



reimagine
NANAIMO

2022-Mar-14

GPC

DRAFT CITY PLAN
Green & Connected

1



TOPICS

A Feedback Process

B Draft City Plan Review

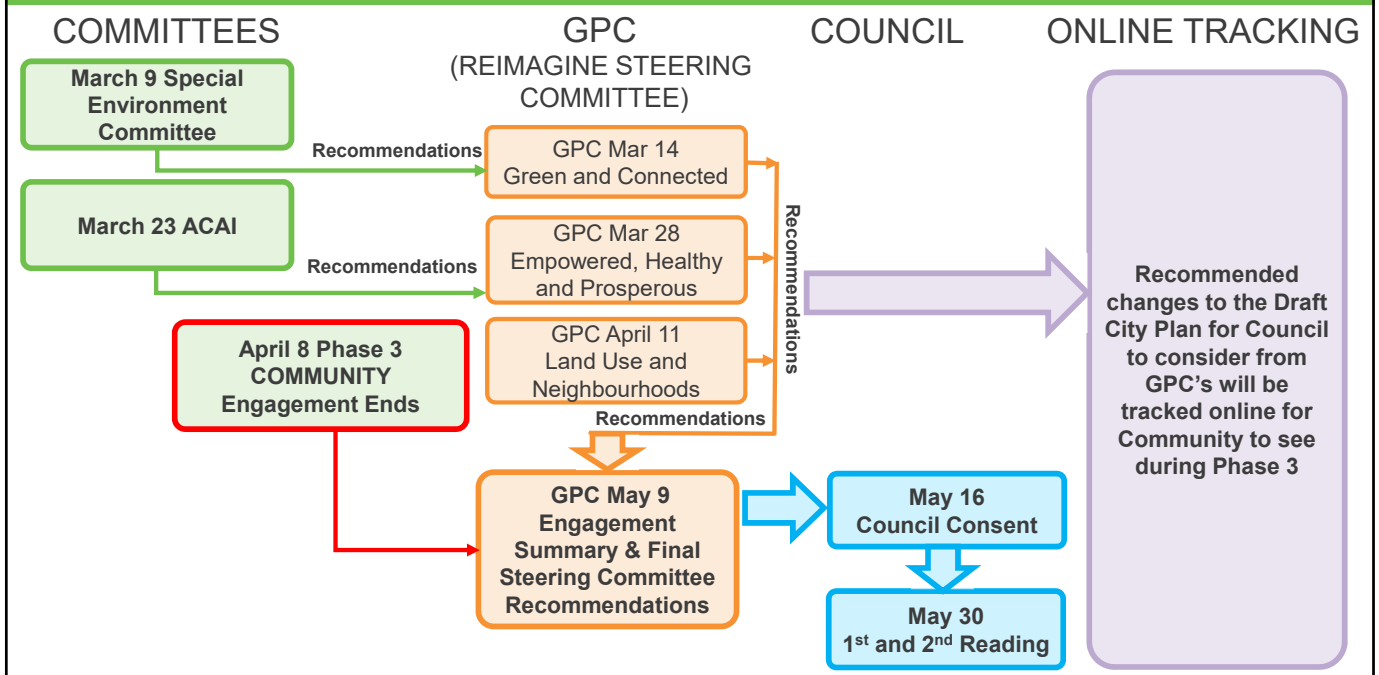
1-Green Nanaimo

2-Connected Nanaimo

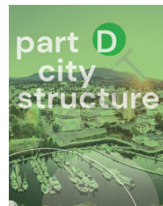
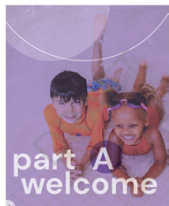
C Action Plan Sample

D Next Steps and Timelines

Phase 3 Draft City Plan Feedback Process



DRAFT CITY PLAN POLICY REVIEW



Goal 1: A Green Nanaimo – Policies



A GREEN NANAIMO: RESILIENT & REGENERATIVE ECOSYSTEMS

01

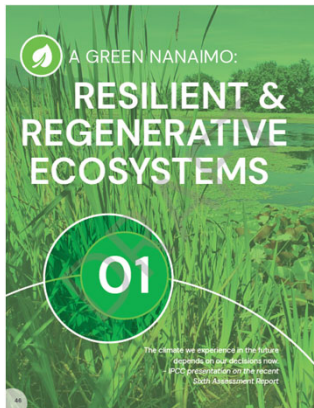
The climate we experienced in the future
depends on our decisions now.
- IPCC presentation on the recent
Sixth Assessment Report

- C1.1 Greenhouse Gas Emissions Reduction
- C1.2 Climate Adaptation & Hazard Management
- C1.3 Urban Tree Canopy, Natural Areas & Greenways
- C1.4 Healthy Watersheds
- C1.5 Water, Sewer, & Stormwater Services
- C1.6 Solid Waste Management
- C1.7 Brownfield Sites
- C1.8 Artificial Lighting & Dark Skies

Goal 1: A Green Nanaimo – Environment Committee Motions



Goal 1- INTRODUCTION (ABOUT A GREEN NANAIMO)



Recommendation from the Environment Committee:

Include the following two elements of language in the start of the Green Policies section:

- Tying the green policies to the goal of staying within the ecological limits as outlined in the city doughnut.
- Connecting services to the 'human needs' inner circle of the doughnut

FEEDBACK/DISCUSSION



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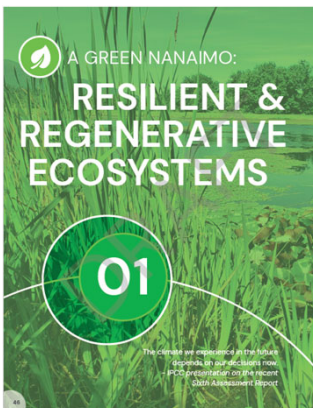
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Goal 1: A Green Nanaimo – Policies



C1.1 GREENHOUSE GAS EMISSIONS REDUCTION



Desired Outcomes

Become a 100% renewable city by 2050 and achieve the City's greenhouse gas emissions reduction goals as part of our commitment to minimizing Nanaimo's climate change impact.

Be a model of efficient use of land and resources to create healthy and comfortable built environments through individual behavior change; zero-carbon and energy efficient buildings, neighbourhoods, and employment centres; and use of renewable energy options.

