Region of Queens Municipality Regular Council
Tuesday, May 27, 2025
6:00 p.m.

Agenda

1.0 Call to Order and Land Acknowledgement

2.0 Approval of the Agenda

3.0 Declaration of Conflict of Interests

4.0 Approval of the Minutes

4.1 May 13, 2025

5.0 Public Comment

6.0 Delegations and Presentations

6.1 Green Shores Program - TransCoastal Adaptions, Kelly Umlah
6.2 Track and Field Project- North Queens Active Living

7.0 Correspondence

7.1 Extended Producer Responsibility Program – Region 6 Solid Waste Management

8.0 Committee Reports

8.1 Planning Advisory Committee - Deputy Mayor Charlton

9.0 Unfinished Business

10.0 New Business

10.1 CIF Operational Funding Queens County Museum
10.2 CIF Capital Funding Pleasant River Community Hall Society
10.3 CIF Capital Funding North Queens Active Living Society

10.4 Queens Place Emera Centre Heat Pumps
10.5 Tax Bill Payment Extension

11.0 Mayor's Report

11.1 Mayor's Report

12.0 Business from Members of Council

12.1 Hybrid/virtual attendance for Council and Committee members – Deputy Mayor Charlton

12.2 Sign Installation Request from Greater Molega Lake Lot Owners Association – Councillor Jenkins

12.3 Liverpool Fire Hall Heat Pumps – Councillor Fancy

13.0 Closed Session

13.1 Property Matter

14.0 Adjournment

Region of Queens Municipality Regular Council
Tuesday, May 13th, 2025
9:00 a.m.

YouTube: https://www.youtube.com/watch?v=uHPnoBrfjGg

Minutes

Present:
Mayor Scott Christian, Chair
Councillor Vicki Amirault
Councillor Wanda Carver
Councillor Jack Fancy
Councillor Stewart Jenkins
Councillor Roberta Roy
Councillor Courtney Wentzell

STAFF
Dan McDougall, Interim CAO
Heather Cook, Acting Municipal Clerk
Kate Wong, Administrative Assistant
Joanne Veinotte, Director of Finance
Adam Grant, Director of Infrastructure
Steve Whynacht, Manager of Information Technology
Mike McLeod, Director of Land Use
Steve Burns, Community Economic Development Officer
Richard Lane, Project Officer

Regrets:
Deputy Mayor Maddie Charlton

1.0 Call to Order and Land Acknowledgement

Mayor Christian called the meeting to order at 9:03 a .m. and opened the meeting by acknowledging that we are in Mi'kma'ki, the traditional territory of the Mi'kmaq people.

2.0 Approval of Agenda

Moved by Councillor Wentzell, seconded by Councillor Jenkins:

THAT the Council of Region of Queens Municipality amend the agenda to reflect the correspondence from Liverpool Pickleball and Tennis Club to become Item 7.7, and Fire Service Review Letter to become Item 7.4

MOTION CARRIED.

3.0 Declaration of Conflict of Interests

There were no declarations of conflict of interests.

4.0 Approval of Minutes

4.1 April 22nd, Regular Council Meeting Minutes

Moved by Councillor Carver, seconded by Councillor Fancy:

THAT the minutes of the Regular Council meeting held April 22nd, 2025 be approved as presented.

MOTION CARRIED.

4.2 April 24th ,2025 Special Council Meeting Minutes

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT the minutes of the Special Council meeting held April 24th, 2025 be approved as presented.

MOTION CARRIED.

4.3 April 28th, 2025 Special Council Meeting Minutes

Moved by Councillor Fancy, seconded by Councillor Carver:

THAT the minutes of the Special Council meeting held April 28th, 2025 be

approved as presented.

MOTION CARRIED.

4.4 May 6th, 2025 Special Council Meeting Minutes

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT the minutes of the Special Council meeting held May 6th, 2025 be approved as presented.

MOTION CARRIED.

5.0 Public Comment

Robin Anthony, Brooklyn, presented correspondence sent from Interim CAO McDougall on May 7th and a letter she had sent on May 6th to Mayor, CAO and Council.

Barry Anthony, Brooklyn, spoke about the waterfront park in Brooklyn.

Rob Crawford, Beach Meadows, spoke about the background of the correspondence of Liverpool Pickleball and Tennis Club being presented.

Paul Deveau, Brookdale Crescent, District 5, expressed that he would have appreciated more information on the budget items. Mr. Deveau asked if information can be added to the yearly tax bill.

Stan Clark, Carter's Beach, spoke in support of establishing a community garden. He encouraged the Region of Queens Municipality to continue the rehabilitation program at Queens Place Emera Centre in collaboration with the hospital and further recommended that RQM approach the provincial government to seek increased involvement from QPEC in rehabilitation efforts. He also addressed concerns regarding the litter problem in Queens County.

6.0 Delegations and Presentations

There were no Delegations or Presentations to come before the Council.

7.0 Correspondence

7.1 Reprofiling of Programs – Minister of Municipal Affairs

Moved by Councillor Carver, seconded by Councillor Wentzell:

THAT the Council of the Region of Queens Municipality receive this letter for information.

MOTION CARRIED.

7.2 Fire Record Management System – Minister of Municipal Affairs

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality receive this letter for information.

MOTION CARRIED.

A request was made to send this letter to the Fire Services Committee for inclusion in their next agenda.

7.3 12-Months' Notice re: Provincial changes for 2026-2027 – Minister of Emergency Services and Minister of Municipal Affairs

Moved by Councillor Amirault, seconded by Councillor Fancy:

THAT the Council of Region of Queens Municipality receive this letter for information.

MOTION CARRIED.

7.4 Fire Service Review Letter – Minister of Emergency Management and Minister of Municipal Affairs

Moved by Councillor Fancy, seconded by Councillor Jenkins:

THAT the Council of Region of Queens Municipality receive this letter for information.

MOTION CARRIED.

A request was made to send this letter to the Fire Services Committee for inclusion in their next agenda.

7.5 RQM Intervenor Status for Upcoming Liverpool Bay Fish Farm Expansion – Protect Liverpool Bay

Moved by Councillor Carver, seconded by Councillor Amirault:

THAT the Council of Region of Queens Municipality receive this letter for information.

MOTION CARRIED.

7.6 Request for Assistance Installing Signage – Liverpool Lions Club

Moved by Councillor Jenkins, seconded by Councillor Wentzell:

THAT the Council of Region of Queens Municipality direct staff to return with a report on the erection of a proper sign structure that could also be used by other community groups to post their signage, along with a proposed designated area.

MOTION CARRIED.

7.7 Correspondence from Liverpool Pickleball and Tennis Club, 3 letters

Moved by Councillor Fancy, seconded by Councillor Wentzell:

THAT the Council of the Region of Queens Municipality authorize the Tennis & Pickleball Club to install a shed and associated facilities on municipal property, pursuant to the existing agreement and subject to any other

required municipal permits.

AND THAT the Council of Region of Queens Municipality direct staff to work with the Tennis & Pickleball Club and consult with the property owners of 113 Church Street to develop an orderly plan to decommission and discontinue the use of the existing clubhouse.

MOTION CARRIED.

7.8 Request for Endorsement re: Public Library Funding – South Shore Public Libraries

Moved by Councillor Wentzell, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality direct Mayor Christian to prepare a letter of support, in collaboration with other mayors and wardens, endorsing the petition to the Province to undertake a review of the current library funding formula.

MOTION CARRIED.

8.0 Committee Reports

8.1 Planning Advisory Committee (PAC) and Queens Community Health Board – Deputy Mayor Charlton

Read by Mayor Christian in the absence of Deputy Mayor Charlton

The Planning Advisory Committee met on May 5 to discuss a proposed amendment to the Land Use By-law. Further information was requested, and a follow-up meeting is scheduled for Thursday, May 15. A report will be brought to Council at the May 27 meeting for direction on how to proceed with the proposed amendment related to a development at the former Stedman's building on Main Street, as requested by developer Eric Fry. The Committee also intends to begin a broader review of the Municipal Planning Strategy and Land Use By-law in June, focusing on items identified by staff, Council, and community feedback since the documents were last updated in 2023.

8.2 Pool Committee- Councillor Amirault

Councillor Amirault spoke about the Pool Committee meeting that took place on May 8th. A discussion was held about a possible retractable pool cover. Updates were given on the progress of the pool. An update was given at the May 8 meeting by a member of the fundraising committee about fundraising efforts. They are due to meet next week. The next meeting to take place on June 10th, 3:30 p.m.

9.0 Unfinished Business

There was no unfinished business to discuss.

10.0 New Business

10.1 Strategic Priorities Budget Alignment

Moved by Councillor Amirault, seconded by Councillor Wentzell:

THAT the Council of Region of Queens Municipality receives the report titled 'Proposed 2025-2026 Operating, Capital, and Water Utility Budget' for information.

MOTION CARRIED.

The meeting recessed from 10:38 a.m. to 10:44 a.m.

10.2 Budget Approval

Moved by Councillor Fancy, seconded by Councillor Carver:

THAT the Council of the Region of Queens Municipality approve the 2025-2026 Operating Budget as presented.

MOTION CARRIED.

Moved by Councillor Jenkins, seconded by Councillor Amirault:

THAT the Council of Region of Queens Municipality approve the 2025-2030 Five Year Capital Investment Plan as presented.

MOTION CARRIED.

Moved by Councillor Amirault, seconded by Councillor Fancy:

THAT the Council of Region of Queens Municipality approve the proposed 2025-2026 Water Utility Operating budget reflecting a deficit of $813,098;

AND THAT the proposed three-year Water Utility Operating budget for the years 2025-2026, 2026-2027 and 2027-2028 be adopted and submitted to the Nova Scotia Utility and Review Board.

MOTION CARRIED.

Moved by Councillor Wentzell, seconded by Councillor Amirault:

THAT the Council of the Region of Queens Municipality authorize the levying of a four (4) cent area rate in Assessment Districts 5 and 6, to be provided to Brooklyn Recreation Committee.

MOTION CARRIED.

Moved by Councillor Wentzell, seconded by Councillor Amirault:

THAT the Council of the Region of Queens Municipality authorize the levying of a one point five (1.5) cent area rate in Assessment Districts 5

and 6, to be provided to Brooklyn Cemetery Committee.

MOTION CARRIED.

Moved by Councillor Jenkins, seconded by Councillor Amirault:

THAT the Council of Region of the Queens Municipality authorize the levying of area rates for all assessment accounts according to the following rules:

Assessment Districts 1-12, excluding assessment account numbers 10148820, 10462223, and 00132837, a road levy charge of 75% of the provincially mandated road charge, as well as those properties in Assessment Districts 1, 3, 5, and 6 that are connected to, or have the ability to connect to, Liverpool's Water Utility hydrant charges at 100%.

Assessment District 13, as well as assessment account numbers 10148820, 10462223, and 00132837, debt charges for Assessment District 13 at 100%, roads, streets, and sidewalk expenses at 75%, engineering and public works equipment expenses at 75%, Liverpool street paving expenses at 100%, and Liverpool Water Utility hydrant charges at 100%.

