



AGENDA FOR THE REGULAR MEETING OF COUNCIL HELD IN THE COUNCIL CHAMBER AND ELECTRONICALLY (HYBRID) FROM CITY HALL, 141 WEST 14TH STREET, NORTH VANCOUVER, BC, ON MONDAY, MARCH 6, 2023 AT 6:00 PM

“Live” Broadcast via City Website www.cnv.org/LiveStreaming
Complete Agenda Package available at www.cnv.org/CouncilMeetings

The City of North Vancouver acknowledges that this Council meeting is held on the traditional territories of the Squamish and Tsleil-Waututh Nations.

CALL TO ORDER

APPROVAL OF AGENDA

1. Regular Council Meeting Agenda, March 6, 2023

ADOPTION OF MINUTES

2. Regular Council Meeting Minutes, February 27, 2023

PROCLAMATIONS

International Women’s Day – March 8, 2023

Nowruz – March 20, 2023

World Down Syndrome Day – March 21, 2023

PUBLIC INPUT PERIOD

CONSENT AGENDA

Item *3 is listed in the Consent Agenda for consideration.

CORRESPONDENCE

- *3. Board in Brief – Metro Vancouver Regional District, February 24, 2023

REPORTS

4. Homes that Meet Today’s Climate Context Notice of Motion Update – Research Project with Vancouver Coastal Health and Metro Vancouver
5. Authorization for Staff to Negotiate Statutory Rights of Way for City Benefit and Public Utilities for the North Shore Neighbourhood House Lands

BYLAW – FIRST, SECOND AND THIRD READINGS

6. “Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment)

REPORT

7. 2023 Early Appropriations

PUBLIC CLARIFICATION PERIOD

COUNCIL INQUIRIES / REPORTS

NEW ITEMS OF BUSINESS

NOTICE OF MOTION

ADJOURN

CALL TO ORDER

APPROVAL OF AGENDA

1. Regular Council Meeting Agenda, March 6, 2023

ADOPTION OF MINUTES

2. Regular Council Meeting Minutes, February 27, 2023

PROCLAMATIONS

International Women's Day – March 8, 2023

Nowruz – March 20, 2023

World Down Syndrome Day – March 21, 2023

PUBLIC INPUT PERIOD

The Public Input Period is addressed in sections 12.20 to 12.28 of "Council Procedure Bylaw, 2015, No. 8500." The time allotted for each speaker addressing Council during the Public Input Period is 2 minutes, with the number of speakers set at 5 persons. Speakers' comments will be audio recorded, as well as live-streamed on the City's website, and will form part of the public record.

Speakers during the Public Input Period are permitted to join the meeting electronically via Webex or in person in the Council Chamber.

There are 2 ways to sign up to speak during the Public Input Period:

- 1) Speakers participating electronically must pre-register by 12:00 noon on the day of the Council meeting by completing the online form at cnv.org/PublicInputPeriod, or by phoning 604-990-4230 to provide contact information. Pre-registrants will receive instructions via email or phone on the afternoon of the Council meeting, including a request to connect to the meeting 15-30 minutes before the meeting start time.
- 2) Speakers participating in person must sign the speaker list located outside the Council Chamber between 5:30 and 5:55 pm on the day of the Council meeting. No late speakers will be added to the list.

If a speaker has written material to accompany their comments, the material must be sent to the Corporate Officer at clerks@cnv.org no later than 12:00 noon on the day of the Council meeting.

The Public Input Period offers an opportunity to express comments only; Council is there to listen and questions will not be responded to. Speakers must comply with the General Rules of Conduct set out in section 5.1 of "Council Procedure Bylaw, 2015, No. 8500" and may not speak with respect to items listed in section 12.25(2).

Speakers are not to address matters from a concluded Public Hearing or Public Meeting. When a Public Hearing / Meeting is scheduled on the same evening's agenda, speakers are asked to only provide input when that item comes forward for discussion on the agenda in order for the comments to be considered and form part of the official record.

Please address the Mayor as "Your Worship" or "Mayor, followed by his/her surname".
Councillors should be addressed as "Councillor, followed by their surname".

CONSENT AGENDA

Item *3 is listed in the Consent Agenda for consideration.

RECOMMENDATION:

THAT the recommendation listed within the “Consent Agenda” be approved.

START OF CONSENT AGENDA

CORRESPONDENCE

- *3. Board in Brief, Metro Vancouver Regional District, February 24, 2023
– File: 01-0400-60-0006/2023

Re: Metro Vancouver – Board in Brief

RECOMMENDATION:

THAT the correspondence from Metro Vancouver, dated February 24, 2023, regarding the “Metro Vancouver – Board in Brief”, be received and filed.

END OF CONSENT AGENDA

REPORTS

4. Homes that Meet Today’s Climate Context Notice of Motion Update – Research Project with Vancouver Coastal Health and Metro Vancouver
– File: 11-5280-14-0001/2023

Report: Planner 2, Environmental Sustainability, February 22, 2023

RECOMMENDATION:

PURSUANT to the report of the Planner 2, Environmental Sustainability, dated February 22, 2023, entitled “Homes that Meet Today’s Climate Context Notice of Motion Update – Research Project with Vancouver Coastal Health and Metro Vancouver”:

THAT the City enter into a contribution agreement with Vancouver Coastal Health and Metro Vancouver Regional District to undertake a project to identify policies and programs that have strong potential to reduce heat-related and/or wildfire smoke-related mortality and morbidity in existing residential buildings;

AND THAT the Mayor and Corporate Officer be authorized to sign the contribution agreement and the necessary documentation to give effect to this motion.

REPORTS – Continued

5. Authorization for Staff to Negotiate Statutory Rights of Way for City Benefit and Public Utilities for the North Shore Neighbourhood House Lands
– File: 02-0800-30-0031/1

Report: Manager, Real Estate, February 16, 2023

RECOMMENDATION:

PURSUANT to the report of the Manager, Real Estate, dated February 16, 2023, entitled “Authorization for Staff to Negotiate Statutory Rights of Way for City Benefit and Public Utilities for the North Shore Neighbourhood House Lands”:

THAT staff be authorized to negotiate any required statutory rights of way and related legal agreements to secure the delivery and provision of services for the City or from various public utilities necessary for the properties within the North Shore Neighbourhood House Lands, which includes 207-225 East 2nd Street and 200-236 East 1st Street (the “NSNH Lands”), and allow such agreements to be registered on the NSNH Lands as required;

THAT “Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment) be considered;

THAT staff be directed to initiate an Alternative Approval Process regarding “Parks Dedication Bylaw, 1972, No. 4932, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment);

THAT any required notices be published in accordance with Sections 26, 40, 86 and 94 of the *Community Charter*;

AND THAT the Mayor and Corporate Officer be authorized to execute utility statutory rights of way and related agreements over the NSNH Lands, as described in the report.