Policies

OVERALL

- C1.1.1 Leverage Nanaimo's available resources and authority and work with community members, organizations, businesses, and other levels of government to shift away from fossil fuels to 100% renewable energy by 2050 and, by sequestering or removing carbon, reduce Nanaimo's overall community greenhouse gas emissions to below zero by 2050.
- C1.1.2 Set and actively work towards interim targets for greenhouse gas emission reductions for 2030, 2035, and 2040.
- C1.1.3 Monitor progress annually towards targets and review / update greenhouse gas reduction targets every three years to ensure they are in line with the recommendations from the Intergovernmental Panel on Climate Change and reflect actions from Provincial and Federal Governments.¹

BUILDINGS

- C1.1.4 Accelerate zero-carbon and energy efficient building design and practices for all new construction before 2030 and require this for all new construction after 2030.
- C1.1.5 Support the upgrade of existing buildings so that all buildings achieve net zero emissions by 2050.
- C1.1.6 Develop a framework for evaluating the full life cycle of carbon emissions of buildings, including embodied emissions, while retaining heritage character and value for recognized heritage buildings.

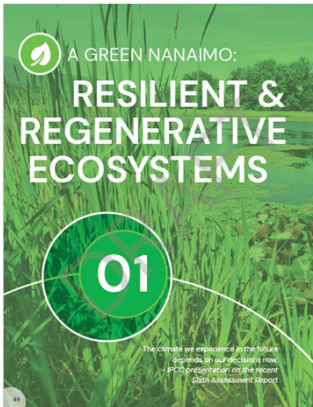
TRANSPORTATION

- C1.1.7 By 2050, all transportation trips are zero-carbon.
- C1.1.8 Prioritize walking, cycling and transit over other transportation modes to help Nanaimo achieve a zero-carbon transportation system.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.1 GREENHOUSE GAS EMISSIONS REDUCTION



Recommendation from the Environment Committee:

Include in the City Plan a policy statement about advocating to the Provincial government for additional power and policy tools to meet cities' climate goals.

FEEDBACK/DISCUSSION



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Goal 1: A Green Nanaimo – Policies



C1.2 CLIMATE ADAPTATION & HAZARD MANAGEMENT

Climate adaptation is critical to lessen the impacts of climate change and ensure our community continues to thrive even as climate change occurs.



Desired Outcomes

Protected and enhanced ecological assets and natural diversity that support resiliency and prepare for a changing climate.

Increased agility in preparing for, responding to, and recovering from climate-related hazards.

Enhanced community awareness, support, and understanding about climate change and adaptation measures.

People and major community assets protected from the impacts of climate change.

Policies

COMMUNICATION & CAPACITY BUILDING

- C1.2.1 Improve community capacity and resilience by increasing awareness of climate change, its expected local impacts, and how individuals, businesses, community groups, and others can contribute to mitigation and adaptation.
- C1.2.2 Support community and neighbourhood organizations that help community members prepare for climate change and other hazards.
- C1.2.3 Encourage and incentivize community members and local businesses to adopt mitigation and adaptation strategies to make homes, businesses, and the local economy resilient to a changing climate.

PLANNING & STRATEGY

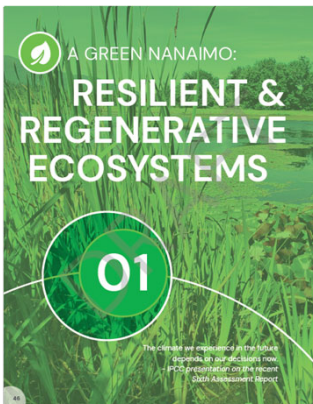
- C1.2.4 Prioritize hazardous lands and properties at risk for consideration in the City's property acquisition strategy. Advocate to the Province for support in acquisition.
- C1.2.5 Apply a climate change resilience lens when assessing, planning, designing, or retrofitting city-owned facilities and infrastructure.
- C1.2.6 Encourage shoreline naturalization to support and protect waterfront properties from flooding risk and landslip while also protecting and restoring habitats.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.2 CLIMATE ADAPTATION & HAZARD MANAGEMENT

Climate adaptation is critical to lessen the impacts of climate change and ensure our community continues to thrive even as climate change occurs.



Recommendations from the Environment Committee:

- Retitle section C1.2 from “Climate Adaptation and Hazard Management” to “Climate Adaptation and Hazard Mitigation”
- Strengthen language for the policy C1.2.2 to communicate “support community and neighbourhood-level organizations that improve capacity and resilience of the community”
- Streamline and clarify policies C1.2.6 to C1.2.8 under Planning and Strategy (page 57-58)

FEEDBACK/DISCUSSION



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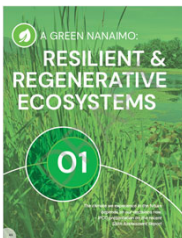
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Goal 1: A Green Nanaimo – Policies



C1.3 URBAN TREE CANOPY, NATURAL AREAS & GREENWAYS



Desired Outcomes

Natural and constructed infrastructure and landscapes that are adapting to climate change, increasing our resiliency, and being sustained through management of trees and absorbent areas on both public and private lands.

Increased number and quality of trees throughout all parts of the city.

Continuation of Nanaimo's treed character and recreational networks through a strongly integrated system of connected parks and trails, open spaces, and habitat corridors.

Improved community understanding of the benefits of tree canopies and green infrastructure.

Policies

URBAN TREE CANOPY

C1.3.1 Endeavour to maintain and expand the city's tree canopy in balance with other desired land use outcomes.

C1.3.2 Consider street tree planting and other climate resilient landscaping in new neighbourhoods and redevelopment sites.

C1.3.3 Promote planting of trees on public and private lands throughout the city.

C1.3.4 Consider ecosystem biodiversity and resilience when replacing or planting new trees in public spaces.

C1.3.5 Encourage private landowners to retain trees that are not a hazard and to replant or plant new trees that support and enhance the treed character of the city.

NATURAL AREAS

C1.3.9 Seek to avoid activities that result in changes to ecological features such as steep slopes, watercourses, riparian areas, significant trees, and environmentally sensitive lands.

C1.3.10 Encourage appropriate restoration where riparian or other environmentally sensitive sites have been altered from natural state historically or by development as a part of redevelopment, targeting net gain of ecological values.

C1.3.11 Maintain existing treed areas and restore tree and vegetative cover on steep slope areas for the purpose of controlling erosion, enhancing ecological services, reducing visual and aesthetic impacts, and protecting the ecosystem.

GREENWAYS

C1.3.16 Work with other agencies and interested community groups to promote and implement potential greenways, including both habitat greenway systems and recreational greenway systems, which may be combined in appropriate locations.

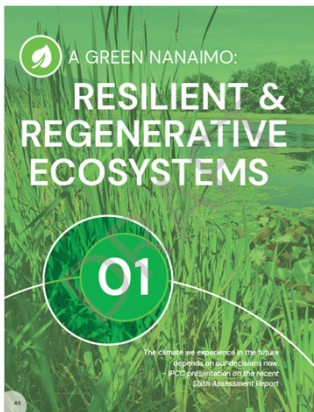
C1.3.17 Continue to create an interconnected greenway network over time, including along lake and ocean waterfronts, watercourses, and slopes.