MOTION CARRIED.

Moved by Councillor Fancy, seconded by Councillor Amirault:

THAT the Council of the Region of Queens Municipality authorize the levying of the following tax rates for Assessment District 13, as well as assessment account numbers 10148820, 10462223, and 00132837, effective April 1, 2025:

Residential and Resource base rates of $1.04 per $100 of assessment plus an area rate of 84.5 cents per $100 of assessment for those properties connected to or have the ability to connect to Liverpool's Water Utility,

or 76 cents per $100 of assessment for those unable to connect to Liverpool's Water Utility.

Commercial base rate of $2.14 per $100 of assessment plus an area rate of 84.5 cents per $100 of assessment for those properties connected to or have the ability to connect to Liverpool's Water Utility, or 76 cents per $100 of assessment for those unable to connect to Liverpool's Water Utility.

AND THAT authority is given to levy the following tax rates for Assessment Districts 1-12, excluding assessment account numbers 10148820, 10462223, and 00132837, effective April 1, 2025:

Residential and Resource base rate of $1.04 per $100 of assessment plus an area rate of 2 cents per $100 of assessment for the provincially mandated road charge, and on all assessment accounts in Assessment Districts 1, 3, 5, and 6, for those properties connected to, or have the ability to connect to Liverpool's Water Utility, 8.5 cents per $100 of assessment.

Commercial base rate of $2.14 per $100 of assessment plus an area rate of 2 cents per $100 of assessment for the provincially mandated road charge, and on all assessment accounts in Assessment Districts 1, 3, 5, and 6, for those properties connected to, or have the ability to connect to Liverpool's Water Utility, 8.5 cents per $100 of assessment.

Commercial Seasonal base rate of $1.61 per $100 of assessment plus an area rate of 2 cents per $100 of assessment for the provincially mandate road charge.

MOTION CARRIED.

Moved by Councillor Roy, seconded by Councillor Wentzell:

THAT the Council of the Region of Queens Municipality establish June 1, 2025, as the due date for all property taxes, with no interest being

charged for any taxes being paid on or before June 30, 2025.

MOTION CARRIED.

Moved by Councillor Carver, seconded by Councillor Jenkins:

THAT the Council of Region of Queens Municipality authorize the creation of an Operating Capital Project reserve for the purposes of funding smaller capital projects; to be funded by a transfer from the accumulated surplus of $1,000.000.

AND THAT authorization be given for the creation of a District 13 reserve funded by any overage of revenues from the Roads and Streets, Debt and Paving District 13 area rate as compared to actual costs during the fiscal year.

MOTION CARRIED.

10.3 Community Investment Fund 2025-2026

Steve Burns, Community Economic Development Officer, introduced the Community Investment Fund, giving some history and noting its importance.

Councillor Wentzell declared a conflict of interest regarding the first motion and withdrew from the meeting room.

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality provide grant funding to CJQC Radio Society for eligible operating expenses in the amount up to $5,000.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Councillor Wentzell returned to the meeting following the vote.

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality provide grant funding to South Shore Flying Club for eligible operating expenses in the amount up to $6,047.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Moved by Councillor Wentzell, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality provide grant funding to Friends of Hank Snow Society for eligible operating expenses in the amount up to $10,000.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Moved by Councillor Jenkins, seconded by Councillor Amirault:

THAT the Council of Region of Queens Municipality provide grant funding to the Medway & Area Heritage Society for eligible operating expenses in the amount up to $2,267.50 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Mayor Christian declared a conflict of interest regarding the motion and withdrew from the meeting room. In his absence, he appointed Councillor Wentzell as Chair.

Moved by Councillor Wentzell, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality provide grant funding to South Queens Chamber of Commerce for eligible operating expenses in the amount up to $3,750.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Mayor Christian returned to the meeting following the vote.

Moved by Councillor Amirault, seconded by Councillor Jenkins:

THAT the Council of Region of Queens Municipality provide grant funding to the Mersey Band Society for eligible operating expenses in the amount up to $3,121.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Moved by Councillor Fancy, seconded by Councillor Carver:

THAT the Council of Region of Queens Municipality provide grant funding to Milton Canoe & Camera Club in the amount of $2,030.50 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Moved by Councillor Amirault, seconded by Councillor Wentzell:

THAT the Council of Region of Queens Municipality provide grant funding to Friends of Carroll Baker Society for eligible operating expenses in the amount up to $5,000.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Councillor Carver declared a conflict of interest regarding the motion and withdrew from the meeting room.

Moved by Councillor Jenkins, seconded by Councillor Wentzell:

THAT the Council of Region of Queens Municipality provide grant funding to Queens County Fair Association for eligible operating expenses in the amount up to $10,000.00 from the 2025-2026 Community

Investment Fund.

MOTION CARRIED.

Councillor Carver returned to the meeting following the vote.

Moved by Councillor Amirault, seconded by Councillor Jenkins:

THAT the Council of Region of Queens Municipality provide grant funding to Seaside Recreation & Community Centre for eligible operating expenses in the amount up to $5,000.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

Moved by Councillor Carver, seconded by Councillor Fancy:

THAT the Council of Region of Queens Municipality provide grant funding to North Queens Board of Trade for eligible operating expenses in the amount up to $10,000.00 from the 2025-2026 Community Investment Fund.

MOTION CARRIED.

10.4 Transition to Clear Bags

Moved by Councillor Jenkins, seconded by Councillor Fancy:

THAT Council of the Region of Queens Municipality receive the report titled Transition to Clear Bags and approve the proposed legislative, education, and enforcement approach
AND THAT Council direct staff to develop the appropriate amendments to by-law #13 for Council review and decision in the Fall 2025.

MOTION CARRIED.

10.5 Service Exchange with Nova Scotia Public Works

Moved by Councillor Amirault, seconded by Councillor Jenkins:

THAT Council of the Region of Queens Municipality authorizes municipal staff to provide winter works maintenance (snow and ice control) for the provincially owned sections of Wolfe Street, Town Lake Road, and Birch Avenue in Milton in exchange for the Provincial Public Works Department providing winter works maintenance (snow and ice control) for the municipal access road to the Leaf and Yard Waste Site Western Head and the municipal portions of Bog Road.

MOTION CARRIED.

10.6 Organics Transfer Tender

Moved by Councillor Jenkins, seconded by Councillor Carver:

THAT Council of the Region of Queens Municipality receive the report Organics Transfer

AND THAT Council authorize the Chief Administrative Officer and Mayor to complete the Form of Tender with GE Environmental for July 1, 2025 to March 31, 2028.

MOTION CARRIED.

10.7 Extended Producer Responsibility Participation

Moved by Councillor Wentzell, seconded by Councillor Jenkins:

THAT Council of the Region of Queens Municipality provides 'opt-in' notice to Circular Materials

MOTION CARRIED.

11.0 Mayor's Report

11.1 Mayor's Report

Over the past two weeks, Mayor Christian along with Council members and

staff
have been engaged in budget deliberations, as well as Council orientation Sessions. He also met with various community groups across Queens County to discuss local challenges and opportunities for collaboration.

On April 25, Mayor Christian met with Mayor Elspeth McLean-Wile of Municipality of
the District of Lunenburg and Kim Masland, Minister of Emergency Management. From April 30 to May 2, Mayor Christian attended the Nova Scotia Federation of Municipalities (NSFM) conference in Truro.
On May 7, Mayor Christian met with the Governor of Kiwanis Eastern Canada and Caribbean district to participate in the unveiling of the new scoreboard at South Queens Middle School. Later that evening, he attended a McHappy Day event at McDonolds in Liverpool, which raised a lot of money for Special Olympics.

On May 8, Mayor Christian gave the opening remarks at the Association of Municipal Administrators of Nova Scotia (AMANS) Conference and attended the morning sessions at White Point Lodge.
On May 9, he accompanied a film production crew around Liverpool.

12.0 Business from Members of Council

12.1 Canada Day Fireworks – Mayor Christian

Moved by Councillor Amirault, seconded by Councillor Fancy:

THAT the Council of Region of Queens Municipality continue with fireworks for Canada Day and investigate other options.

MOTION CARRIED.

Council discussed concerns regarding the impact of fireworks on pets, wildlife, and community members affected by PTSD. A drone show was investigated as an alternative, however, it was determined to be not cost-effective. Council directed staff to investigate the feasibility of soundless fireworks and to seek clarity on the current fireworks by-law.

13.0 Closed Session

At 12:25 p.m., it was moved by Councillor Wentzell and seconded by Councillor

Carver that Council move to the Closed Session of the agenda to discuss one item, 13.1 Property Matter.

MOTION CARRIED.

At 1:05 p.m., it was moved by Councillor Jenkins and seconded by Councillor Roy that Council return to the Open Session of the agenda.

MOTION CARRIED.

15.0 Adjournment

At 1:05 p.m., it was moved by Councillor Carver and seconded by Councillor Roy that Council adjourn.

MOTION CARRIED.

_____
Mayor Scott Christian, Chair

_____
Heather Cook, Acting Municipal Clerk

_____
Kate Wong, Recording Secretary

Date Approved: _____

Increasing Shoreline Climate Resilience: Green Shores Program

Wattle Fences and Riparian Planting, Penhorn Lake
Shore Up Dartmouth – Helping Nature Heal

Mahone Bay Living Shoreline, GSSD NS

TransCoastal Adaptations
Centre for Nature-Based Solutions

Saint Mary's University

GREEN SHORES

TransCoastal Adaptations
Centre for Nature-Based Solutions

Saint Mary's University

cbwes
CB Wetlands & Environmental Specialists

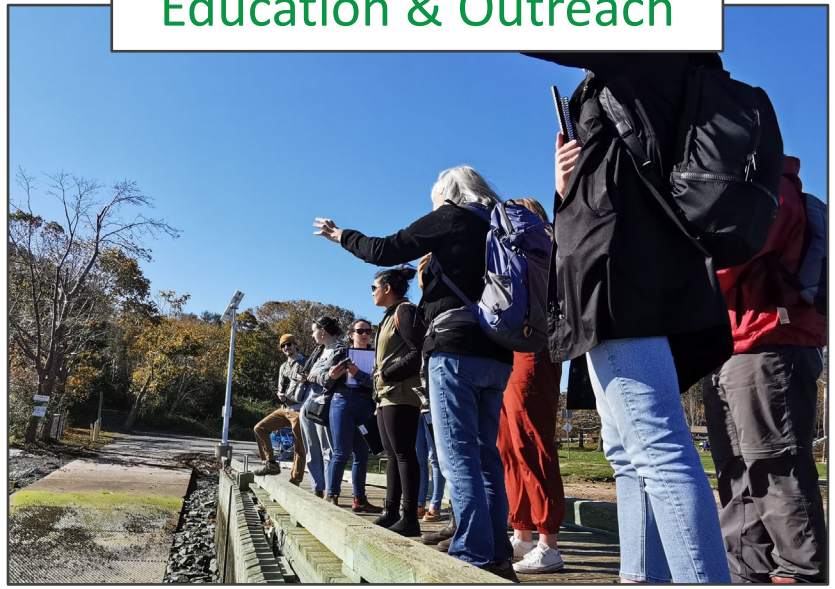
Mission:

To help build climate resilient coastal and lakeshore communities and ecosystems by **protecting, enhancing**, and **restoring** natural processes through **innovative research, collaboration**; **implementing** nature-based adaptation solutions.

www.transcoastaladaptations.ca

Research & Innovation

Education & Outreach



Application

Industry-Academia-NGO-Gov't partnerships provide unique opportunity to merge research with practice & translation to innovation

GREEN SHORES

A program of the

STEWARDSHIP CENTRE FOR BRITISH COLUMBIA

Green Shores® is a solution for both shoreline property owners and managers to address issues such as sea level rise, deteriorating lake health (algae blooms), and climate change adaptation. Green Shores projects promote sustainable and resilient nature-based solutions and provide long-term environmental and societal benefits such as improved water quality, stormwater management, and erosion and flood protection.