BYLAW – FIRST, SECOND AND THIRD READINGS

6. “Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment)

RECOMMENDATION:

THAT “Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment) be given first, second and third readings.

REPORT

7. 2023 Early Appropriations – File: 05-1705-30-0019/2023

Report: Chief Financial Officer, February 24, 2023

RECOMMENDATION:

PURSUANT to the report of the Chief Financial Officer, dated February 24, 2023, entitled “2023 Early Appropriations”:

THAT (Funding Appropriation #2301) an amount of \$50,000 be appropriated from the General Capital Reserve for the purpose of funding the 2022-2031 Capital Plan;

THAT (Funding Appropriation #2302) an amount of \$150,000 be appropriated from the Engineering Equipment Replacement Reserve for the purpose of funding the 2022-2031 Capital Plan;

AND THAT should any of the amounts remain unexpended as at December 31, 2026, the unexpended balances shall be returned to the credit of the respective fund.

PUBLIC CLARIFICATION PERIOD

The Public Clarification Period is limited to 10 minutes in total and is an opportunity for the public to ask a question regarding process or clarification on an item on the Regular Council Agenda. The Public Clarification Period concludes after 10 minutes and the Regular Council Meeting reconvenes.

COUNCIL INQUIRIES / REPORTS

NEW ITEMS OF BUSINESS

NOTICE OF MOTION

ADJOURN



**MINUTES OF THE REGULAR MEETING OF COUNCIL HELD IN THE
COUNCIL CHAMBER AND ELECTRONICALLY (HYBRID) FROM CITY
HALL, 141 WEST 14TH STREET, NORTH VANCOUVER, BC, ON
MONDAY, FEBRUARY 27, 2023**

PRESENT

COUNCIL MEMBERS

Mayor L. Buchanan
Councillor H. Back
Councillor D. Bell
Councillor A. Girard
Councillor J. McIlroy
Councillor S. Shahriari
Councillor T. Valente

STAFF MEMBERS

L. McCarthy, CAO
K. Graham, Corporate Officer
J. Peters, Acting Deputy Corporate Officer
B. Pearce, Deputy CAO / Director, Strategic and Corporate
Services
L. Sawrenko, Chief Financial Officer
H. Granger, City Solicitor
J. Draper, Acting Director, Planning and Development
R. Basi, Manager, Development Planning
T. Ryce, Chief Building Official
H. Dang, Planner
E. Chow, Planner
M. Friesen, Manager, Environmental Sustainability
L. Lensink, Planner, Environmental Sustainability
K. Magnusson, Director, Engineering, Parks and Environment
M. Kwaterska, Manager, Shipyards and Waterfront
L. Gillies, Section Manager, Utilities
L. Orr, Acting Director, Community and Partner Engagement
P. Duffy, Manager, Bylaw Services
C. Bulman, Committee and Records Clerk

The meeting was called to order at 6:00 pm.

APPROVAL OF AGENDA

Moved by Councillor Girard, seconded by Councillor Back

1. Regular Council Meeting Agenda, February 27, 2023

CARRIED UNANIMOUSLY

ADOPTION OF MINUTES

Moved by Councillor Shahriari, seconded by Councillor Valente

2. Regular Council Meeting Minutes, February 13, 2023

CARRIED UNANIMOUSLY

PROCLAMATION

Mayor Buchanan declared the following proclamation:

Rare Disease Day – February 28, 2023 – read by Councillor Bell

PUBLIC INPUT PERIOD

Nil.

CONSENT AGENDA

Moved by Councillor Valente, seconded by Councillor Back

THAT the recommendation listed within the “Consent Agenda” be approved.

CARRIED UNANIMOUSLY

START OF CONSENT AGENDA

BYLAW – ADOPTION

- *3. “Zoning Bylaw, 1995, No. 6700, Amendment Bylaw, 2023, No. 8956” (Bharati Shrestha / Maple Building Design, 229 East 22nd Street, RT-1)

Moved by Councillor Valente, seconded by Councillor Back

THAT “Zoning Bylaw, 1995, No. 6700, Amendment Bylaw, 2023, No. 8956” (Bharati Shrestha / Maple Building Design, 229 East 22nd Street, RT-1) be adopted, signed by the Mayor and Corporate Officer and affixed with the corporate seal.

(CARRIED UNANIMOUSLY)

END OF CONSENT AGENDA

RECONSIDERATION OF TEMPORARY USE PERMIT – 1311 Lonsdale Avenue

4. Temporary Use Permit No. PLN2022-00031 (1311 Lonsdale Avenue)
– File: 09-4520-20-0005/2022

Moved by Councillor Valente, seconded by Councillor Girard

THAT Temporary Use Permit No. PLN2022-00031 (1311 Lonsdale Avenue) be issued to Hollyburn Legacy Properties Ltd., Inc. No. BC0791622, in accordance with Section 493 of the *Local Government Act*;

AND THAT the Mayor and Corporate Officer be authorized to sign Temporary Use Permit No. PLN2022-00031.

CARRIED

Councillor Back and Councillor Bell are recorded as voting in opposition to the motion.

BYLAW – FIRST, SECOND AND THIRD READINGS

5. “Zoning Bylaw, 1995, No. 6700, Amendment Bylaw, 2023, No. 8952” (Land Use Contract Legacy Regulations and New RG-2A Zone)

Moved by Councillor Valente, seconded by Councillor Girard

THAT “Zoning Bylaw, 1995, No. 6700, Amendment Bylaw, 2023, No. 8952” (Land Use Contract Legacy Regulations and New RG-2A Zone) be given first and second readings.