C1.3.18 Continue to establish greenways to protect and enhance natural habitat, support wildlife, and allow for active transportation routes where environmental setbacks and constraints allow. Support development of trails, viewing points, and rest areas within greenways, sited and installed in an environmentally sensitive manner.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.3 URBAN TREE CANOPY, NATURAL AREAS & GREENWAYS



Recommendations from the Environment Committee:

- Replace “rainwater attenuation” with “surface runoff management” under section C1.3 – Urban Tree Canopy, Natural Areas and Greenways
- Clarify the goal of policy C1.3.1 (page 59) under Urban Tree Canopy, Natural Areas and Greenways
- Add tree planting to existing neighborhoods, not just new and redevelopment sites in policy C1.3.2 (page 59)
- Add consideration of food security in policy C1.3.4, to include food security with ecosystem biodiversity and resiliency when replacing or planting new trees in public spaces

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.3 URBAN TREE CANOPY, NATURAL AREAS & GREENWAYS



Recommendations from the Environment Committee:

- Include a policy in section C1.3 that states that the City will increase, prioritize and include the planting of fruit and nut trees in public spaces where hard infrastructure and safe transportation will not be impacted by falling fruit
- Consider stronger and simpler language to the extent possible on Page 60 under section C1.3

(Note: The comment made in reference to the original C1.3.9 in an earlier version presented to the Environment Committee on 2022-JAN-26 cannot be considered because the original C1.3.9 was removed from the current draft City Plan.)

FEEDBACK/DISCUSSION



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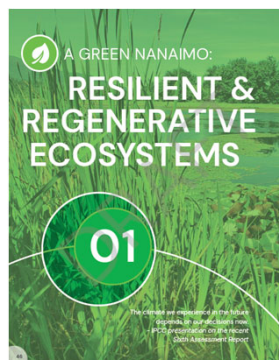
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Goal 1: A Green Nanaimo – Policies



C1.4 HEALTHY WATERSHEDS

In addition to the role of vegetated riparian shoreline areas, ecological function in Nanaimo's streams, lakes, wetlands, and waterfronts is dependent on the quality and quantity of water provided by related watersheds that drain to them.

Desired Outcomes

A significant number and wide array of biologically diverse freshwater and saltwater ecosystems throughout the city that are preserved for future generations.

Restoration of areas that have been impacted by erosion related to past development.

Thoughtful integration of urban development and built and natural systems that protect and enhance the quality of the city's watersheds, even as the city densifies.

Policies

C1.4.1 Review and update City design standards and regulations regularly for public and private development and stormwater and rainwater management systems to be resilient to anticipated climate change, including attention to cumulative flows and water quality at the watershed scale. Objectives include:

- » supporting stream summer base flows and limiting in-stream or bank erosion related to high stormwater flows and volumes, by addressing extent and sizing of rainwater management best practices and detention storage;

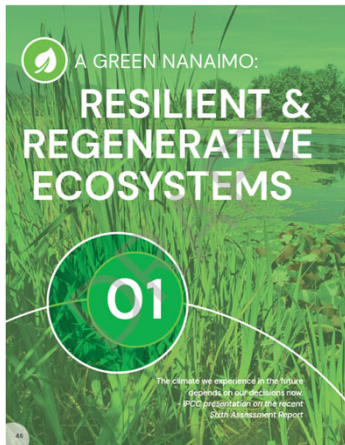
- » maintaining environmental water quality standards by addressing erosion and sediment control and stormwater pollution risks; and
- » managing risks of flooding including overland flow paths and relationships with sea level rise.

C1.4.2 Incorporate best management practices, wherever possible, for new and existing developments to support watershed health, such as pervious paving, rain gardens and bioswales, deep absorbent soils, green / blue roof, rainwater capture or detention systems, or other best practices that evolve.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.4 Healthy Watersheds



Recommendation from the Environment Committee:

Remove 'continue to' in C1.4.3 and C1.4.4 (page 63). The motion carried unanimously.

FEEDBACK/DISCUSSION



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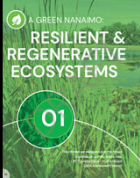
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Goal 1: A Green Nanaimo – Policies



C1.5 WATER, SEWER, & STORMWATER SERVICES

Desired Outcomes

A clean, safe, cost-effective, resilient and sustainable drinking water supply for all customers that supports continued growth while maintaining environmental quality and accounting for climate change impacts.

Continued provision of an efficient sewer system to the urban areas of the city that meets public health and environmental standards and supports thoughtful urban growth.

An affordable, resilient stormwater system that integrates both built infrastructure and natural assets to provide flood protection, support healthy aquatic environments, and meet demands of climate change resiliency.

Sufficient capital and operating funds to ensure long-term financial viability of city services and certainty regarding future development cost charges.

Innovations that support service delivery that is more cost-effective, sustainable, and environmentally friendly developed in partnership with other levels of governments and organizations.

Strongly linked growth and servicing capacity planning so that expansion and upgrades are strategic and efficient.

Policies

OVERALL

C1.5.1 Do not proceed with growth in areas with sewer, water, drainage, or transportation infrastructure capacity restrictions until there is confirmed funding and plans to address capacity shortfalls.

C1.5.2 Investigate and apply current climate science to ensure resilience of infrastructure life-cycle financial planning and sustainable maintenance.

C1.5.3 Coordinate utility infrastructure upgrades with transportation and/or parks improvements to minimize disruption and optimize community investments.

C1.5.4 Make land use, planning, and capital investment decisions with a long-term life cycle asset management perspective for the design, maintenance, and renewal of servicing infrastructure, including natural assets.

C1.5.5 Consider mitigation of air, noise, and light pollution associated with the provision of city infrastructure including parks, buildings, and facilities, where possible.

DRINKING WATER PROVISION

C1.5.6 Continue to participate in planning and monitoring land and water use in the region in conjunction with the other major water users and license holders to ensure the long-term sustainable use and protection of its water source.

C1.5.7 Continue to advance the City's water conservation program.

WATER AND SEWER SERVICES

C1.5.8 Reflect in planning for future expansion and upgrading of water and sewer services:

- priority of servicing of Urban Centres based on their priority designation (see policy D4.3.7);
- priority of servicing land within the UCB, except lands designated low-density residential or resource management; and
- locating new services outside the UCB.

C1.5.9 Support the RDN's Liquid Waste Management Plan (LWMP). The City's sewage collection system will continue to evolve to support the principles, goals, and objectives of the LWMP.

C1.5.10 Continue to explore and implement ways to improve the efficiency of the liquid waste collection and treatment system with the RDN.

STORMWATER MANAGEMENT SERVICES

C1.5.11 Maintain watercourses used for storm drainage in a natural state and daylighted where practical.

C1.5.12 Continue to maintain and update a Stormwater Management Policy, along with subdivision standards and specifications for stormwater management, to support the goals and desired outcomes of City Plan.