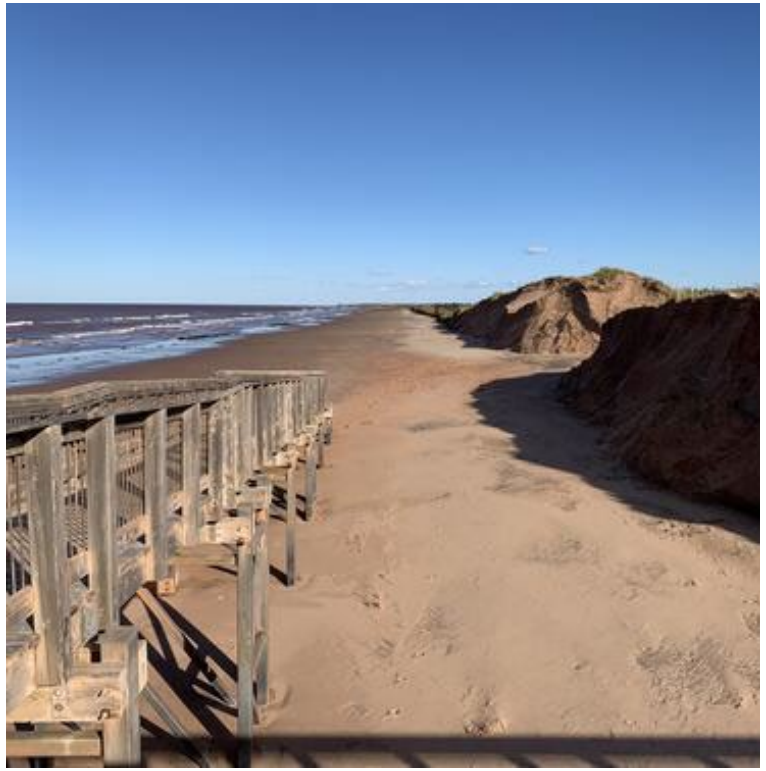
Guiding Principles:

- **Preserve** and **restore** physical processes such as the natural actions of water and sediment movement that maintain healthy shorelines
- **Maintain** or **enhance** habitat function and diversity along the shoreline
- **Prevent** or **reduce** pollutants entering the aquatic environments
- **Avoid** or **reduce** cumulative impacts. Small individual effects add up to large impacts on shoreline environments

Resilience

- Resilience is the ability for ecosystems and communities to return to equilibrium after a major event (i.e. storm)
- Dynamic equilibrium

Brackley Beach, PEI pre-Fiona



Brackley Beach, PEI post-Fiona

Brackley Beach, PEI 1-year post-Fiona

What do Riparian Areas Do?

Key Ecological Functions

1. Trap & Store Sediment

- Sediment adds to and builds soil in riparian areas.
- Sediment aids in the ability of soils to hold and store moisture.
- Sediment can carry contaminants and nutrients - trapping it improves water quality.
- Excess sediment can harm aquatic animals like fish and insects.

2. Build & Maintain Banks & Shorelines

- Erosion is balanced with bank building - the effects of erosion are reduced by adding bank and shore elsewhere.
- Increase stability, resilience and recovery.
- Maintain or restore profile of channel - extends width of riparian area through higher water tables.

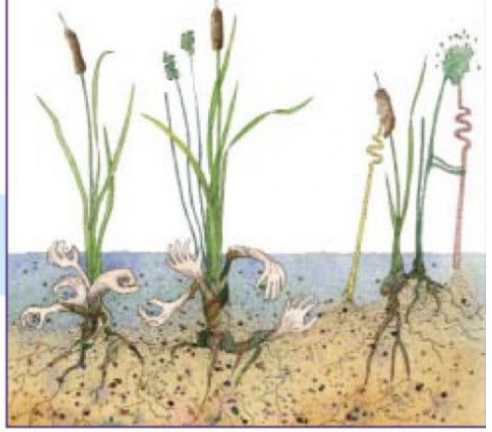
3. Store Water & Energy

- Watershed safety valve - storage of high water on the floodplain during floods.
- Reduce flood damage by slowing water and reducing erosion.
- Slow flood water allowing absorption and storage in underground aquifer.

4. Recharge Aquifers

- Store, hold and slowly release water.
- Maintain surface flows in rivers and streams and levels in lakes and wetlands through storage and slow release.
- Maintain high water table and extend width of productive riparian area.

5. Filter & Buffer Water



- Reduce amount of contaminants, nutrients and pathogens reaching the water.
- Uptake and absorption of nutrients by riparian plants.
- Trap sediment, reduce water quality issues and enhance amount of vegetation to perform filtering and buffering function.

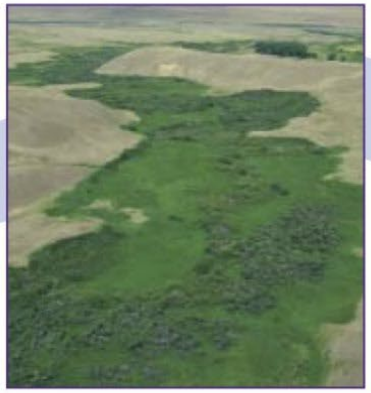
6. Reduce & Dissipate Energy

- Reduce water velocity, which slows erosion and sediment transport.
- Resist erosion and slow channel and shoreline movement.
- Aid in sediment capture.

7. Maintain Biodiversity

- Create and maintain habitats for fish, wildlife, invertebrates and plants.
- Connect other habitats to allow corridors for movement and dispersal.
- Maintain a high number of individuals and species.