CARRIED UNANIMOUSLY

Moved by Councillor Valente, seconded by Councillor Girard

THAT “Zoning Bylaw, 1995, No. 6700, Amendment Bylaw, 2023, No. 8952” (Land Use Contract Legacy Regulations and New RG-2A Zone) be given third reading.

CARRIED UNANIMOUSLY

CORRESPONDENCE

6. Union of BC Municipalities – UBCM Housing Summit – Housing BC Together, February 13, 2023 – File: 01-0230-20-0056/2023

Re: UBCM Housing Summit – Housing BC Together

Moved by Councillor McIlroy, seconded by Councillor Bell

PURSUANT to the correspondence received February 13, 2023, from the Union of BC Municipalities, regarding “UBCM Housing Summit – Housing BC Together”:

THAT Council members be authorized to attend the UBCM Housing Summit – Housing BC Together, to be held April 4-5, 2023, at Vancouver BC;

THAT expenses be paid in accordance with City policy;

AND THAT funds be provided from the Conference Education Travel Account.

CARRIED UNANIMOUSLY

REPORTS

7. Capital Projects End of Year Funding Reallocation – File: 11-5240-01-0001/2023

Report: Section Manager, Utilities, and Manager, The Shipyards and Waterfront,
February 15, 2023

Moved by Councillor Valente, seconded by Councillor McIlroy

PURSUANT to the report of the Section Manager, Utilities, and Manager, The Shipyards and Waterfront, dated February 15, 2023, entitled “Capital Projects End of Year Funding Reallocation”:

THAT the following transfers be approved:

- \$85,000 from Project 56015 – Connection Replacement to Project 56004 – Connection Installation;
- \$70,000 from Project 54006 – IC and Connection Replacement and Rehabilitation and \$85,000 from Project 54066 – Sewer Main: Relining and Rehabilitation to Project 54002 – Sanitary Sewer Connection;
- \$140,000 from Project 55073 – Stream Environmental Enhancement to Project 55002 – Storm Sewer Connection;
- \$104,000 from Project 55066 – Storm Water Quality Infrastructure to Project 55034 – City Wide Culvert Repair and Replacement;
- \$403,662 from Project 50143 – One-Time Shipyards Commons to Project 45342 – The Shipyards Destination Infrastructure Upgrade;

AND THAT should any of the amounts remain unexpended as at December 31, 2025, the unexpended balances shall be returned to the credit of the respective fund.

CARRIED UNANIMOUSLY

8. Proposed Consultation on Strengthened BC Energy Step Code Building Requirements and New Mechanical Permit Process – File: 11-5280-14-0001/2023

Report: Planner 2, Environmental Sustainability, and Chief Building Official,
February 15, 2023

Moved by Councillor McIlroy, seconded by Councillor Valente

PURSUANT to the report of the Planner 2, Environmental Sustainability, and Chief Building Official, dated February 15, 2023, entitled “Proposed Consultation on Strengthened BC Energy Step Code Building Requirements and New Mechanical Permit Process”:

THAT staff be directed to consult with industry groups with respect to proposed amendments to the Construction Regulation Bylaw and new mechanical permit to strengthen Energy Step Code requirements for Part 9 buildings.

CARRIED UNANIMOUSLY

NOTICE OF MOTION

9. YWCA City Shift – Creating More Inclusive Cities – File: 10-4710-01-0001/2023

Submitted by Councillor McIlroy

Moved by Councillor McIlroy, seconded by Councillor Girard

WHEREAS systemic inequities are present in all municipalities and prevent all residents from fully participating in civic life;

WHEREAS numerous municipalities across British Columbia and Canada have made progress towards becoming more equitable by committing to embed equity in all government action through the use of analytical processes for the assessment of systemic inequities (e.g., Gender-Based Analysis Plus);

WHEREAS the Province of British Columbia and the Government of Canada have adopted Gender-Based Analysis Plus to assess how diverse Canadians experience policies, programs and government initiatives;

THEREFORE BE IT RESOLVED THAT the Union of BC Municipalities (UBCM) calls upon the Province of British Columbia and the Government of Canada to provide resources and policy direction to enable municipalities to implement said processes across municipal capital investments, operations and strategic initiatives;

AND THAT UBCM urges local governments across British Columbia to adopt said processes to ensure all citizens can participate fully in civic life and to make measurable progress towards dismantling systemic inequality in our communities.

CARRIED UNANIMOUSLY

COUNCIL INQUIRIES / REPORTS

Nil.

NEW ITEMS OF BUSINESS

Nil.

NOTICE OF MOTION

Nil.

Mayor Buchanan commented and thanked the Councillors who participated in walking on the Coldest Night of the Year fundraiser on February 25, 2023.

RECESS TO CLOSED SESSION

Moved by Councillor Girard, seconded by Councillor Valente

THAT Council recess to the Committee of the Whole, Closed Session, pursuant to the *Community Charter*, Sections 90(1)(g) [legal matters] and 90(1)(i) [legal advice].

CARRIED UNANIMOUSLY

The meeting recessed to the Committee of the Whole, Closed Session, at 7:06 pm and reconvened at 7:29 pm.

REPORT OF THE COMMITTEE OF THE WHOLE (CLOSED SESSION)

10. Legal Matter / Legal Advice – File: 09-4020-01-0001/2023

Report: Manager, Bylaw Services, February 14, 2023

Moved by Councillor Valente, seconded by Councillor Girard

PURSUANT to the report of the Manager, Bylaw Services, dated February 14, 2023, regarding a legal matter:

THAT the action taken by the Committee of the Whole (Closed Session) be ratified;

AND THAT the wording of the recommendation and the report of the Manager, Bylaw Services, dated February 14, 2023, remain in the Closed session.

CARRIED UNANIMOUSLY

ADJOURN

Moved by Councillor Back, seconded by Councillor Bell

THAT the meeting adjourn.

CARRIED UNANIMOUSLY

The meeting adjourned at 7:30 pm.