SERVICING COSTS

C1.5.19 Endeavour to reflect the land use designations in this Plan in determining the detritals and priorities for use of Development Cost Charges (DCCs) funds in capital project planning.

C1.5.20 Review and update DCCs on a regular and ongoing basis (generally every five years), and involve input from stakeholders and the public.

C1.5.21 Seek to achieve equitable distribution of DCCs between existing and future residents to offset the costs associated with new development.

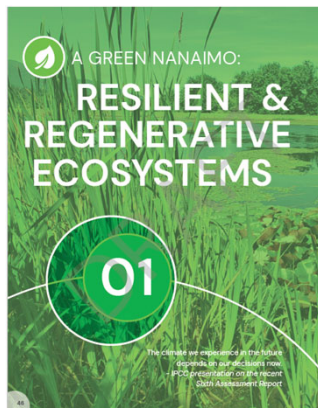
C1.5.22 Consider including comprehensive servicing planning, capital and life-cycle planning, and costing as part of Area Planning processes for Urban Centres (see policy D4.3.8).

C1.5.23 Prioritize servicing investments to align with the development of Urban Centres based on their priority designation (see policy D4.3.7).

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.5 WATER, SEWER, & STORMWATER SERVICES



Recommendations from the Environment Committee:

- Move policy C1.5.3 on Page 65 that states “Coordinate utility infrastructure upgrades with transportation and/or parks improvements to minimize disruption and optimize community investments” to Goal 5 – Prosperous
- Move the section Servicing Costs (page 66) in Green Policies to Goal 5 - Prosperous.

FEEDBACK/DISCUSSION



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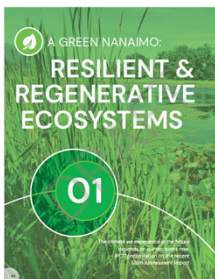
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Goal 1: A Green Nanaimo – Policies



C1.6 SOLID WASTE MANAGEMENT

Solid waste management is a collaborative process. The City is responsible for curb-side compost, garbage, and recycling pickup while the RDN is responsible for solid waste management and disposal, including the Regional Landfill site on Cedar Road. Private sector services also provide recycling drop-off depots and other services. Reduction in solid waste supports preservation of land, reduction of greenhouse gas emissions, and other benefits.

Desired Outcomes

Effective and responsible solid waste, composting, and recycling collection, management, and disposal to meet community needs.

Progress towards zero waste throughout the full life cycle of production, consumption, recycling, and disposal to achieve local and regional waste management goals.

Support for development of circular economies which aim for maximum use of finite resources, transition to renewable resources, and recovery of materials and products that result in minimum waste generation.

Policies

PARTNERSHIPS

C1.6.1 Work with the RDN, Nanaimo residents, businesses, partners, and agencies to accelerate waste reduction and avoidance in support of regional goals.

C1.6.2 Work with appropriate government partners to change existing regulatory barriers that discourage the reuse of materials and promote material exchange networks and the re-engineering of recycled materials.

C1.6.3 Support the RDN's Solid Waste Management Plan.

C1.6.4 Work with similar local governments across the globe to develop and enhance circular economies.

ZERO WASTE

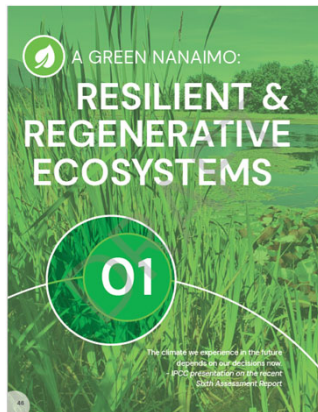
C1.6.5 Support eliminating organic matter sent to the Regional Landfill.

C1.6.6 Increase public awareness to overcome barriers to recycling, reuse, and waste reduction through City outreach programs and community partnerships. Practice the "four R's," providing city residents opportunities to refuse, reduce, reuse, and recycle, as well as to explore redesign, composting, and other practices.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.6 SOLID WASTE MANAGEMENT



Recommendation from the Environment Committee:

Update policy C1.6.5 (page 67) to support eliminating organic matter sent to the regional landfill by 2030

FEEDBACK/DISCUSSION



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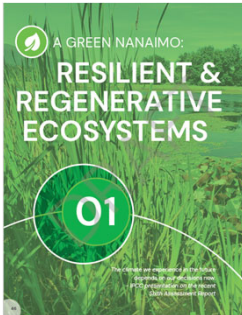
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Goal 1: A Green Nanaimo – Policies



C1.7 BROWNFIELD SITES

Desired Outcomes

Redevelopment of key brownfield sites in Nanaimo, ensuring that the work generates significant triple-bottom line benefits by improving the City's economic, environmental, and social health.

Policies

- | | |
|--|---|
| <p>C1.7.1 Stimulate and leverage private and public sector investment to promote the remediation, rehabilitation, adaptive re-use, and overall improvement of brownfield sites throughout the city.</p> <p>C1.7.2 Increase community awareness of the economic, environmental, and social benefits of brownfield redevelopment.</p> <p>C1.7.3 Leverage financial opportunities from a range of stakeholders.</p> | <p>C1.7.4 Continue to use City resources to demonstrate leadership in the remediation, rehabilitation, adaptive re-use, and overall improvement of brownfield sites throughout the city.</p> <p>C1.7.5 Achieve appropriate permanent redevelopment or interim uses of brownfield sites throughout the city.</p> <p>C1.7.6 Consider risks and public benefit of accepting the property when considering land dedication of potentially contaminated sites.</p> |
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Goal 1: A Green Nanaimo – Environment Committee Motions



C1.7 BROWNFIELD SITES



Recommendation from the Environment Committee:

Edit policy C1.7.2 to increase community awareness of the potential economic, environmental and social benefits of remediated brownfield sites throughout the City.

FEEDBACK/DISCUSSION



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Goal 1: A Green Nanaimo – Policies



C1.8 ARTIFICIAL LIGHTING & DARK SKIES

Desired Outcomes

Recognition of Nanaimo as a Dark Sky Community through public and private initiatives to protect dark sky views.

Effective and smart lighting on public and private lands that protects access to dark sky views while also directing light where it is needed for human safety.

Education of community and organizations of the environmental and quality of life benefits of dark skies and ways to avoid light pollution, increase safety and save energy through lighting design and placement.

Policies

PARTNERSHIPS

C1.8.1 Work with neighbouring governments including Snuneymúxw First Nation, District of Lantzville and the RDN, Nanaimo residents, businesses, partners, and agencies to build awareness and understanding of the benefits of protecting dark skies and support for collaborative strategies and actions.

URBAN LIGHTING

C1.8.2 Continue to balance community safety, energy, and dark sky preservation in the selection and installation of new and upgraded street lighting infrastructure.