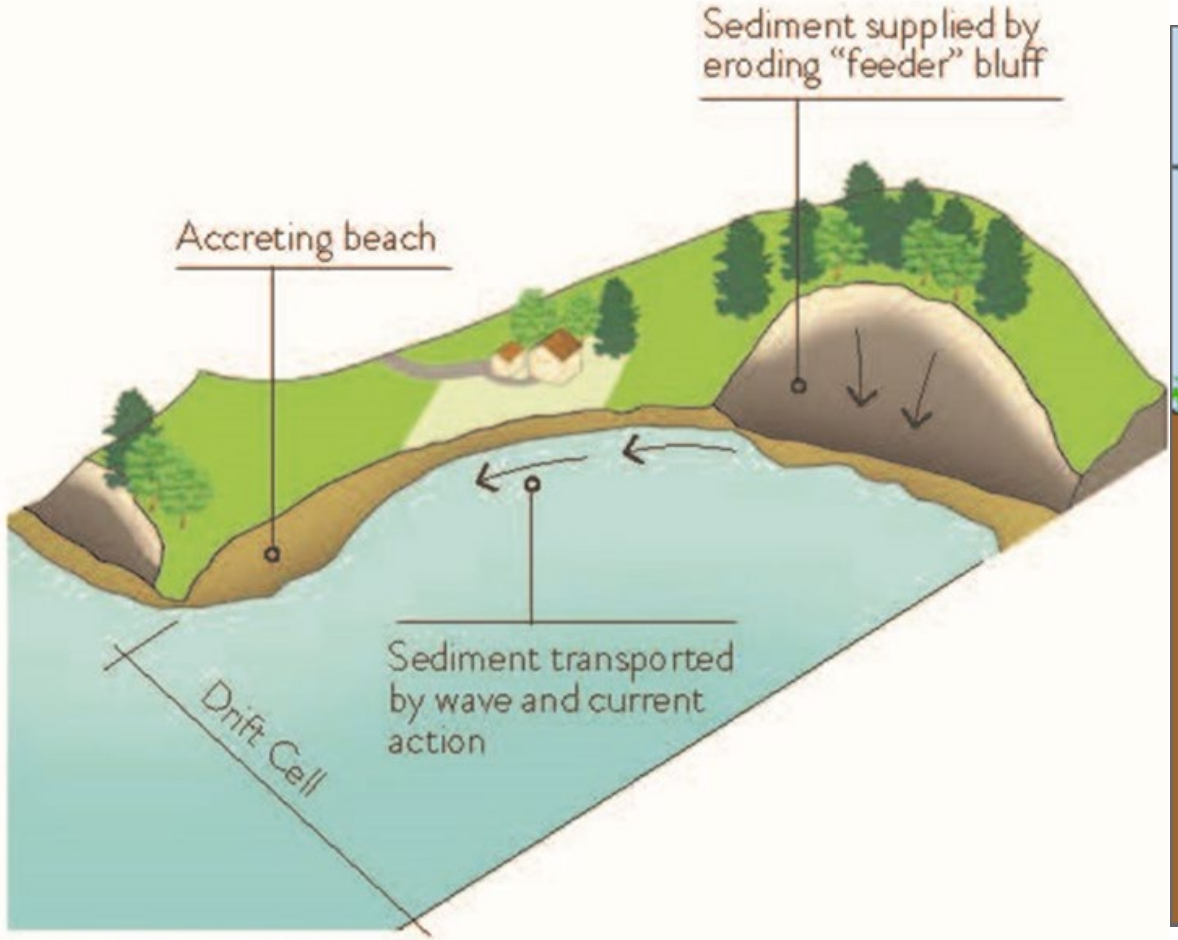
8. Create Primary Productivity



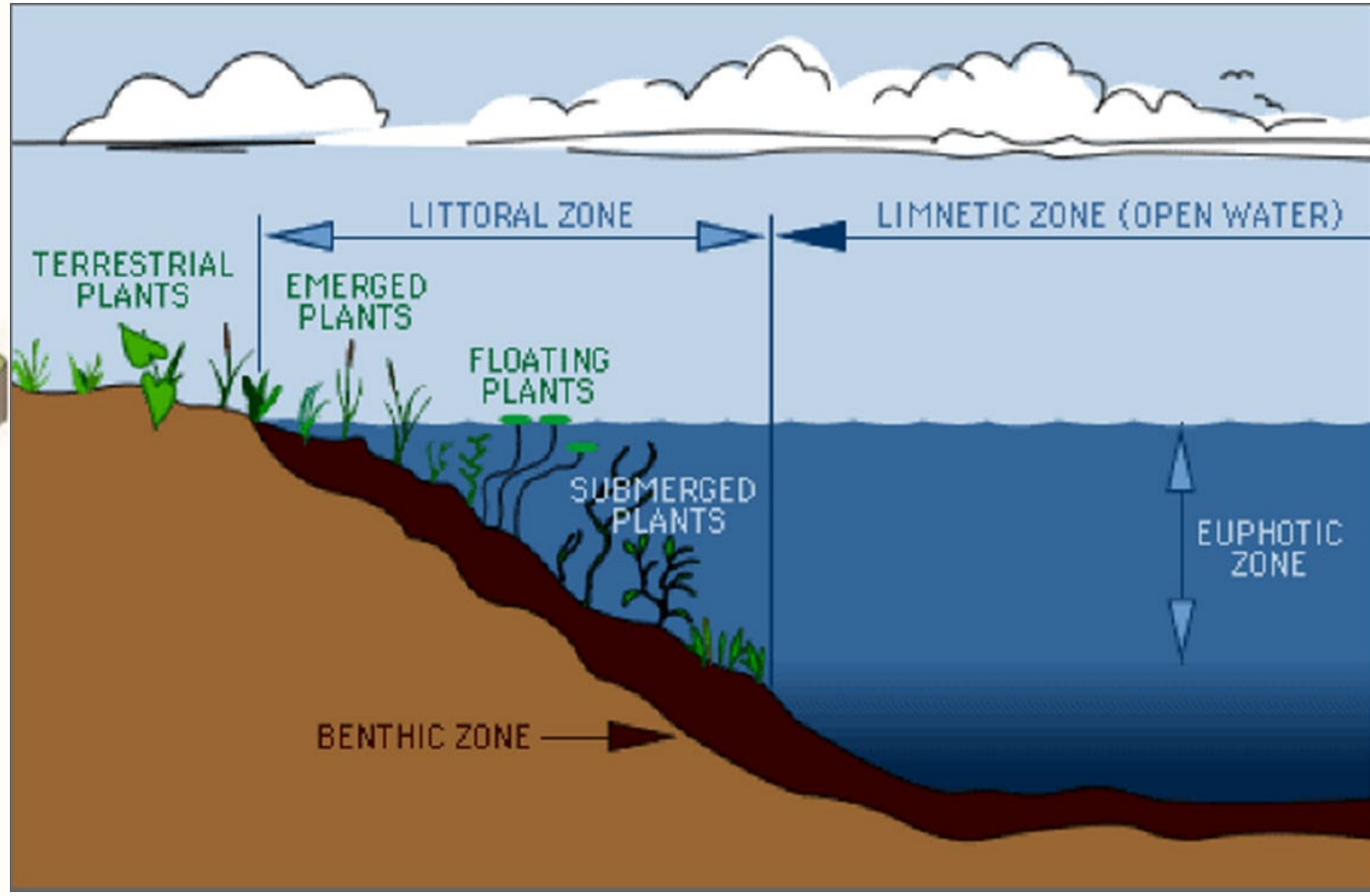
- Vegetation diversity and age-class structure creates links to other riparian functions.
- High shelter and forage values.
- Enhance soil development .
- Capture and recycle nutrients.

These are the basic functions; read on to see how they translate into products, services and benefits.

Cows and Fish Riparian Management Society, 2022



Elements of a drift cell

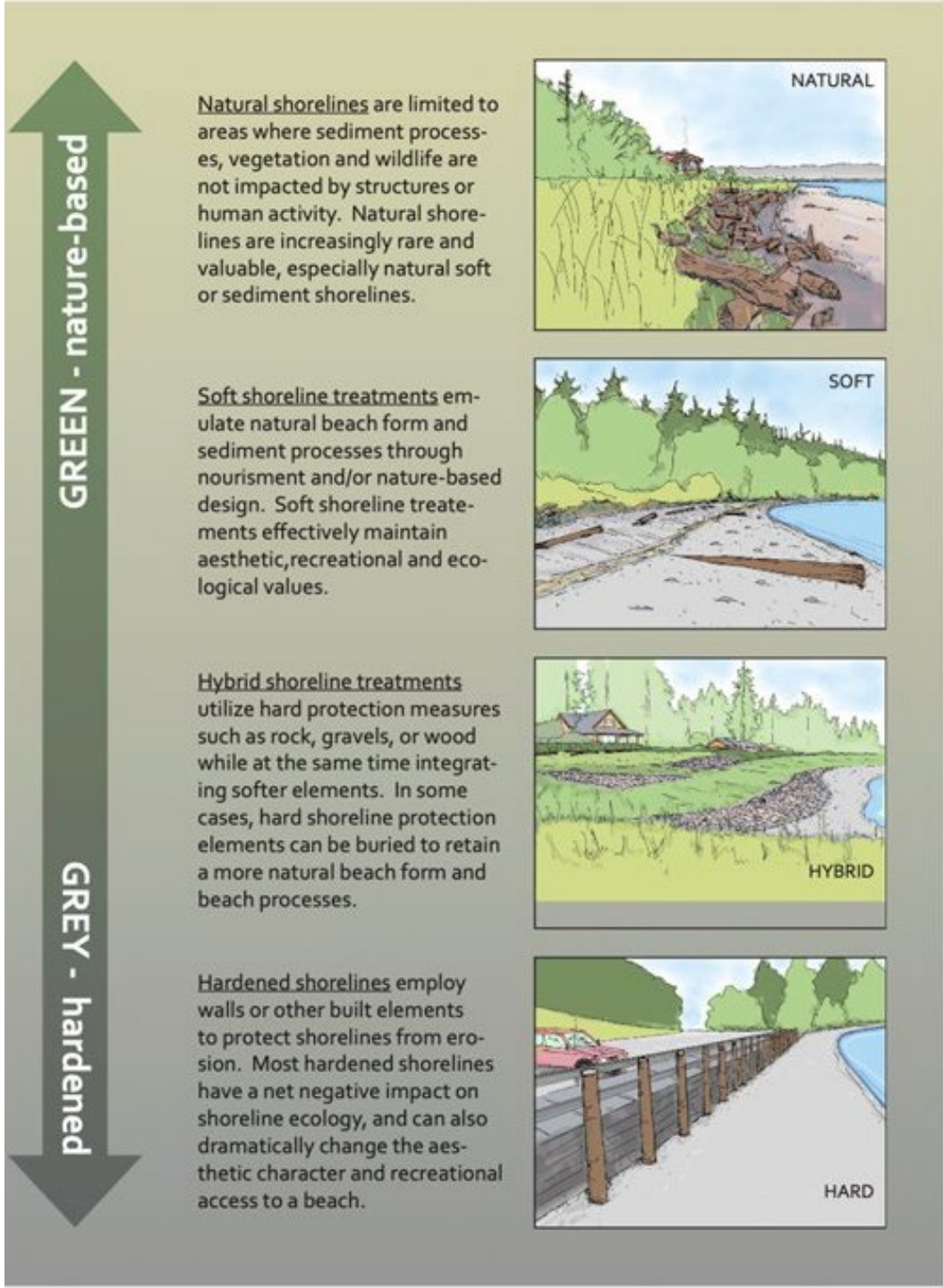


Nature-Based Solutions

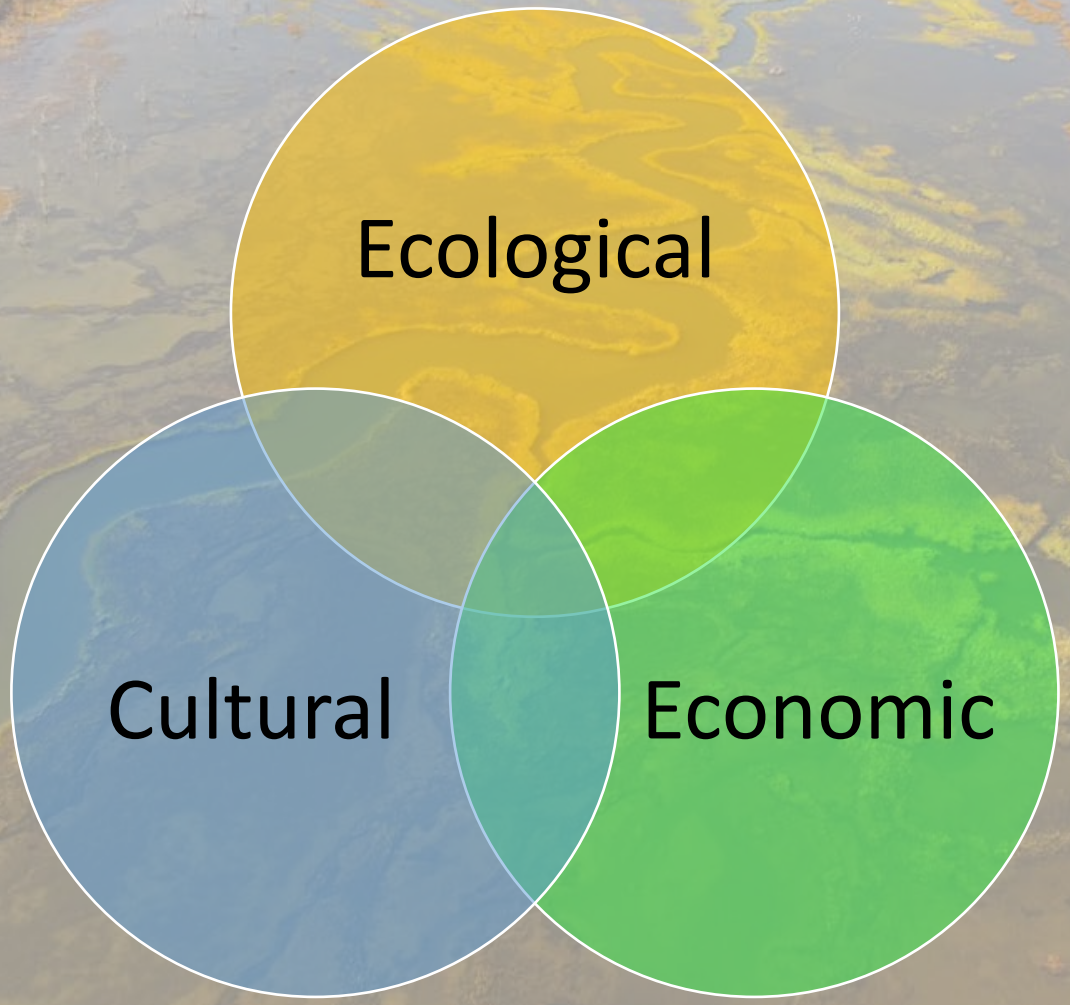
Case Example	Hard Alternative	Soft Alternative
Seawall/Gravel or Sand Beaches	$33,000/m	$10,000-14,000/m
Seawall/Inter-tidal and Sub-Tidal Reefs	$35,000/m	$25,000/m
Standard Dike/Headland Beach System	$8,000/m	$4,000/m

Green Shores alternatives are 30-70% less expensive to design and construct in these case examples

Soft alternatives always provide neutral to enhanced ecological resilience while the hard provides slightly positive to negative ecological resilience



$7:1 net benefit to cost ratio!