“Certified Correct by the Corporate Officer”

CORPORATE OFFICER



Office of the Mayor

CITY OF NORTH VANCOUVER
BRITISH COLUMBIA

Proclamation

INTERNATIONAL WOMEN'S DAY

Whereas

International Women's Day is celebrated globally on March 8 by those who believe in gender equity and who seek to improve the lives of all women, girls, Two Spirit, non-binary, and gender diverse people through cultural, legal, economic, and social change; and

Whereas

We must work towards a world where each person can make their own choices and determine their own path free from violence and discrimination; and

Whereas

Millions of people worldwide continue to support the courageous demonstrations in Iran for the human rights of women and girls with the rallying call "Women Life Freedom"; and

Whereas

The Government of Canada's theme for International Women's Day 2023 is Every Woman Counts, a reminder that women of all ages, abilities, backgrounds, and walks of life, have a place in every aspect of Canadian society, including in the economic, social and democratic spheres.

Now Therefore

I, Linda Buchanan, Mayor of the City of North Vancouver, do hereby proclaim **March 8, 2023** as **International Women's Day** in the City of North Vancouver, the traditional territories of the Squamish and Tsleil-Waututh Nations.

So proclaimed on Monday, March 6, 2023

Linda C. Buchanan

Mayor Linda Buchanan



Office of the Mayor

CITY OF NORTH VANCOUVER
BRITISH COLUMBIA

Proclamation

NOWRUZ

Whereas

Nowruz is celebrated by many in the City of North Vancouver as a day to connect with nature, loved ones, and community as a start of a "New Day" after a long, dark winter; and

Whereas

Nowruz marks the beginning of spring symbolizing a time for friendship, connection, vibrancy, hope, rejuvenation, and renewal; and

Whereas

all residents of the City can benefit from opportunities to celebrate our cultural diversity and learn about the holidays and traditions of all people; and

Whereas

the City of North Vancouver is a community where all people are welcomed, included, and celebrated;

Now Therefore

I, Linda Buchanan, Mayor of the City of North Vancouver, do hereby proclaim **March 20, 2023** as **Nowruz** in the City of North Vancouver, the traditional territories of the Squamish and Tsleil-Waututh Nations.

So proclaimed on Monday, March 6, 2023

Linda C. Buchanan

Mayor Linda Buchanan



Office of the Mayor

CITY OF NORTH VANCOUVER
BRITISH COLUMBIA

Proclamation

WORLD DOWN SYNDROME DAY

Whereas

an estimated 45,000 Canadian citizens and approximately 1 in every 781 babies born in Canada today have Down syndrome; and

Whereas

United Nations World Down Syndrome Day is a global awareness initiative that recognizes the meaningful contributions of individuals with Down syndrome, who are deserving of equal rights and opportunities to participate in society; and

Whereas

the City of North Vancouver supports inclusive environments which enhance the well-being of all individuals with Down syndrome and their ability to live, work and participate as fully included members of society alongside their friends, families and peers.

Now Therefore

I, Linda Buchanan, Mayor of the City of North Vancouver, do hereby proclaim **March 21, 2023** as **World Down Syndrome Day** in the City of North Vancouver, the traditional territories of the Squamish and Tsleil-Waututh Nations.

So proclaimed on Monday, March 6, 2023

Mayor Linda Buchanan

THIS PAGE INTENTIONALLY LEFT BLANK

M

CAO

For Metro Vancouver meetings on Friday, February 24, 2023

Please note these are not the official minutes. Board in Brief is an informal summary. Material relating to any of the following items is available on request from Metro Vancouver. For more information, please contact: media@metrovanancouver.org.

Metro Vancouver Regional District

E1.1 Impacts of E-Commerce on Industrial Lands and Transportation Systems Study

RECEIVED

In support of the implementation of the *Regional Industrial Lands Strategy*, Metro Vancouver retained Colliers Strategy & Consulting Group to undertake a study on the impacts of e-commerce on industrial lands and transportation systems. Completed in late 2022, the results further the understanding of the implications of the rapid growth in e-commerce, accelerated in part by the COVID-19 pandemic, on industrial lands for the distribution of goods, as well as associated transportation and employment considerations in the region. Key recommendations from the study include:

- Create up-to-date, citywide inventories of loading zones, curbs, and congestion points to inform local strategies to address the increase in demand for curbside space
- Designate curbside delivery areas adjacent to apartment buildings to mitigate parking flow interruptions and double parking
- Rethink zoning flexibility for a more resilient city that can absorb emerging trends, while still retaining the primary intended use of lands
- Align housing densification and opportunities for emerging sustainable distribution methods to ensure that policies are current with business needs
- Explore opportunities to introduce some industrial uses to commercial areas, such as urban logistics, with shops housing multiple stages of the e-commerce supply chain in addition to retail

The Board received the report for information.

E1.2 Metro Vancouver Industrial Lands Portfolio Update

RECEIVED

This report provides a status update on the industrial lands portfolio and Metro Vancouver's implementation of the *Regional Industrial Lands Strategy* (RILS) which was approved by the Board on July 3, 2020, after over two years of research and engagement. RILS identifies 10 priority actions and 34 recommendations that Metro Vancouver continues to implement.

Since mid-2020, Metro Vancouver has completed a number of projects to advance and implement the industrial lands portfolio. Metro Vancouver will continue to work with member jurisdictions and agencies to advance the recommendations of RILS, as implementation will require continued close collaboration with stakeholders and a long-term commitment by Metro Vancouver and member jurisdictions. The Board received the report for information.

E1.3 Metro Vancouver 2040: Shaping our Future – 2021 Annual Performance Monitoring Report **RECEIVED**

The *Local Government Act* and *Metro 2040* require the preparation of an annual report on the regional growth strategy's progress. This report provides a summary update on the performance measures with relevant annual change and available data. A complete profile of *Metro 2040*'s performance measures with a detailed data breakdown is available in the *Metro 2040* performance monitoring dashboard on the Metro Vancouver website. The Board received the report for information.

E1.4 Metro Vancouver 2040: Shaping our Future – 2021 Procedural Report **RECEIVED**

This report documents the staffing and resources required to implement, administer, and amend the regional growth strategy, and provides an annual report on the operational performance of the Regional Planning Division.

Staffing and resources required to implement *Metro 2040* include supporting and reviewing Regional Context Statements, preparing supporting implementation documents, conducting policy research and analysis, and processing proposed amendments. Since the adoption of *Metro 2040* in mid-2011, both the costs and number of staff directly associated with the Regional Planning Division has remained relatively consistent. The Board received the report for information.