C1.8.3 Continue to balance dark sky values with safety principles when building new or retrofitting existing City buildings and facilities.

C1.8.4 Continue to support dark sky principles balanced with safety considerations for new and upgraded buildings and developments.

PARKS, TRAILS, AND NATURAL AREAS

C1.8.5 Work with community and other interested parties to prioritize the designation of suitable City Parks as Dark Sky Parks or Preserves.

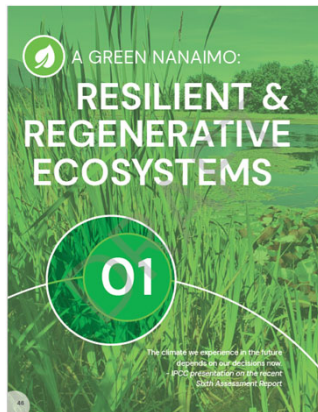
C1.8.6 Recognize Dark Sky spaces as recreational amenities for community members and visitors.

C1.8.7 Work to establish a hierarchy of lighting of trails, parks, and natural areas to provide a range of user options that balance dark sky and community safety.

Goal 1: A Green Nanaimo – Environment Committee Motions



C1.8 ARTIFICIAL LIGHTING & DARK SKIES



Recommendation from the Environment Committee:

Edit policies C1.8.2, C1.8.3 and C1.8.4, within section C1.8 – Artificial Lighting and Dark Skies, to express the City of Nanaimo's intention to optimize dark sky preservation in the design of street lighting, redevelopment of sites and redevelopment of public buildings.

FEEDBACK/DISCUSSION



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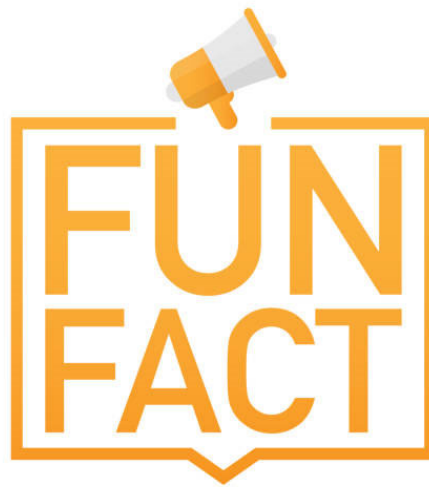


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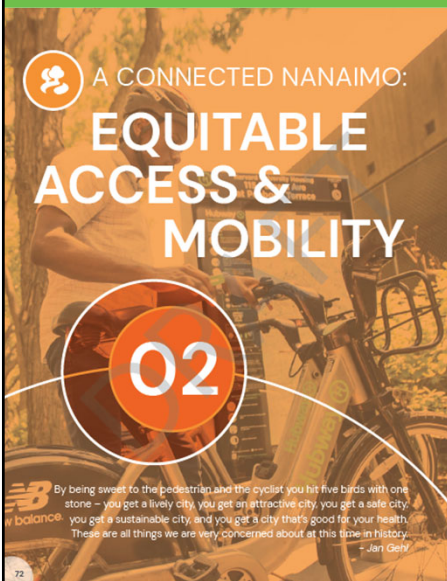
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Goal 2: A Connected Nanaimo Policies



C2.1 Complete Communities

C2.2 Integrated Walk, Roll, Cycle, & Transit Network

C2.3 Recreational Trails

C2.4 Safe Mobility (Vision Zero)

C2.5 Complete Streets

Goal 2: A Connected Nanaimo Policies



A CONNECTED NANAIMO:

EQUITABLE ACCESS & MOBILITY

02

By being sweet to the pedestrian and the cyclist you hit five birds with one stone – you get a lively city, you get an attractive city, you get a safe city, you get a sustainable city, and you get a city that's good for your health. These are all things we are very concerned about at this time in history.

– Jani Gelfo

C2.1 COMPLETE COMMUNITIES

Desired Outcomes

Alignment between land uses and mobility networks with higher density land uses developing in Urban Centres and along Corridors, supporting transit and increasing walkability.

A fine-grained street network that is comfortable and safe for all, especially vulnerable road users.

Behavioural changes including reduction in average distance driven per person per day and reduction in household car ownership that in turn help reduce vehicle emissions and other environmental impacts of transportation as well as congestion.

Policies

COMMUNITY MOVEMENT

- C211 Prioritize walking, rolling, cycling, and transit routes in all Urban Centres (see policy D4.3.20).
- C212 Ensure that new developments and redevelopments incorporate a fine-grained, redundant street network that encourages walking, rolling, and cycling, augmented with active mobility connections via pathways and parks.
- C213 In rezoning, subdivision, and development permit approvals, seek to acquire active mobility and trails routes through road dedication or secured by statutory right-of-way. Dedication as part of park and/or school lands are also accepted.
- C214 Partner with other organizations like the School District and ICBC to identify safe routes for walking, rolling, and cycling and encourage these options.

Goal 2: A Connected Nanaimo Policies



A CONNECTED NANAIMO:

EQUITABLE ACCESS & MOBILITY

02

By being sweet to the pedestrian and the cyclist you hit five birds with one stone – you get a lively city, you get an attractive city, you get a safe city, you get a sustainable city, and you get a city that's good for your health. These are all things we are very concerned about at this time in history.

– Jani Gelfo

C2.2 INTEGRATED WALK, ROLL, CYCLE, & TRANSIT NETWORK

C2.2.23 Support transit priority measures in partnership with BC Transit and the Ministry of Transportation and Infrastructure along Primary Transit Routes where warranted.

C2.2.24 Prioritize transit improvements in Urban Centres, along major transit corridors, at community parks, and other key destinations.

C2.2.25 Support improved transit integration with BC Ferries service at the Departure Bay and Duke Point ferry terminals.

OTHER CONNECTIONS

C2.2.26 Work with neighbouring jurisdictions when planning active mobility connections to support regional connectivity.

C2.2.27 Preserve options for future mobility infrastructure in the E&N Railway Corridor.

C2.2.28 Work with the RDN, BC Transit, BC Ferries, Nanaimo Airport, and other transportation providers to integrate and connect land-based, marine, and air transportation modes and reduce reliance on personal vehicles when connecting between modes.

C2.2.29 Support BC Ferries to maintain the reliability, frequency, and affordability of ferry services to Metro Vancouver.

C2.2.30 Work with BC Ferries to encourage scheduling, fare technologies, and terminal improvements that reduce the impact of ferry traffic on Nanaimo's road network and neighbourhoods.

C2.2.31 Support efforts by the Nanaimo Airport to expand the number of daily flights and destinations served, and to improve flight reliability and passenger facilities.

C2.2.32 Continue to support connectivity to Vancouver via float plane and helicopter, and integrate with multi-modal linkages.