Natural Shoreline

- No human infrastructure or disturbance

Soft Shoreline Treatment

- Bank vegetation
- Structural logs
- Bank re-graded

- Living Shoreline approach

Hybrid Shoreline Treatment

- Constructed salt marsh
- Vegetated bank
- Rock sill/breakwater

- Submerged reef ball breakwater

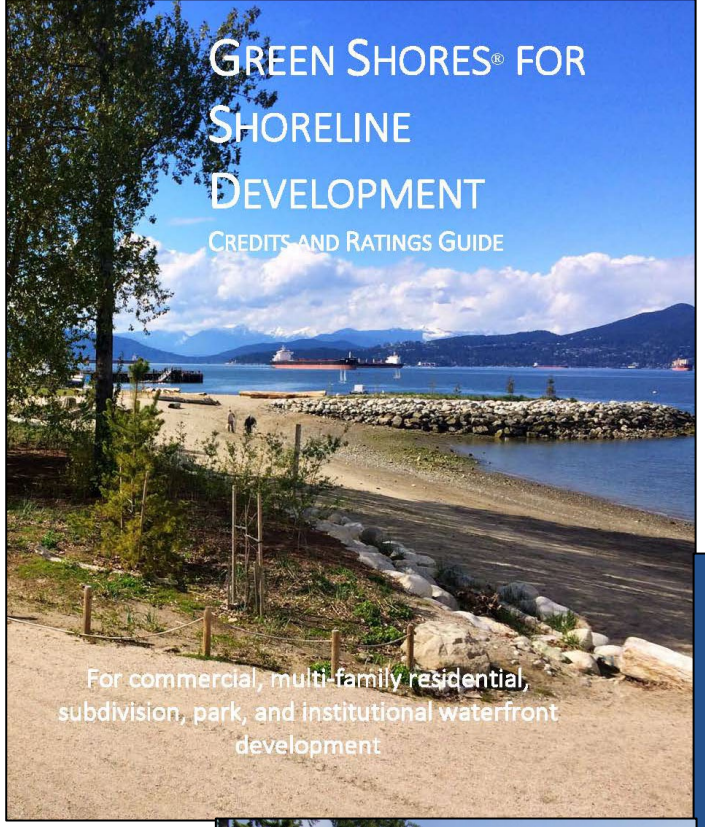
Helping Nature Heal, 2021

Clean Foundation, 2021

Green Shores for Shoreline Development

Applicable to:

- Parks
- Mixed-use residential/commercial
- Institutional shoreline properties
- Marine and lake shorelines

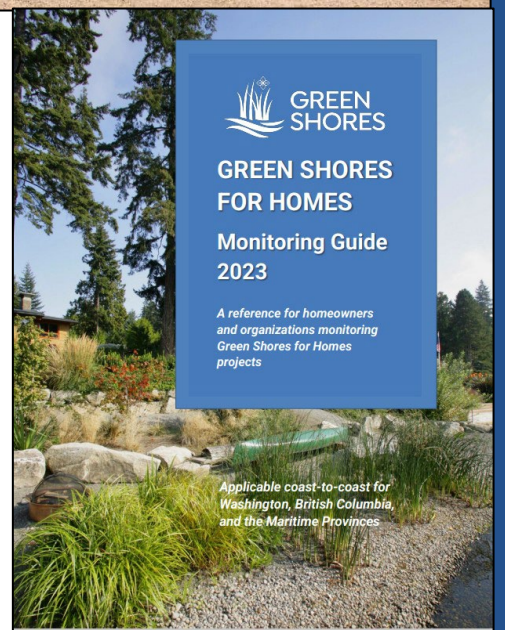


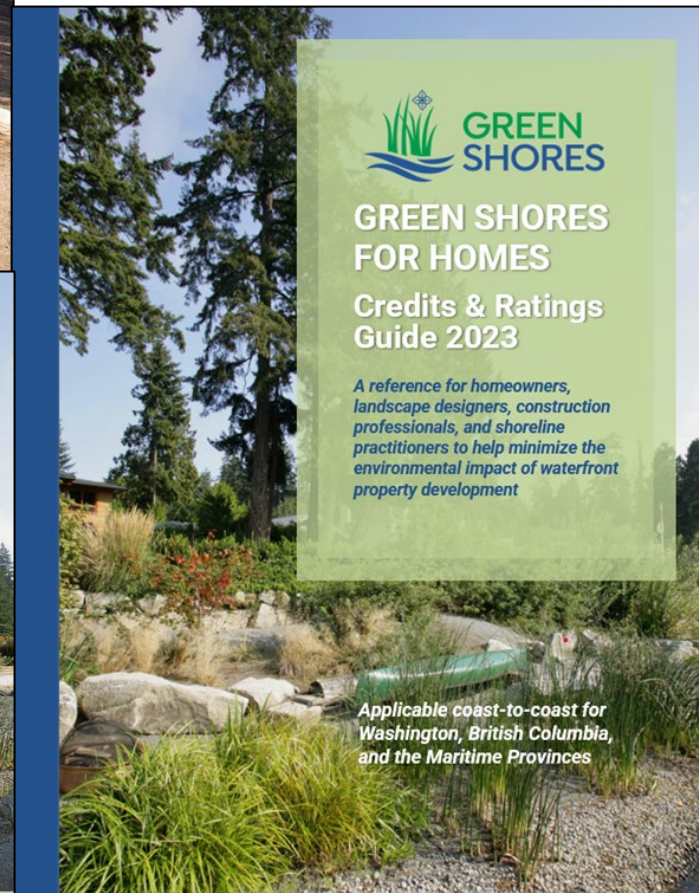
STEWARDSHIP CENTRE
FOR BRITISH COLUMBIA

Green Shores for Homes

Applicable to:

- Residential properties
- Freshwater (lake) and marine shorelines
- Intended to encourage incremental improvements





Lakeshore Resilience

Upcoming Green Shores for Homes Project:
Owl Cove, Molega Lake

- Natural shorelines help maintain the health of the lake by providing critical habitat for symbiotic flora and fauna, absorbing and filtering run-off, shading and cooling shallow areas, and encourages fire resilience as a result of green-belting.

Molega Lake, natural seasonal floodplain (pre-development)

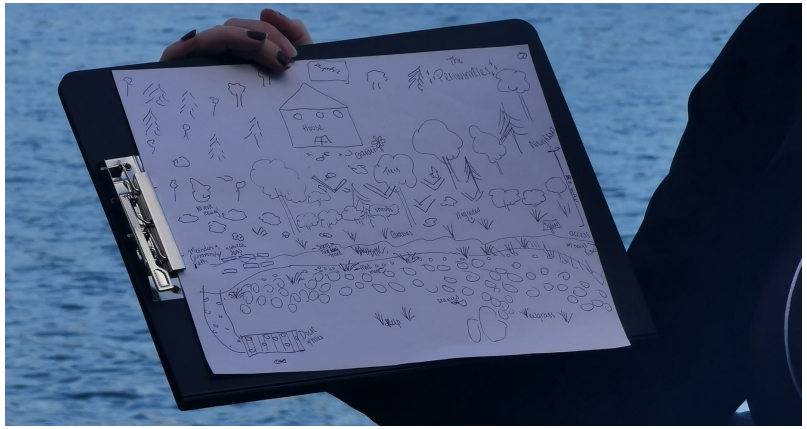
Molega Lake, post-development, depicting vegetation removal and infilling (to be restored 2025)

Green Shores is Science-Based

- Promotes shoreline project design that dissipates wave energy, accommodates storm surge, and lessens flooding.

- Incentivizes habitat restoration and the creation of natural areas, while protecting coastal ecology and sediment transport processes.

- Offers resilient approaches to sea level rise and climate change adaptation



Training – L1 & L2

transcoastaladaptations@smu.ca

Green Shores Local Government Group

- Meet monthly (virtual) to build capacity amongst municipal and provincial government staff across NS
- Support one another in learning, resource and knowledge sharing, brainstorming, and making beneficial changes that will support the implementation of future GS projects
- Guest presentations – opportunity to ask about and share projects
- Yearly in-person meeting; networking opportunity
- First to know about training opportunities

Saint Mary's University

GREEN SHORES

TransCoastal Adaptations
Centre for Nature-Based Solutions

Thank you!

Kelly Umlah

- kelly.umlah@smu.ca
- transcoastaladaptations@smu.ca

Item 6.2

North Queens Community School Track & Field Project

Municipal Council Update: 27 May 2025

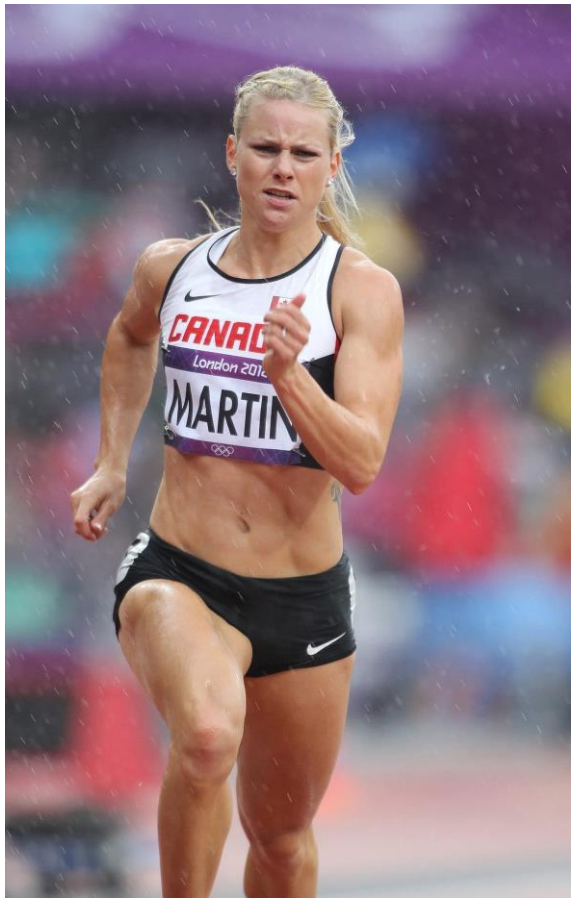
NQ NORTH QUEENS ACTIVE LIVING

NORTH QUEENS COMMUNITY SCHOOL NQCS HOME OF THE SPARTANS

South Shore Regional Centre for Education

Why This Project Matters

- Built in 1984; size was not standard, and no drainage or fencing was incorporated.
- Unsafe for recess or gym; off-limits to students.
- Our community has never had a usable field.
- Athletes must travel over 2 hours to train.



NQCS Track and Field Team trained in Bridgewater in 2024; this project will allow our athletes to train at home.