E2.1 2023 Invest Vancouver Management Board Meeting Schedule, Work Plan and Invest Vancouver 2023 Annual Plan **APPROVED**

At its February 10, 2023 meeting, the Invest Vancouver Management Board endorsed Invest Vancouver's 2023 work plan, which includes four priorities:

- Attract world-class companies to the Metro Vancouver region
- Strengthen our key strategic industries
- Address regional issues to increase resilience for the regional economy
- Provide a focused, sustainable regional service

The Board endorsed the Invest Vancouver 2023 Annual Plan as presented.

E2.2 Life Sciences in Metro Vancouver: Shaping a Globally Prominent R&D Hub **RECEIVED**

The fourth Invest Vancouver investigation into the region's strategic export-oriented industries focuses on the life sciences industry to answer two fundamental questions: why do firms in the life sciences industry invest in Metro Vancouver, and what actions would unlock additional growth and investment in the life sciences industry?

The investigation's findings revealed that:

- The Metro Vancouver region has a flourishing life sciences industry powered by a concentration of highly skilled talent and backed by an extensive innovation ecosystem.
- The industry has grown substantially since 2001, and this growth accelerated during the pandemic.
- With focused, coordinated support from public and private stakeholders, the industry could further expand, add jobs more quickly, and rise in prominence as a global hub.
- Addressing the need for wet lab space is critical for spurring growth. Long term, talent development and recruitment from outside the region is essential for the industry to reach its potential.

The Board received the report for information.

E2.3 2023 CanExport Community Investment Contribution Award

RECEIVED

Global Affairs Canada, through the 2023 CanExport Community Investment program, awarded Invest Vancouver approval for up to \$244,735 in match funding. The program is dedicated to supporting projects that serve to attract, retain, and expand foreign direct investment and provides reimbursement of up to 50 per cent of eligible expenses. Projects must be completed between January 1 and December 31, 2023.

Invest Vancouver proactively aligned CanExport Community Investment project proposals with planned work activities and budget for 2023. In order to implement projects effectively, project management documents will be generated in order to sequence work, manage budget and procurement processes, and identify and collaborate with project partners. The Board received the report for information.

E3.1 TransLink's Application for Federal Gas Tax Funding for 2023 Fleet Replacement – Part B for 84 Conventional Renewable Natural Gas Buses

APPROVED

At its October 28, 2022 meeting, the Board postponed the consideration of a portion of TransLink's application for a renewable natural gas bus replacement project under the Greater Vancouver Regional Fund program. This matter was postponed to give TransLink an opportunity to provide greater clarity on how this application fits into their Low Carbon Fleet Strategy.

The Board approved \$75.24 million in funding from the Greater Vancouver Regional Fund for TransLink's purchase of 84 conventional renewable natural gas buses proposed in its 2023 application for Federal Gas Tax Funding as presented.

G1.1 Metro Vancouver Regional District Regional Growth Strategy Bylaw No. 1339, 2022 APPROVED
Third Reading and Final Adoption

Following three years of extensive engagement and policy development, *Metro 2050* was read a first and second time in March 2022 and a public hearing was held in April 2022. All 24 affected local governments have passed resolutions accepting *Metro 2050*, the update to the regional growth strategy.

The MVRD Board gave third reading to *Metro Vancouver Regional District Regional Growth Strategy Bylaw No. 1339, 2022* as presented; then passed and finally adopted said bylaw.

Next, the Board directed staff to notify the Minister of Municipal Affairs as well as all affected local governments, local First Nations, organizations, and agencies that participated in the development of the updated regional growth strategy that *Metro 2050* has been officially adopted.

I 1 Committee Information Items and Delegation Summaries

The Board received information items and delegation summaries from standing committees.

Regional Parks Committee – February 1, 2023

Information Items:

5.2 Pacific Spirit Regional Park – Wreck Beach Update

Renowned for its natural beauty and its unique social character, Wreck Beach is a popular destination within Pacific Spirit Regional Park. As a result of its remote location and increasing use, Metro Vancouver and its partner agencies have been responding to a high number of emergencies and public safety incidents in recent years. With input from emergency response providers, strategies have been developed to improve public safety and access to Wreck Beach. This multi-pronged action plan uses an integrated approach that takes into consideration site design, education, enforcement, and partnerships.

Mayors Committee – February 1, 2023

Delegation Summaries:

3.1 Eoin Finn and Peter van der Velden, Friends of Tilbury

Subject: Expansion Proposals Fortis Tilbury LNG Facility

3.2 Roderick V. Louis

Subject: Overview – Housing Supply Act and Strata Property Act Amendments

Information Items:

5.3 Overview – Housing Supply Act and Strata Property Act Amendments

On November 21, 2022, the Province introduced Bill 43 (the *Housing Supply Act*), as well as amendments to the *Strata Property Act*, to increase housing options and speed up housing development in communities. Changes to the *Strata Property Act* to remove rental restrictions and age restrictions (with the exception of 55+ housing), took immediate effect.

However, specifics to implement the *Housing Supply Act*, which give the Province authority to set municipal housing targets, are still to be confirmed. This report provides an overview of these legislative changes along with opportunities for Metro Vancouver to work with the Province and its member jurisdictions to support coordinated housing targets, and to support the delivery of more housing across the region.

Climate Action Committee – February 2, 2023

Information Items:

5.2 Climate 2050 Land Use and Urban Form Roadmap – Scope of Work and Project Status

As part of Metro Vancouver’s *Climate 2050* strategy, Metro Vancouver staff have initiated work on the draft *Climate 2050 Land Use and Urban Form Roadmap*. Work on the roadmap began in March 2022 and engagement will occur throughout 2023. Building on the progressive climate-related policies in the draft *Metro 2050*, the roadmap will outline regional and corporate goals, strategies, actions, and performance measures for the mitigation of greenhouse gases and climate adaptation in our region.

Finance Committee – February 9, 2023

Information Items:

5.1 Authorization to Attend 2023 Standing Committee Events

This report brings forward conferences and events for approval by the Finance Committee, as required by the *Remuneration Bylaw*, approved in the 2023 budget. Twenty-two events were identified given their relevance to the various standing committee mandates; each event presents an opportunity for committee members to participate in learning, interaction, and engagement with other North American organizations, and to represent Metro Vancouver.