FEEDBACK/DISCUSSION



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QUESTIONS



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CONCERNS



Goal 2: A Connected Nanaimo Policies



C2.3 RECREATIONAL TRAILS

Desired Outcomes

An extensive and accessible trails network that provides opportunities and various types of trails for all ages, abilities, and lifestyles.

Seamless connectivity between the active mobility and recreational trails networks, supporting comprehensive access throughout the city.

High quality trail maintenance that keep trail assets in good conditions through the seasons and over time.

Policies

C2.3.1 Where possible, connect recreational trails to Primary and Secondary Active Mobility Routes to support connected circuits and loops.

C2.3.2 Integrate recreational trails as part of the network that provides safe routes to school, neighbourhood centres, parks, and other destinations.

C2.3.3 Continue to expand the recreational trails network, linking to natural attractions and varied, year-round recreational and wellness opportunities.

C2.3.4 Integrate trail planning efforts to support access, enjoyment, and protection of natural areas, supporting active lifestyles while managing detrimental impacts on waterways, sensitive habitats, tree health, steep slopes, and vegetation (see Section C1.3 Urban Tree Canopy, Natural Areas & Greenways).

C2.3.5 Plan recreational trails and active transportation routes in greenways where appropriate (see City Plan Section D1.3).

C2.3.6 Site and design recreational trails to support multiple objectives including hazard mitigation (e.g., wildfire breaks, sea level rise protection), emergency access routing, and maintenance access.

C2.3.7 Establish good relations and pursue land, trail building, and maintenance partnerships among trail users, mountain bike clubs, volunteers, First Nations, and all levels of government.

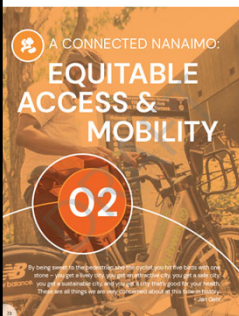
C2.3.8 Encourage and support the involvement of user and community groups in trail stewardship.

C2.3.9 Pursue actions to improve responsibility and reduce conflicts among trail users.

C2.3.10 Close and return redundant recreational trails to a natural state.

C2.3.11 Develop recreational trails to Manual of Engineering Standards (MOES) where applicable, or to current trail standards, while also meeting best practices.

C2.3.12 Design recreational trails to be safe, multi-use corridors and accessible to a wide range of users and abilities with universal access where appropriate and possible.



FEEDBACK/DISCUSSION



I LIKE THIS
DIRECTION



I HAVE SOME
QUESTIONS



I HAVE
CONCERNS



Goal 2: A Connected Nanaimo Policies



A CONNECTED NANAIMO:

EQUITABLE ACCESS & MOBILITY

02

By being sweet to the pedestrian and the cyclist you hit five birds with one stone – you get a lively city, you get an attractive city, you get a safe city, you get a sustainable city, and you get a city that's good for your health. These are all things we are very concerned about at this time in history.

– Jan Gehl

C2.4 SAFE MOBILITY (VISION ZERO)

Desired Outcomes

Elimination of traffic fatalities and serious injuries on the city street network.

Safe, healthy, and equitable mobility for all persons within the city.

Policies

C2.4.1 Adopt a Vision Zero approach to safe mobility.

C2.4.2 Apply Complete Streets road design principles to prioritize safety and comfort for vulnerable road users.

C2.4.3 Apply traffic calming measures and programs to address identified safety and livability issues.

C2.4.4 Prioritize safety improvements based on crash data, traffic volume, speed, and other indicators.

C2.4.5 Use technology to proactively address safety issues within the transportation system.

Goal 2: A Connected Nanaimo Policies



A CONNECTED NANAIMO:

EQUITABLE ACCESS & MOBILITY

02

By being sweet to the pedestrian and the cyclist you hit five birds with one stone – you get a lively city, you get an attractive city, you get a safe city, you get a sustainable city and you get a city that's good for your health. These are all things we are very concerned about at this time in history.

— Jani Gole

C2.5 COMPLETE STREETS

Desired Outcomes

Streets and other mobility infrastructure safely accommodate all persons and modes of travel in an attractive and comfortable setting.

Streets are planned and designed based on their adjacent land use, so that facilities support the level and type of mobility anticipated.

Policies

C2.5.1 Incorporate Complete Street principles in road retrofits and new construction, supported by City standards, guidelines, and best practices.

C2.5.4 Ensure access for all travel modes through the development process, prioritizing walking, cycling, transit, and goods movement.

C2.5.2 In road projects, include improvements to walking, rolling, cycling, transit, goods movement, and streetscapes and support a human-scale environment.

C2.5.5 Maximize the use of the existing road network before building new facilities.

C2.5.3 Encourage future development to implement street-oriented design formats that support vibrant and accessible streetscapes.

C2.5.6 Work with the Ministry of Transportation and Infrastructure to operate and maintain a transportation network that supports the needs of the community and the region and aligns mobility and land use goals.