The Reality Today

- Poor field conditions - poor drainage, uneven ground and compaction.
- Water pools in the field most of the year.
- No fencing: frequent damage from ATVS/trucks.
- Running track and triple jump are uneven and unsafe.
- Outdoor classroom in poor condition.
- The area is unusable for organized sport or recreation.
- Students are unable to play on the field at recess.

IS THE MO
POWERFU
WEAPON

What We're Building

- Option analysis completed in Nov 2024 (support from RQM + CCTH)
- New sod soccer field with proper grading and drainage.
- 325m crushed rock track (safe and durable).
- Perimeter fencing to protect from vehicle damage.
- Accessible track/walking area for all ages including students and community members.
- Additional components including shot put, long jump, triple jump, renewed classroom, Wi'kuom, 100m dash, lighting, bleachers.

Concept plan 325 m track

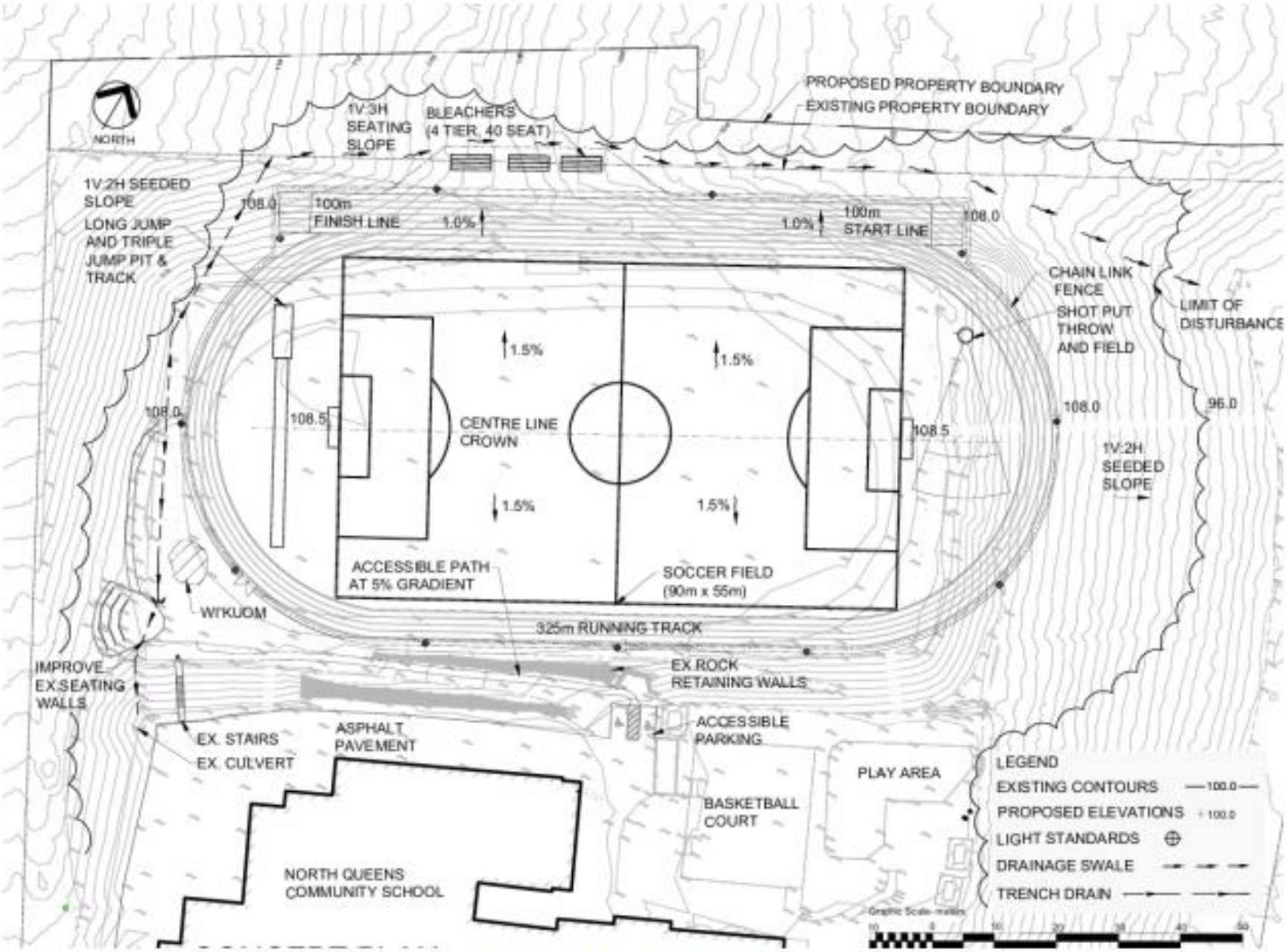


Figure 15: Concept Plan

Momentum

- $800,000 secured from the Province.
- Land donation secured from community member.
- Land use agreement signed with RQM, SSRCE, and NQAL; includes NQAL commitment for field upkeep.
- $250,000 requested from the municipality to close the gap.
- Project is shovel-ready; plan to commence work immediately, seed field by October 2025.

Expense	Amount	Note
Field	$739,759.35	Includes full field prep/construction
Track	$185,423.70	Track including materials and edging
Shot Put	$759.00	Cast in, concrete
Long Jump	$8,007.45	Long/triple jump track and pit
Fence	$72,105.00	Essential, for protecting field
Bleachers, Lighting	$56,925.00	
Outdoor Classroom	$20,872.50	
Wi'kuom	$13,000.00	
Land	$7,000.00	To expand usable field space
Total Expenses	**$1,103,852.00**	

Revenue	Amount	Status/Note
Province	$800,000.00	
RQM CIF	$250,000.00	Requested
Cash donations	$8,852.00	Fundraising
Sponsorships	$10,000.00	Estimate
Other (secured)	$20,000.00	Wi'kuom grant + Land donation
Other (pending)	$15,000.00	In kind contributions
Total Revenue	**$1,103,852.00**	

What this means for RQM

- Supports student health, school programs, and athletics.
- Local access to sports, recreation, and active living for all ages and all community members.
- Promotes physical activity and community connection.
- Contributes to making Queens County a more vibrant, attractive place for new families, residents, and businesses.

PLEASE CONTINUE TO RECYCLE

Regional Chairs Re-Cap

May 2025

C/O PO Box 639, Mahone Bay, NS B0J 2E0
Christine.McClare@ Region 6SWM.ca

Past Committee Meetings

Regional Coordinators	Regional Chairs	Municipal-Provincial Priorities
April 25	March 21	Nothing new

Extended Producer Responsibility EPR) Programs

- EPR for Printed Paper and Packaging (PPP) transition continues. The greatest concern is that recently Circular Materials (CM) has made it clear that non-eligible materials from Industrial, Commercial Institutional (ICI) cannot be co-mingled with eligible residential material in any stages of collection and processing.
- Municipalities have been pushing for and expected to be able to arrange for the continued collection of small ICI along with residential curbside material given that municipalities covered the cost. Processing facilities are unlikely to be able to meet the separation requirements resulting in facilities not being able to accept ICI materials for recycling including those that ICI customers deliver direct to facility.
- Regional Chairs have sent a letter requesting that the regulator (NSECC) and/or the administrator (Divert NS) encourage CM to work with municipalities to find a solution that meets municipal and ICI needs while being able to track the weights and ensure CM meets their regulatory requirements for accountability and performance.
- Without an arrangement for municipalities to continue to collect small ICI along with residential curbside materials, there will be:
    - increased collection costs to municipalities and/or ICI sectors
    - inefficiencies and duplication of services created
    - increased emissions from additional collection vehicles
    - a decline in the level of service that our constituents have come to expect
- As this is a regulatory issue, the regulator or administrator needs to intervene. Chairs sent a letter to NSECC (as did several municipalities) requesting a meeting with the Minister and help to find a way forward. While nothing official has been announced, we hear that movement is underway to all for collection and processing of co-mingled materials.

- Concern has also been expressed that NSECC has not been responding to requests or providing information in an effective or timely manner. Issues unresolved to date are, how Newspapers' fees to be paid, an EPR program for sharps, Dairy Stewardship transition, litter abatement, other EPR programs and the ability to meet with the Minister. Executive Director Matt Seaboyer will pass these concerns up the chain. Sending another letter was discussed, who it should go to and to request a meeting before the Divert AGM on June 26th.
- Region 6 has been preparing a letter that expresses our concerns and supports the requests of others.

Battery Recycling Incentives inquiry

As Region 6 requested Regional Chairs to investigate financial incentives for battery recycling (especially lithium batteries), Call2Recycle was requested to present as they are the Producers Responsibility Organization for residential battery recycling.

They reported that NS is doing well with recycling batteries and has the 4th highest number of collection sites in Canada. They use educational campaigns to increase participation and raise awareness to the safety concerns of lithium batteries.

Any potential financial incentives would require regulatory change. There are pros and cons to the idea of deposit/refund systems and are unlikely unless required.

NEXT Committee Meetings

Regional Coordinators	Regional Chairs	Municipal-Provincial Priorities
June 12	June 27	TBA

Divert NS AGM June 26

Region of Queens Municipality
Staff Report

To: Council

From: Steve Burns,
Community Economic Development Officer

Date: May 27, 2025

Re: Community Investment Fund 2025-2026

Background

The Community Investment Fund (CIF) is entering its 7th year. It was initially approved by Council on November 27, 2019, and amended by Council on January 14, 2020.

Total funding available in the 2025-2026 budget year is $175,000. The deadline for Operational funding under the program closed January 31, 2025, with additional streams of funding such as capital, event & tournament, travel & training available until the fund has been spent.

Details

The funding request below is recommended for approval and was completed within the guidelines of the Operational portion of the Community Investment Fund by the prescribed deadline of January 31,2025.

Organizations are eligible for Operating Investment Funds under three categories:

a) Up to $10,000 annually for organizations that own their own facility or have a long-term lease for such, where the program or services are well established, and are open to all members of the public;

b) Up to $5,000 annually to assist community organizations with financial support to offer year-round programs, or services to residents of Queens County and visitors that highlight and advance the local culture, heritage, sport, recreation, community, or social development in a sustainable and inclusive manner;
c) Up to $1,000 annually to assist community organizations with financial support to offer new or expanded programs, or services seasonally for residents, or to support long-standing programs or services that have been in existence for more than five years.

Below is a summary of today's Operational Investment Fund application:
Queens County Historical Society **Request: $10,000 – Operational**
Queens County Historical Society has requested assistance with operational expenses for the Queens County Museum. Total projected eligible expenses for 2025-2026 are $34,300.00. Required documentation was provided, and the request meets Policy 11 – Community Investment Fund's criteria.

Applicable Legislation

Municipal Government Act (MGA) authorizes Council to expend money under:

Authorized municipal expenditures

65A (1) Subject to subsections (2) to (4), the municipality may only spend money for municipal purposes if:
(a) the expenditure is included in the municipality's operating budget or capital budget or is otherwise authorized by the municipality;
(b) the expenditure is in respect of an emergency under the *Emergency Management Act*; or
(c) the expenditure is legally required to be paid.