5.2 Authorization to Attend 2023 International Events

This report brings forward international conferences and events for approval by the Finance Committee, as required by the *Remuneration Bylaw*, approved in the 2023 budget. Metro Vancouver will participate in events that promote Metro Vancouver in a leadership role; provide opportunity for engagement and continuous improvement in the advancement of organizational goals; allow for the acquisition of knowledge and skills which directly benefit the organization and region; offer the provision of assistance to other cities or regions in the world; and enhance Metro Vancouver’s reputation in the international community. Selection of director(s) to participate requires the Board chair approval as the final step.

5.3 Treasury Report – June 1, 2022 to December 31, 2022

The *Corporate Investment Policy* requires a thrice-annual investment update. This report covers the seven-month period from June to December 2022.

Metro Vancouver’s investment returns for 2022 were 2.42 per cent for short-term, 2.64 per cent for long-term, and 2.28 per cent for the Cultural Reserve Fund. Due to timing of long-term maturities and the strategy to hold larger amounts in cash to fund capital projects, investment performance slightly lags below benchmarks.

It is anticipated as investments mature, they will be re-invested in higher yielding products. In 2023, to improve cash and investment management, Metro Vancouver will use MFA's temporary borrowing process for the first time. This was approved by the Board in October 2022.

In 2022, inflation rose from 3.4 per cent as of December 31, 2021 to 6.8 per cent a year later. In addition, the Bank of Canada increased the overnight borrowing rate 400 basis points, from 0.25 per cent to 4.25 per cent. These economic factors have resulted in increases in borrowing rates, the cost of purchasing goods and services, and investment returns.

5.4 MVRD Audit Plan from BDO Canada LLP

Metro Vancouver districts and the Metro Vancouver Housing Corporation are required under provincial legislation to prepare annual financial statements, audited by a public accounting firm and approved by the Board by May 15 each year. The 2022 annual financial statements, along with the draft auditors report, will be presented to the Finance Committee at its April meeting, prior to Board approval.

This report outlines the audit approach, key audit areas, auditor responsibilities and audit deliverables. In addition, the report highlights a number of upcoming accounting standards, the most significant being the asset retirement obligation requirement, effective fiscal year 2023. Management has engaged external resources to assist with the scoping work and measurement estimates required to complete the audit standard and will report back to the Committee in the spring.

Regional Planning Committee – February 10, 2023

Information Items:

5.3 Metro 2050 Climate Policy Enhancement Study – Project Initiation

In response to Board direction, staff have initiated a Metro 2050 Climate Policy Enhancement Study to identify possible amendments to the current climate action policies and new ones that could be added to *Metro 2050* via an amendment, to enhance the regional growth strategy's climate resilience. As both relate to climate action in the region, this study is being coordinated with the development of the *Climate 2050 Land Use and Urban Form Roadmap*. Metro Vancouver staff have hosted two joint workshops in early 2023, one in person and one online. The workshops were attended by member jurisdiction staff as well as invited experts who provided input on how to refine a list of potential new or amended climate policies and actions. Next steps include reviewing the workshop data and developing draft recommendations for *Metro 2050* and the *Land Use and Urban Form Roadmap*.

5.4 Climate 2050 Land Use and Urban Form Roadmap – Scope of Work and Project Status

As part of *Climate 2050*, Metro Vancouver staff have initiated work on the draft *Land Use and Urban Form Roadmap*. Background work on the roadmap began in March 2022 and engagement will occur throughout 2023. Building on the progressive climate-related policies in *Metro 2050*, this roadmap will outline potential regional and corporate goals, strategies, actions, and performance measures for the mitigation of greenhouse gases and climate adaptation in our region.

Metro Vancouver Housing Corporation

E1.1 Names for Select Metro Vancouver Housing New Development and Redevelopment Projects

RECEIVED

The *Metro Vancouver Housing Naming Framework* is intended to provide guiding principles and a process to support decision-making when naming new development sites, or renaming existing housing sites. In spring 2022, staff initiated naming or renaming processes for a selection of Metro Vancouver Housing new development and redevelopment projects.

- Eastburn Square in Burnaby is now “The Connection”
- Civic Centre in Pitt Meadows is now “Heron’s Nest”
- Southwynde Avenue in Burnaby is now “The Steller”
- Welcher Avenue in Port Coquitlam is now “Salal Landing”

The Board received the report for information.

I 1 Committee Information Items and Delegation Summaries

The Board received one information item and one delegation summary from one standing committee.

Housing Committee – February 3, 2023

Delegations:

3.1 Roderick V. Louis

Subject: Manager’s Report – Proposed 2023 Housing Committee Work Plan

Information Items:

5.2 Metro Vancouver Housing Cost Estimating & Stage Gate Approvals

Metro Vancouver Housing uses a standard approach to estimate project costs, account for risk, and establish stage gates for Committee/Board approval throughout the housing development process. MVH currently has five affordable housing development/redevelopment projects advancing through design and development approvals and these will be returning to Committee/Board to review active project budgets at project stage gates.

Greater Vancouver Water District

E1.1 Coquitlam Sockeye Hatchery Land Use Licence Agreement & Water Use Agreement

RECEIVED

BC Hydro is starting construction of the Coquitlam Sockeye Hatchery in 2023 within the protected Coquitlam Water Supply Area on a parcel of GVWD fee-simple land. The hatchery facility is being funded

by BC Hydro, which has the primary responsibility for fisheries restoration efforts in the Coquitlam watershed.

Sockeye stocks are severely depleted in the Coquitlam River Watershed, primarily due to loss of access to habitat in Coquitlam Lake following completion of the first hydro-electric dam over 116 years ago.

Restoration of sockeye stocks is an important cultural goal of the kʷikʷəḷʼ əm/Kwikwetlem First Nation and they have been working with BC Hydro, the GVWD, and other local partners in support of this goal since 2004. The GVWD is entering into both a Land Use Licence Agreement and a Water Use Agreement with BC Hydro as a means of providing in-kind support with a land parcel and water supply for the new Coquitlam Sockeye Hatchery. The Board received the report for information.