FEEDBACK/DISCUSSION



I LIKE THIS
DIRECTION



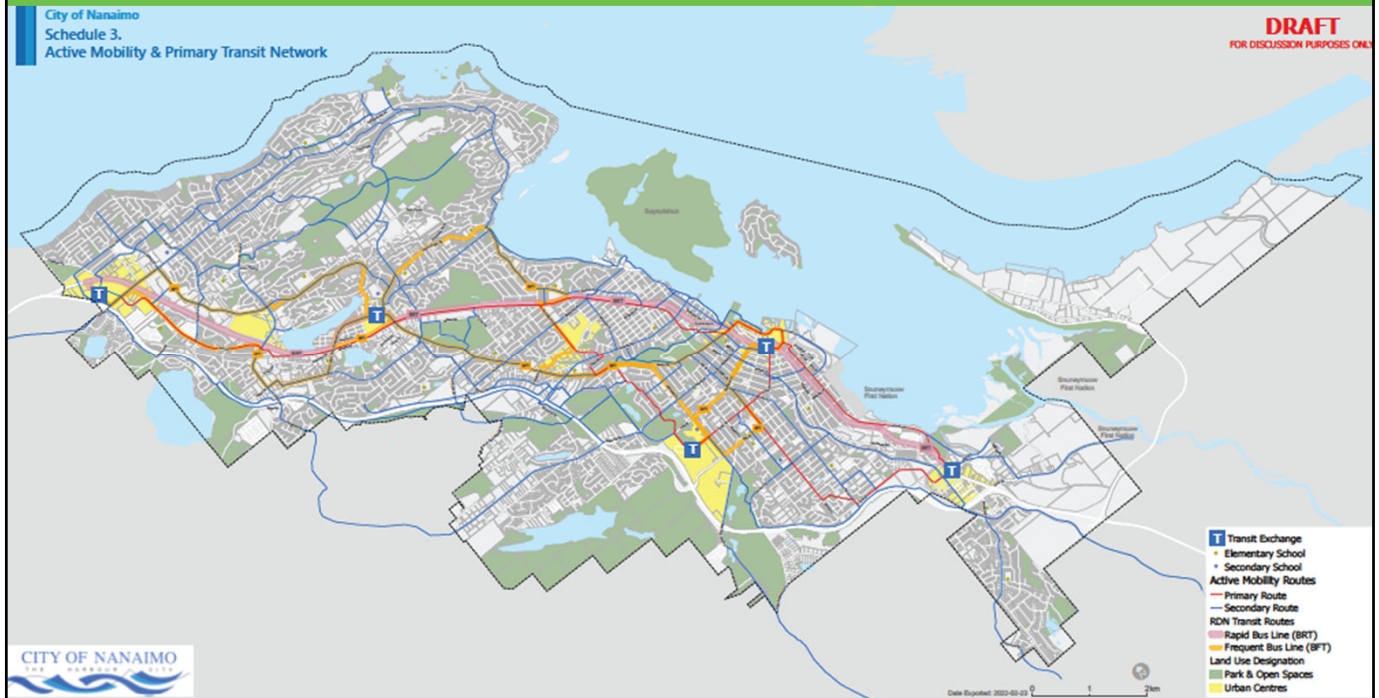
I HAVE SOME
QUESTIONS



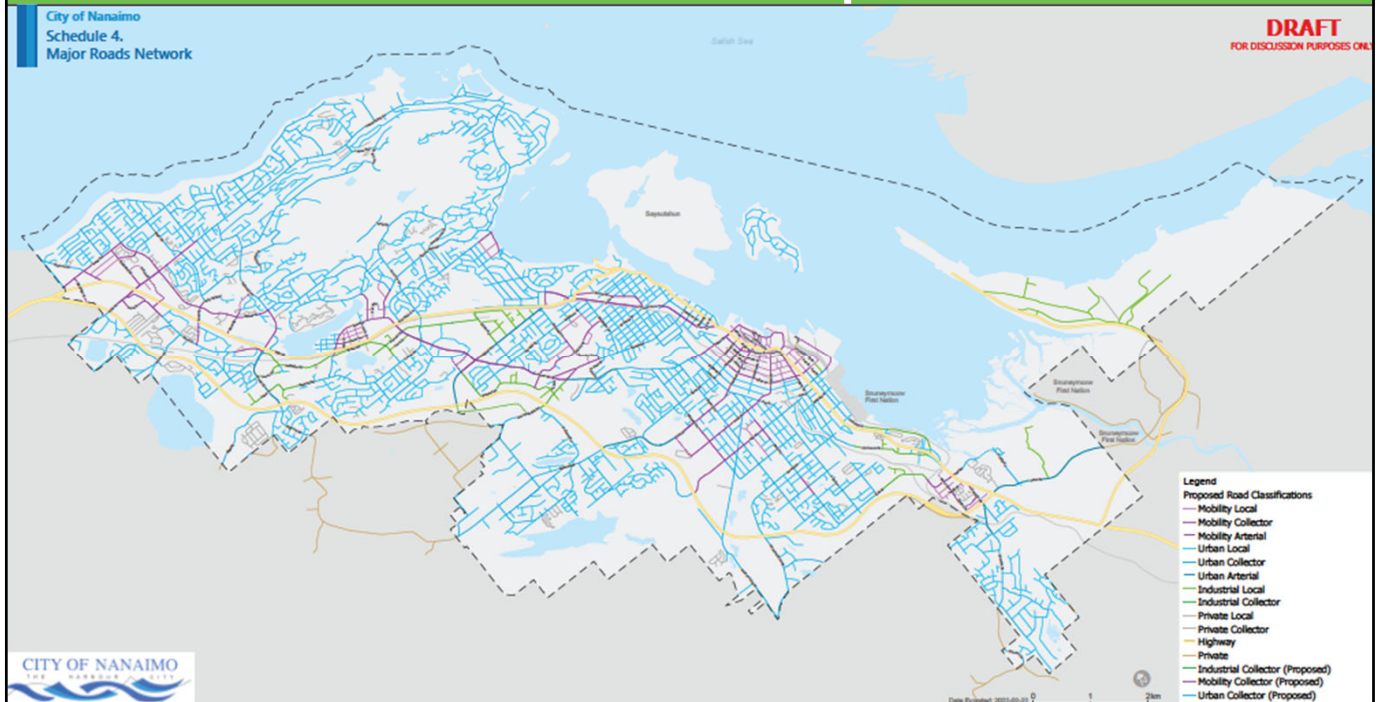
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Goal 2: A Connected Nanaimo Maps



Goal 2: A Connected Nanaimo Maps



FEEDBACK/DISCUSSION



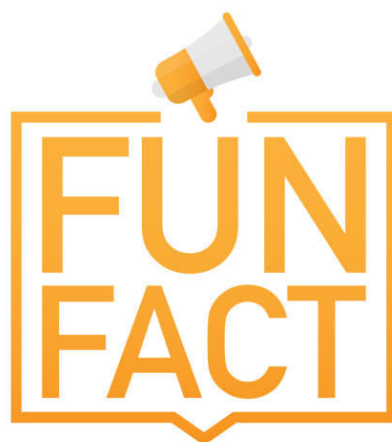
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DIRECTION



I HAVE SOME
QUESTIONS



I HAVE
CONCERNS



ACTION PLAN SAMPLE



F10 WATERFRONT USE & PROTECTION

CITY PLAN

C40 Waterfront & Harbour

SUPPORTING DOCUMENTS

- Waterfront Walkway Implementation Plan

ROLES

WHAT THE CITY DOES

- Secure public waterfront park and trail in marine and freshwater environments
- Manages City-owned waterfront
- Regulates waterfront land use on private lands through Development Permits and obtains public access where possible

WHAT OTHERS DO

- Regulate off-shore activity (senior government)
- Manage port lands including boat basins and water lots (Port of Nanaimo)
- Set regulations to protect riparian areas and fish (senior government)

WATERFRONT USE & PROTECTION AT A GLANCE: AREAS OF FOCUS

Add more ways for experience Nanaimo's amazing waterfront.



Build our reputation as a waterfront destination.



Prepare our waterfronts for a changing climate.



Why? Waterfront is one of the aspects people love most about Nanaimo. Continuing to add access reinforces our waterfront identity. Participants in REIMAGINE NANAIMO engagement ranked "Beautiful Waterfront" second as what people love most about Nanaimo.

How we plan to do this:

- Continue extending the Waterfront Walkway
- Prioritize new waterfront park in future development, including Port Drive and Assembly Wharf areas
- Prioritize park additions around lakes and along stream corridors
- Continue enhancing waterfront experiences through improvements to beach areas, boat launching, fishing opportunities, amenities, and more
- Protect and enhance public views to the water

Why? While locals know and love our waterfront, Nanaimo's identity as a vibrant waterfront community is not yet as well-known on the world stage.