(5) In the event of ambiguity in whether or not the municipality has the authority under this or any other Act to spend money or to take any other action, the ambiguity may be resolved so as to include, rather than exclude, powers the municipality had on the day before this Section came into force.

Budget Impacts

This report is seeking approval to expend money from Community Investment Fund budget line. All funding will be distributed as per guidelines set out in Operational Policy 11 – Community Investment Fund.

Recommendation

That the Council of Region of Queens Municipality provide grant funding to the Queens County Historical Society for eligible operating expenses of the Queens County Museum in the amount up to $10,000.00 from the 2025-2026 Community Investment Fund.

Communications

The funding applicant will be notified of a decision following Council. Approved applicants will be included in the 2025-2026 Grant Disclosure per Policy 89.

Region of Queens Municipality
Staff Report

To: Council

From: Steve Burns, Community Economic Development Officer

Date: May 27, 2025

Re: Community Investment Fund 2025-2026

Background

The Community Investment Fund (CIF) is entering its 7th year. It was initially approved by Council on November 27, 2019, and amended by Council on January 14, 2020.

Total funding available in the 2025-2026 budget year is $175,000. The deadline for Operational funding under the program closed January 31, 2025, with additional streams of funding such as capital, event & tournament, travel & training available until the fund has been spent.

Details

The funding request below is recommended for approval and was completed within the guidelines of the Capital portion of the Community Investment Fund.

11,18 Organizations are eligible for Capital Investment Funds under three categories:
a. Up to twenty-five percent (25%) funding of eligible expenses for new capital community infrastructure, to a maximum of $250,000;

b. Up to fifty percent (50%) funding of eligible expenses for alterations or improvements to existing community infrastructure that will prolong the life of the facility at least 10 years or significantly increase usage, to a maximum of $50,000;

c. Up to twenty-five percent (25%) funding of eligible expenses for new capital community infrastructure planning or feasibility studies, to a maximum of $10,000

Below is a summary of today's Capital Investment Fund application:

Pleasant River Community Hall Society Request: $16,763 – Capital
Pleasant River Community Hall Society has requested assistance with Capital project expenses for the hall for the following upgrades to the facility: accessible ramp, small stage and heat pumps. This hall is the center of the community spirit and has a very active following. Total projected eligible expenses for the 2025-2026 Capital project are estimated to be $16,763.00. In-kind contribution is not required regarding this project. Required documentation was provided, and the request meets Policy 11 – Community Investment Fund's criteria.

Applicable Legislation

Municipal Government Act (MGA) authorizes Council to expend money under:

Authorized municipal expenditures

65A (1) Subject to subsections (2) to (4), the municipality may only spend money for municipal purposes if:

(a) the expenditure is included in the municipality's operating budget or capital budget or is otherwise authorized by the municipality;

(b) the expenditure is in respect of an emergency under the *Emergency Management Act*; or

(c) the expenditure is legally required to be paid.

(5) In the event of ambiguity in whether or not the municipality has the authority under this or any other Act to spend money or to take any other action, the ambiguity may be resolved so as to include, rather than exclude, powers the municipality had on the day before this Section came into force.

Budget Impacts

This report is seeking approval to expend money from Community Investment Fund budget line. All funding will be distributed as per guidelines set out in Operational Policy 11 – Community Investment Fund.

Recommendation

That the Council of Region of Queens Municipality provide grant funding to the Pleasant River Community Hall Society for eligible Capital project expenses in the amount up to $8,381.50 from the 2025-2026 Community Investment Fund.

Communications

The funding applicant will be notified of a decision following Council. Approved applicants will be included in the 2025-2026 Grant Disclosure per Policy 89.

Region of Queens Municipality
Staff Report

To: Mayor and Council

From: Steve Burns, Community Economic Development Officer

Date: Council Meeting, May 27, 2025

Re: Community Investment Fund 2025-2026
North Queens Active Living Society

Background

The Community Investment Fund (CIF) is now in its 7th year. It was initially approved by Council on November 27, 2019, and amended by Council on January 14, 2020.

Total funding available in the current 2025-2026 budget year is $175,000. The deadline for Operational funding under the program closed January 31, 2025, with additional streams of funding such as capital, event & tournament, travel & training available until the fund has been spent.

Council may receive requests from applicants to fund larger scale projects within the scope of the Community Investment Fund that could exhaust the current budget, at which time, alternative methods of funding may be considered.

Details

The funding request below is recommended for approval and considered within the guidelines of the Capital stream of the Community Investment Fund.

Excerpt from Policy 11 – Community Investment Fund
11.18 Organizations are eligible for Capital Investment Funds under three categories:
a. Up to twenty-five percent (25%) funding of eligible expenses for new capital community infrastructure, to a maximum of $250,000.

North Queens Active Living Society **Request: $250,000– Capital**
North Queens Active Living Society is requesting funding assistance with project expenses for the North Queens Community School Track & Field Project.
This project is envisioned and led by the Society in co-operation with the South Shore Regional Centre for Education and will provide the community and school with new sports field infrastructure.

The full project cost is currently estimated at $1,103,852.00, exclusive of HST.
Components of the project recommended for municipal support are:

- the natural turf grass soccer field
- the 4 lane X 325M crushed stone running track
  the 6 lane X 100M dash track
- throwing sports elements, including shot put
- the long jump/ triple jump pit, 30M x 2M
- the fence to surround the elements
- multiple sets of bleachers as prescribed
- assistance with field lighting, and the irrigation system
- required elements for accessible & safe access to the field area

Other elements within this project include an outdoor classroom, Wi'kuom and limited land acquisition, which will have alternate means of support. These have been removed from the full project cost stated above.
The project cost for the purposes of this application will be $1,062,980.00, exclusive of HST, still exceeding $1,000,000.00 and therefore remaining eligible for up to $250,000.00 in contribution.

Current costing is supported by means of consultant estimates, not expected to be reduced at any point to under $1,000,000, exclusive of HST and are in advance of any Request for Proposal.

The Request for Proposal phase may only proceed when the proponents are confident that a funding level is reached demonstrating there is an adequate amount of funding dollars available to complete the project.

North Queens Active Living Society has secured $800,000 in project support from the Province of Nova Scotia.

This level of Provincial support coupled with the requested contribution from Region of Queens Municipality, will also allow the Society to initiate a focused fundraising campaign to close any gap remaining in project funding.

Other necessary agreements and processes have been put in place; the Society, Region of Queens and South Shore Regional Centre for Education have agreed to a 10-year land use agreement for this project, and the Regional Centre for Education and the Society have an MOU whereby the SSRCE will oversee, account for and receive funds for this project. Each partner will play a role in the ongoing maintenance of the new asset.

The timeline for this project to begin is tight. Shovels in the ground in June or early July will be necessary to meet the goal for field seeding in late September, early October.

In summary, total projected eligible expenses for this capital project are estimated to be $1,062,980.00, exclusive of HST. Relevant documentation has been provided, and the request meets Policy 11 – Community Investment Fund's criteria.

Applicable Legislation

Municipal Government Act (MGA) authorizes Council to expend money under:

Authorized municipal expenditures

65A (1) Subject to subsections (2) to (4), the municipality may only spend money for municipal purposes if:

(a) the expenditure is included in the municipality's operating budget or capital budget or is otherwise authorized by the municipality;

(b) the expenditure is in respect of an emergency under the *Emergency Management Act*; or

(c) the expenditure is legally required to be paid.

(5) In the event of ambiguity in whether or not the municipality has the authority under this or any other Act to spend money or to take any other action, the ambiguity may be resolved so as to include, rather than exclude, powers the municipality had on the day before this Section came into force.

Budget Impacts

There is no impact on the operating budget. This report recommends funding this project from the accumulated surplus. The distribution of funding in this instance will be scheduled in a subsequent agreement to be provided to the Society.

Recommendation

That the Council of Region of Queens Municipality provide grant funding to the North Queens Active Living Society per eligible capital project expenses as noted in the amount up to $250,000.00 to be funded from the accumulated surplus.

Communications

The funding applicant will be notified of a decision following Council. Approved applicants will be included in the 2025-2026 Grant Disclosure per Policy 89.

Region of Queens Municipality
Staff Report

To: Mayor and Council

From: Elise Johnston, Manager of Capital Projects
Adam Grant, P.Eng., Director of Infrastructure

Date: May 27, 2025

Re: Queens Place Emera Centre Heat Pump Integration

Background

Queens Place Emera Centre uses a composite system to heat the facility including space heating, in-floor heating and ventilation loads. The primary source of heat is recovered from incidental heat energy in the ammonia refrigeration plant which uses two 80-ton compressors and a glycol loop, supported by two oil-fired boilers supplementing, as a secondary source.

The South Queens Outdoor Pool is designed with two heat pumps supplementing the transfer of rejected heat from QPEC to ensure four months of adequate water temperature. These were approved as part of the original project concept and budget. Under the current design, the heat pumps act as a backup for the pool and only provide support as needed. This creates the potential for being on standby during the regular season and completely offline outside of the regular pool season.

Details

During development and design of the pool project, the design team has proposed integrating the heat pumps into the base heat provision of Queens Place. This would involve moving the heat pumps to the rear of Queens Place, near the 'Zamboni' door, integrating them into the heating loop as well as the building's controls system. Utilizing heat pump technology to supplement heat load in Queens Place will reduce demand and reliance on furnace oil.

Despite heating through the ammonia plant, QPEC utilizes a considerable amount of furnace oil to temper the air. Based on the last several years consumption, the boilers used an average of nearly 100,000L per year at a recent cost of over $85,000 with an output of 273 tons of GHG emissions. Operating the heat pumps year-round to accommodate both the pool and Queens Place will increase electrical energy consumption and maintenance expenses but will significantly reduce the facility's oil consumption. A desktop savings report has been provided by a third party (*Appendix A)* that does indicate a cost savings based on limited calculations and investigation. Staff are cautiously sharing this information as it is not detailed and does not include incidental costs of equipment maintenance.

Integrating the heat pumps into QPEC system involves additional mechanical engineering work from the pool design team as well as work from the contracted buildings control system operator.

The province of Nova Scotia is supporting the move away from fossil fuels with millions of dollars in financial incentives to mitigate impacts of climate change. Financial incentives are in place with energy efficient programs, grants and rebates to support this transition as well as the reduced costs of oil purchase.

Budget Impacts

Should Council wish to proceed with integration of the heat pumps, the total expense is anticipated to be less than $100,000 for engineering services and construction costs. Staff will work on accessing alternative funding from grant sources including Efficiency NS rebates to help offset the expense.

Communications

The Manager of Capital Projects will authorize the contractors to proceed.

Recommendation

THAT Council of the Region of Queens Municipality receive the report titled '*Queens Place Emera Centre Heat Pump Integration*' for information;

AND THAT Council of the Region of Queens Municipality approves the unbudgeted expense of up to $100,000 to be funded from accumulated surplus for the integration of heat pumps into Queens Place Emera Center building heating system.