E1.2 Award of Contract Resulting from Request for Proposals No. 22-380: Construction of Kennedy Newton Main – Phase 3 South Section **APPROVED**

Metro Vancouver is constructing the Kennedy Newton Main between Newton Reservoir and Kennedy Park Reservoir in Surrey. This new 1.8 metre-diameter, eight-kilometre-long water main will meet growing water demand south of the Fraser River. The project is being delivered in three separate phases, spread out over several years. Construction of Phase 3, the final phase, has been split into three separate contracts in order to address constraints within the local construction industry and to promote participation in the procurement process.

The Board approved the award of a contract in the amount of \$27,914,600 (exclusive of taxes) to B&B Contracting (2012) Ltd. resulting from RFP No. 22-380 for the construction of Phase 3 South Section of the Kennedy Newton Main, subject to final review by the Commissioner.

E1.3 Award of Contract Resulting from Tender No. 21-047: Backup Power Installation of Capilano Raw Water Pump Station **APPROVED**

Construction Tender No. 21-047 includes the Capilano Raw Water Pump Station Backup Power project and the Capilano Watershed Security Gatehouse project. The backup power project will help deliver water from Capilano Lake to the Seymour Capilano Filtration Plant in the event of a power outage, to ensure reliable drinking water is supplied to the region under planned and emergency conditions. The gatehouse project provides a new facility for Capilano Water Supply Area security staff and includes improvements to the entranceway off Nancy Greene Way to increase safety for vehicles and people.

The Board authorized a budget increase for the Capilano Raw Water Pump Station Backup Power project and the Capilano Watershed Security Gatehouse project in the amount of \$27 million. The funds will be drawn from known savings on another project, bringing the revised combined budget for these projects to \$83 million (exclusive of GST).

The Board approved award of a contract in the amount of up to \$49,454,982 (exclusive of GST) to NAC Constructors Ltd. resulting from Tender No. 21-047, subject to final review by the Commissioner.

I 1 Committee Information Items and Delegation Summaries

The Board received an information item from a standing committee.

Water Committee – February 8, 2023

Information Items:

5.1 Watershed Fisheries Initiatives Annual Update

Water Services, Liquid Waste Services, Regional Parks, and other Metro Vancouver departments collectively contribute to Pacific salmon conservation and restoration in the region. GVWD manages and participates in fisheries management and restoration initiatives both upstream and downstream of the dams in the Capilano, Seymour and Coquitlam River watersheds. Metro Vancouver strives to ensure fisheries protection and enhancement initiatives are evaluated, planned, and implemented in a manner that consistently meets or exceeds the *Capilano Seymour Joint Water Use Plan Provincial Order* and all pertinent regulatory responsibilities.

Greater Vancouver Sewage and Drainage District

E1.1 Recommended Wet Weather Cost Apportionment Approach

APPROVED

At its February 8, 2023 meeting, the Liquid Waste Committee endorsed a recommendation to revise the cost apportionment bylaw for liquid waste services that would change how member jurisdictions pay for sewer services by introducing separate fees for dry and wet weather flows.

Various options for wet weather pricing were developed by staff and the recommended approach, informed by municipal feedback through a working group and advisory committees, is to phase in wet weather pricing incrementally over a 10-year period commencing with requisitions in spring 2024.

The Board directed staff to prepare amendments to *Cost Apportionment Bylaw 283, 2014* for its consideration in accordance with the direction as presented, and to initiate wet weather cost apportionment in the 2024 billing cycle to be implemented incrementally over 10 years.

E2.1 Award of Contract from RFP No. 22-186: Municipal Solid Waste Contingency Disposal Services

APPROVED

Despite the region's success in reducing waste, approximately one million tonnes of garbage require disposal each year. Garbage in excess of what can be managed at the Waste-to-Energy Facility and the Vancouver Landfill is sent to remote contingency disposal. Contingency disposal requirements over the last three years have ranged from 35,000 tonnes to 145,000 tonnes per year.

The cost of the region’s solid waste system, including contingency disposal, is funded through garbage tipping fees, with higher contingency disposal requirements corresponding with higher tipping fee revenues. Expected contingency disposal costs can be accommodated within the approved Solid Waste Services budget and the five-year financial plan.

The Board approved award of three separate five-year contracts, resulting from Request for Proposals No. 22-186 as follows, subject to final review by the Commissioner:

- GFL Environmental Inc. in the amount of up to \$47,330,000 (exclusive of taxes)
- Republic Services in the amount of up to \$44,720,000 (exclusive of taxes)
- Waste Management of Canada Corporation in the amount of up to \$48,510,000 (exclusive of taxes)

I 1 Committee Information Items and Delegation Summaries

The Board received information items from standing committees.

Liquid Waste Committee – February 8, 2023

Information Items:

5.2 2022 “Wipe It, Green Bin It” Campaign Results

The disposal of fats, oils, and grease into the sewer system costs the region over \$2.7 million every year. In its sixth year, the 2022 “Wipe It, Green Bin It” campaign asked residents to put fats, oils, and grease in the green bin and not down the sink. The campaign ran in the fall and in the lead-up to Thanksgiving, targeting a time of heavier seasonal cooking. It included social media, YouTube, television, banner ads, Google adwords, and a website. The campaign generally performed well and delivered 16 million impressions, 1,200 engagements, 1.6 million video views, 13,000 clicks for more information, and 14,000 website visits. Monitoring of fats, oils, and grease at pump stations generally shows a drop in their levels since 2019. In 2023, the campaign will run again with similar timing and creative materials and will also include a post-campaign survey.

Zero Waste Committee – February 9, 2023

Information Items:

5.1 2021 Solid Waste and Recycling Annual Report

The overall regional recycling rate increased from 64 per cent in 2020 to 65 per cent in 2021. Sector-specific recycling rates increased in the commercial/institutional and the construction and demolition sectors. In the residential sector, the recycling rate in 2021 was similar to 2019, but lower than 2020 — a year marked by increased residential organics recycling during the pandemic, potentially due to more eating at home. Glass recycling dropped in 2021 when processing facilities were closed as a result of the November flooding emergency. Reuse increased in 2021 compared to 2020, when pandemic shutdowns impacted charities and businesses accepting clothing for reuse.

5.2 Solid Waste Management Plan Update – Vision and Guiding Principles Engagement


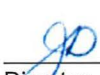

Metro Vancouver is launching engagement this spring on the development of the vision and guiding principles for the *Solid Waste Management Plan* update. Regional districts are required by the Province to develop, and submit for approval, plans for the management of municipal solid waste and recyclable materials.