How we plan to do this:

- Continue featuring Nanaimo's waterfront in our tourism initiatives
- Encourage our waterfront community events to return and grow
- Support a future foot passenger ferry between Nanaimo and Vancouver
- Expand recreation programs for waterfront activities like kayaking and fishing

Why? Our treasured waterfront assets are at risk for flooding related to sea level rise and extreme weather events.

How we plan to do this:

- Build sea level rise recommendations into future waterfront improvements
- Improve urban rainwater management to reduce potential for damaging floods to our natural watercourses
- Selectively focus public access away from vulnerable natural areas to protect them

ACTION PLAN SAMPLE



WATERFRONT USE & PROTECTION PROGRAM ACTIONS

IMMEDIATE 0-5 YEARS

Ref.	Program	Connected Actions
F10.1	Brand the Waterfront Walkway with a unique name and graphic identity.	- F5 Culture - G5 Place Making & Investment Attraction
F10.2	Provide information in waterfront parks about environmentally sensitive areas and habitats and how to support their protection.	C3 Urban Forest, Natural Areas & Greenways
F10.3	Conduct a review of all existing beach access right-of-ways and create a prioritized list for potential upgrades and amenities to improve public waterfront access.	

ONGOING REGULAR & REPEATED ACTIVITIES

Ref.	Program	Connected Actions
F10.4	Seek opportunities to create water view trails to connect park and waterfront features including beaches and upland ridges where possible.	
F10.5	Develop, in co-operation with the District of Lantzville, a design and implementation plan to increase public access for both Nanaimo and Lantzville residents to the beaches of Eagle Point.	

FUTURE BEYOND 5 YEARS

Ref.	Program	Connected Actions
F10.6	Monitor underwater ecological health of dive sites and foreshore accessed from parks (e.g. Neck Point and Departure Bay).	
F10.7	Work with the Nanaimo Port Authority to support redevelopment of properties along Stewart Avenue (Newcastle Channel) to encourage the development of the Waterfront Walkway and investment in new marinas, office, and tourism development.	- G5 Place Making & Investment Attraction - G5 Tourism

ACTION PLAN SAMPLE



WATERFRONT USE & PROTECTION PROJECT ACTIONS

Refer to page X for locations on a map.

IMMEDIATE 0-5 YEARS

Ref	Project	Connected Actions
F10.8	Waterfront Walkway Development Carry out the Waterfront Walkway Implementation Plan Sections 1-6, starting with Section 1.	• G5 Place Making & Investment Attraction • G6 Tourism
F10.9	Fishing Fleet Upgrades Install user comforts and fish line recycle stations at existing Fishing Fleets and recreational water access points, including Oliver Lake, Westwood Lake, Loudon Park and Colliery Dam.	• G3 Food Security • G9 Parkland Management

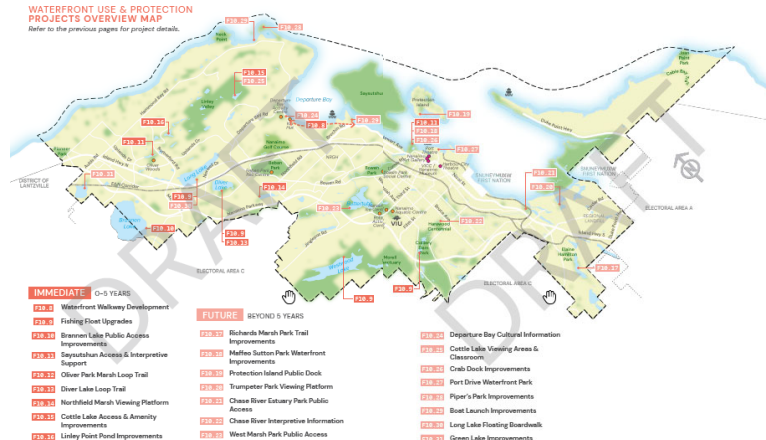
WATERFRONT USE & PROTECTION PROJECT ACTIONS - CONTINUED

FUTURE BEYOND 5 YEARS

Ref	Project	Connected Actions
F10.17	Richards Marsh Park Trail Improvements Extend the boardwalk and trail loop at Richards Marsh Park in accordance with recommendations from the feasibility studies and with consideration for programming and gathering opportunities in key locations.	• S3 Recreational Trails
F10.18	Maffeo Sutton Park Waterfront Improvements Implement waterfront-specific recommendations from the Maffeo Sutton Park Improvement Plan including: • habitat quality improvements along the Milnesee River and estuary • addition of locations that allow physical access to the water (for car-top vessels, fishing and improved beach access) trail • beach, kayak launch, and accessibility enhancements of the beach at the mouth of the Queen Elizabeth Promenade	• F9 Parkland Management • G5 Place Making & Investment Attraction
F10.19	Protection Island Public Dock Work with residents of Protection Island and the Nanaimo Port Authority to establish a public dock.	
F10.20	Trumpeter Park Viewing Platform Construct a viewing platform and interpretive overlook at Trumpeter Park.	
F10.21	Chase River Estuary Park Public Access Explore options for further sustainable public estuary access at Chase River Estuary Park.	• C3 Urban Forest, Natural Areas & Greenways
F10.22	Chase River Interpretive Information Develop interpretive information about the Chase River at Hemlock Central Park and the new trail extension at John Berby school.	• C3 Urban Forest, Natural Areas & Greenways
F10.23	West Marsh Park Public Access Develop public access, waterfront locations at West Marsh Park to optimize active transportation routes and build in visual access and interpretation areas.	• E2 Integrated Walk, Cycle & Transit Network
F10.24	Departure Bay Cultural Information Continue to work with Skunayme First Nation to strengthen cultural information and access along the Departure Bay-Kin Park walkway.	• F1 Truth & Reconciliation • F5 Culture

WATERFRONT USE & PROTECTION PROJECTS OVERVIEW MAP

Refer to the previous pages for project details.



Phase 3 Council Timeline



Feb
2022

Special GPC Feb 28
Phase 3 Draft City Plan

Council Feb 28
Phase 3 Launch

Informal Referrals
Feb 28-April 8

Mar
2022

GPC Mar 14
Green and Connected

GPC Mar 28
Empowered, Healthy and Prosperous

Apr
2022

April 8 Phase 3
Engagement Ends

GPC April 11
Land Use and Neighbourhoods

May
2022

GPC May 9
Engagement Summary

May 9-20
Prepare Bylaw

Council May 30
1st & 2nd Reading

May 30-June 23
Formal Referrals

June
2022

June 23
Special Public Hearing

July
2022

Council July 4
3rd & 4th Reading/Adoption

Winter 2022

Endorsement
Draft Actions and Implementation Plans

50



Hay cep q'a Siem