Item 10.4 - Attachment

Heat Pump Savings Report
Queens Place

May 10, 2025

Prepared for Region of Queens

Prepared By: Simplify Energy Consultants Ltd.
10055-106 Street NW, Edmonton, AB T5J 2Y2
Adam@SimplifyEnergy.ca
780-235-5932

Project Number: EA25-018

SIMPLIFY ENERGY
CONSULTANTS

Findings

Simplify Energy Consulting Ltd. (Simplify Energy) was retained by Region of Queens to complete an emissions calculator and energy estimates for various energy retrofits being completed at the Queens Place Emera Centre.

The existing arena heating loop utilizes reject heat recovery from two 80-ton compressors (used for arena refrigeration), with supplemental heating provided by two De Dietrich GT 430 9A (1,820 MBH each) near condensing oil boilers as needed.

An annual average fuel oil consumption of the arena was 98,795 L throughout 2024-2025, consisting of DHW and arena flood water loads, space heating loads, ventilation loads, snow melt loads, and under slab heating loads. The annual average electricity consumption of the arena was 1,892,600 kWh, seen throughout 2017-2021. The ice plant compressors are expected to consume approximately 1,115,000 kWh (60% of total building use), based on baseload electricity consumption seen in June 2020, when it was expected that the ice plant was non-operational, as seen in the figure below.

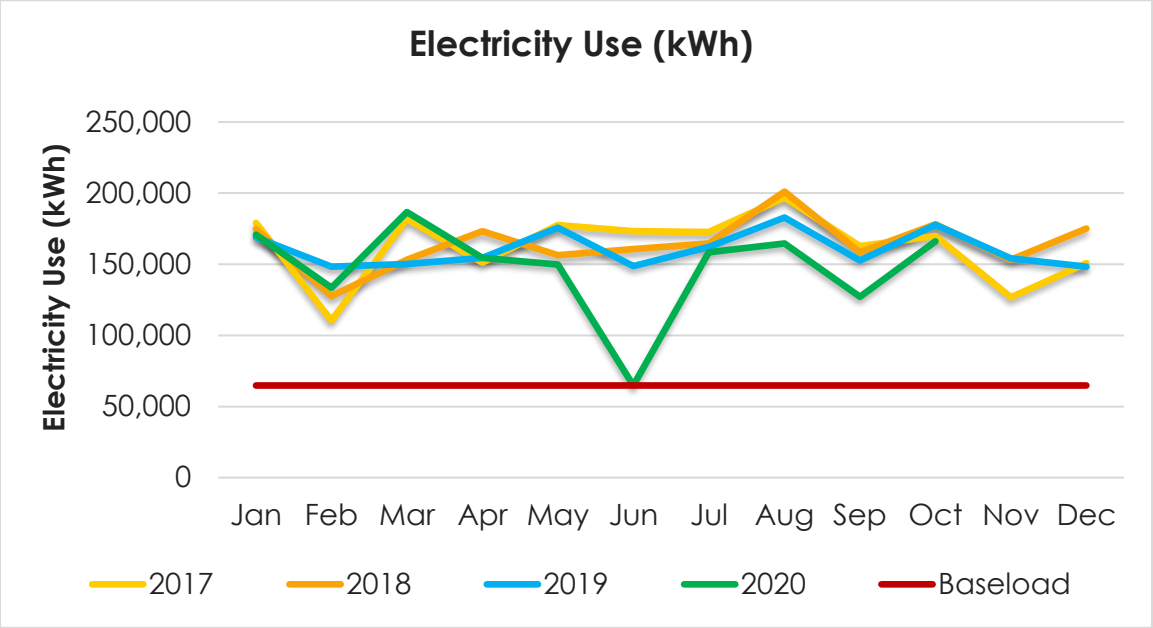


Figure 1: Arena Electricity Use

Heat recovery is provided from the high-pressure compressor discharge and lube oil glycol loop to the central hydronic heating loop. Therefore, the billed oil consumption consists of all stage 2 supplemental heating from oil-fired boilers, after any heat is recovered from the ice plant.

The Queens Place Emera Centre is undergoing a renovation to construct a 6-lane, 25-metre outdoor pool. The pool is currently in design stages and will be heated by two Mitsubishi NX-N-G02-U-0662P (175 kW) air source heat pumps. The design previously considered the pool in isolation of the central arena heating loop, with all pool heating provided by the heat pumps. However, the Municipal District of Queens is considering the integration of the heat pumps into the arena's hydronic loop.

RETScreen Expert Clean Energy Management Software was utilized to estimate the total energy use of the outdoor pool located in the Region of Queens based on the pool characteristics below.

Table 1: Swimming Pool Characteristics

Pool Characteristics	
Pool Surface Area	6,458 ft^2
Pool Water Temperature	24°C
Pool Season	Mid May – Mid Sept

The new air source heat pump operating characteristics are provided in the table below.

Table 2: Proposed Swimming Pool Air Source Heat Pumps Characteristics

Air Source Heat Pump Specifications	
Model	Mitsubishi NX-N-G02-U-0662P
Quantity	2
Peak Heating Capacity	175 kW/ea.
Coefficient of Performance	3.70 kW/kW @22°C 2.30 kW/kW @-5°C
Supply Water Temperature	49°C
Minimum Operating Temperature	-5°C

Two energy retrofit options were simulated, including the:

- **Isolated Pool Heating Heat Pump:** This scenario includes two heat pumps providing dedicated heating to the pool, without any interconnection to the arena's hydronic heating loops. This option considers both heat pumps operating during the summer months to provide for 100% of pool heating requirements, with no use during winter months when the pool is drained and winterized.
- **Integrated Pool Heating Heat Pump:** This scenario includes both heat pumps connected to the arena hydronic heating loop, with the pool heated through a heat exchanger supplied by the arena loop. This option enables "free heating" of the pool during summer months through heat recovery from the ice plant, with any supplemental heating provided by the heat pumps as needed. This option also allows for the heat pumps to provide stage 2 heating to the main hydronic heating loop during winter months, offsetting oil/boiler usage. Finally, this option provides additional redundancy, enabling backup heating to the pool through the oil-fired boilers, if necessary.

As seen below, the isolated heat pump option increases electricity use by an estimated 83,350 kWh per year, increasing annual costs by $18,330 and GHG emissions by 58 tCO2e; compared to the integrated heat pump option which only increases electricity use by 26,680 kWh while decreasing oil consumption by 77,750 L, overall utility costs by $51,691, and overall GHG emissions by 196 tCO2e annually, as seen below.

Table 3: Energy, Cost, and Emission Savings

Descriptions	Isolated Pool Heating Heat Pump	Integrated Pool Heating Heat Pump
Electricity Savings	-83,353 kWh	-26,684 kWh
Electricity Cost Savings	-$18,332	-$22,667
Electricity Emissions Savings	-58 tCO2e	-19 tCO2e
Oil Savings	0 L	77,750 L
Oil Cost Savings	$0	$74,368
Oil Emissions Savings	0 tCO2e	215 tCO2e

The table below summarizes the expected arena consumption, costs, and emissions for each heat pump option. This represents significant savings if the heat pumps are integrated into the main arena heating loop.

Table 4: Annual Arena Energy Consumption, Utility Costs, and GHG Emission Estimates

Descriptions	Existing Arena Operations	Arena with Isolated Pool Heating Heat Pump	Arena with Integrated Pool Heating Heat Pump
Electricity Use	1,892,600 kWh	1,975,953 kWh	1,919,284 kWh
Electricity Cost	$234,373	$252,705	$275,382
Electricity Emissions	1,325 tCO2e	1,383 tCO2e	1,344 tCO2e
Oil Use	98,795 L	98,795 L	21,045 L
Oil Cost	$86,836	$86,836	$12,468
Oil Emissions	273 tCO2e	273 tCO2e	58 tCO2e
Energy savings	-	-3%	27%
Annual Cost Savings	-	-6%	10%
Annual Emission Savings	-	-4%	12%

The following information and values were used to calculate the various metrics, including utility savings rates estimated from Nova Scotia Power for Large Commercial services and existing utility billing data.

Table 5: Utility Cost Savings Rates

Utility Savings Rates	Rates	Source
Electricity Rate	$0.12297/kWh	Nova Scotia Power (Large Rate)[1]
Demand Rate	$13.845/kW/Month	
Oil Rate	$0.96/L	Utility Bills

Emission rates were gathered using information in the most recent Canada National Inventory Report. Emission rates were assumed to be fixed, without any grid green present. If grid greening occurs, high emission savings are expected.

Table 6: Greenhouse Gas Emission Rates

Fuel Type	GHG Emission Factors	Source
Electricity	0.700 kg/kWh	National Inventory Report[2]
Oil	2.762 kg/L	National Inventory Report[3]

[1] Business Rates | Nova Scotia Power
[2] En81-4-2022-3-eng.pdf
[3] publications.gc.ca/collections/collection_2024/eccc/En81-4-2022-2-eng.pdf

Appendix A

A.1 Assessment Limitations

Simplify Energy Consultants Ltd ("the Firm") provides this Swimming Pool Heat Pump Savings report ("the report ") based on the information and data available at the time of this report. Simplify Energy has assumed all information received from Region of Queens (the “Client”) and third parties in the preparation of this report to be correct.

While Simplify Energy has exercised a customary level of judgment or due diligence in the creation of this report, Simplify Energy makes no representations or warranties, express or implied, regarding the accuracy, completeness, or suitability of the recommendations or findings provided in this report. Simplify Energy does not guarantee that implementing the recommendations will achieve the desired results or benefits, and this report should not be construed as a guarantee of energy savings, cost reductions, or performance improvements.

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Region of Queens Municipality
Staff Report

To: Mayor and Council

From: Joanne Veinotte, Director of Finance

Date: May 27, 2025

Re: Tax Bill Payment Extension

Background

At the May 13th meeting, Council passed a motion that set a due date of June 30, 2025 for payment of taxes without interest penalty.

Details

Property tax bills are distributed via Canada Post which is currently experiencing a labor disruption, impeding the timely delivery of these bills. Tax bills have been produced but not mailed. A small percentage (3.6%)of property owners have registered for e-billing and staff have been actively promoting this option over the past month.

Property owners can call the Finance office to request their balance, and pay the bill online, in person at a financial institution, or via Paymentus (credit card) over the phone with office staff (2.5% additional fee).

E-bills will be sent on May 28th. Property owners who sign up for e-billing after this date will have their bill sent out on an individual basis by Finance staff.

Budget Impacts

Budget impact would be interest costs incurred should funds be required from reserves to fund operations due to delayed payment of property tax bills and reduction of interest revenue that would otherwise have been collected in July.

Recommendation

1) **THAT** the Council of Region of Queens Municipality receive the report titled "Tax Bill Payment Extension" for information.

2) **THAT** the Council of Region of Queens Municipality receive the report titled "Tax Bill Payment Extension" for information;
   AND THAT the Council of the Region of Queens Municipality extend the due date to July 31, 2025, for all property taxes, with no interest being charged for any taxes being paid on or before July 31, 2025.

Communications

Communication of Council decision will be posted via social media channels and Region of Queens website.