity, enhance soil health, and increase the overall resilience of ecosystems. Tree replacement projects will focus on introducing more climate-resilient species to ensure long-term success and adaptation to future climate scenarios. Restoring Wetlands and Streams to Benefit Biodiversity: Restoration efforts will focus on critical habitats for vulnerable species, with an emphasis on improving biodiversity and species health. This includes projects aimed at restoring wetland areas and stream corridors that provide vital habitats for fish, birds, and other wildlife. The Seaton Lands Site 10 Wetland Restoration Project will focus on restoring wetlands in an area that is crucial for supporting local biodiversity, improving water quality, and enhancing flood resilience. Future priority projects include the Brocklands Wetland Projects, Brogham Creek Conc 5 Stream Restoration Project, and Seaton Lands Site 10 Wetland Restoration Project. By focusing on these restoration projects, TRCA will contribute to climate change mitigation and adaptation and also ensure that the region remains a healthy, vibrant place for wildlife and communities for generations to come.	**1,390**
Asset - Washroom Infrastructure - Durham Region Conservation Parks	C	Durham	Asset Management	Park Washroom Replacement and Renewal Project. Objective: The goal of this project is to build three new park washrooms at Petticoat Creek. New facilities that are accessible and durable will ensure a higher standard of comfort, potentially drawing in more park visitors who will have an improved park experience.	**900**
Parks - Trail Maintenance - Durham Region	D	Durham	Trails	This project includes improvements and expansion to the trail network in Durham Region to draw more users outside to connect to nature, for leisure and health benefits and to improve sustainable transportation options. Key areas of focus include trail resurfacing and repair, repairs to lookouts and viewing platforms, rebuilding board-walk trails and bridges, fence and safety measures at lookout points and new information trail kiosks. Proper maintenance of park infrastructure ensures longevity and high calibre visitor experiences impacting wellbeing and fostering connections to communities and conservation alike.	**125**
Sustainable Neighbourhood Climate Action - Durham	D	Durham	Sustainable Community	Durham Sustainable Neighbourhood Action Program (SNAP) will build resilient, climate ready neighbourhoods in high priority areas of the Region. This project will support TRCA's leadership for action planning in the pilot Ajax SNAP neighbourhood and building implementation partnerships for action towards sustainability objectives of the Region, Town of Ajax, TRCA and the local community. Following the pilot, the project will support another cycle of priority neighbourhood identification, action planning and implementation in cooperation with the Region, another lower tier municipality and local community.	**2,500**