Prior to this year, a pre-engagement phase and the forming of advisory committees in support of the solid waste management update were completed. Engagement with First Nations, government, and advisory committees is essential to the process. Climate Action Committee members will be invited to the April Zero Waste Committee meeting to help ensure greenhouse gas emission reduction and climate change considerations are fundamental elements of the vision and guiding principles. A robust and transparent public engagement process will involve the waste and recycling industry, waste producers, businesses, communities of interest, and Metro Vancouver residents. Following the engagement, a report will summarize participation and outline how input and feedback was considered in developing the vision and guiding principles.

Metro Vancouver continues to pursue initiatives to achieve zero waste, reduce greenhouse gas emission, and advance the circular economy, in parallel to the development of an updated *Solid wWaste Management Plan*.

THIS PAGE INTENTIONALLY LEFT BLANK



 Department Manager	 Director	 CAO
---	---	--

The Corporation of **THE CITY OF NORTH VANCOUVER**
PLANNING & DEVELOPMENT DEPARTMENT

REPORT

To: Mayor Linda Buchanan and Members of Council

From: Larisa Lensink, Planner 2, Environmental Sustainability

Subject: HOMES THAT MEET TODAY'S CLIMATE CONTEXT NOTICE OF
MOTION UPDATE – RESEARCH PROJECT WITH VANCOUVER
COASTAL HEALTH AND METRO VANCOUVER

Date: February 22, 2023 File No: 11-5280-14-0001/2023

The following is a suggested recommendation only. Refer to Council Minutes for adopted resolution.

RECOMMENDATION

PURSUANT to the report of the Planner 2, Environmental Sustainability, dated March 1, 2023, entitled "Homes that Meet Today's Climate Context Notice of Motion Update – Research Project with Vancouver Coastal Health and Metro Vancouver":

THAT the City enter into a contribution agreement with Vancouver Coastal Health and Metro Vancouver Regional District to undertake a project to identify policies and programs that have strong potential to reduce heat-related and/or wildfire smoke-related mortality and morbidity in existing residential buildings;

AND THAT the Mayor and Corporate Officer be authorized to sign the contribution agreement substantially in the form attached to this report, and any other necessary documentation to give effect to this motion.

ATTACHMENTS

1. Notice of Motion submitted by Mayor Buchanan, dated June 27, 2022, entitled "Homes that Meet Today's Climate Context". (CityDocs [#2196630](#))
2. Letter to the Minister of Indigenous Relations and Reconciliation and Attorney General of B.C. and Minister Responsible for Housing, and Minister of Housing and Diversity and Inclusion, dated August 2, 2022, regarding "Homes that Meet Today's Climate Context". (CityDocs [#2208942](#))

3. Toward Climate Ready, Zero Emission Residential Buildings Contribution Draft Agreement with Vancouver Coastal Health and Metro Vancouver, January 2023. (CityDocs [#2331706](#))

PURPOSE

The purpose of this report is to update Council on staff's response process to the "Homes that Meet Today's Climate Context" Notice of Motion and to seek direction to undertake a research project with Vancouver Coastal Health and Metro Vancouver to better understand possible technical solutions and policy recommendations for implementing cooling and air filtration in existing residential buildings.

BACKGROUND

On June 27, 2022, Council unanimously endorsed the following resolutions of the "Homes that Meet Today's Climate Context" Notice of Motion brought forward by Mayor Buchanan (Attachment #1):

THEREFORE BE IT RESOLVED THAT staff be directed to report to Council on the tools available to work with applicants early in the redevelopment process to ensure the homes being delivered will meet today's climate context, including enhanced cooling systems that respond to extreme heat;

BE IT FURTHER RESOLVED THAT staff be directed to report back on paths of advocacy and action to ensure multi-family homes are properly retrofitted to keep cool;

AND BE IT FINALLY RESOLVED THAT Mayor Buchanan, on behalf of Council, write to the federal and provincial Ministers responsible for housing, public safety, and the environment, stressing the threat extreme heat is to our individual health and the need for further investments in retrofitting BC.

On August 2, 2022, a letter was sent to the provincial Minister of Indigenous Relations and Reconciliation and Attorney General of B.C. and Minister Responsible for Housing, and the federal Minister of Housing and Diversity and Inclusion, in fulfillment of the third resolution (Attachment #2). This report provides an update on the first two resolutions.

DISCUSSION

With the increase in frequency and severity of extreme heat and air quality events in recent years, governments, health authorities and housing providers around the world are pressed to find solutions to maintain safe indoor conditions. In BC, building standards are established by the provincial government. Requirements for passive and active cooling are anticipated, as recommended in the Report to the Chief Coroner on the review of heat-related deaths in summer 2021, for new construction in the 2024 update to the BC Building Code and for existing home renovations in the 2024 release of the Alterations Code for Energy Efficient, Resilient Buildings.

Staff are working to identify measures the City can take to ensure homes are equipped for current and future climate conditions prior to province-wide requirements and beyond minimum code requirements in the future with solutions that are adapted to North Vancouver's unique context including the City's community energy system. For new residential construction, the tools available to the City are consistent with those used to promote other development objectives, like affordable housing opportunities, building amenities, or high standards for energy efficiency beyond minimum requirements. For existing homes, efficacy of technical and policy solutions is not as well-understood and further research is required. At the same time, there are a number of actions residents can take immediately to prepare for and stay safe during heat events, which will be the focus of an education campaign in advance of summer.

Research Project Opportunity: Climate Ready Existing Residential Buildings

Staff have recently identified an opportunity to partner with Vancouver Coastal Health and Metro Vancouver to identify evidence-informed, public policies and programs that have strong potential to reduce heat-related and/or wildfire smoke-related mortality and morbidity in existing residential buildings and to understand the emissions impacts of the measures identified.

The research into potential solutions to extreme heat and degraded air quality events is rapidly evolving. The effectiveness, costs, feasibility and energy and emissions impacts of technical solutions, ranging from short-term measures like reflective window films and portable air conditioners, to long-term whole building retrofits, need to be better understood. The research project aims to collate existing research and build upon it to better understand potential technical solutions and how to implement them.

The project components include:

1. Technical options analysis of short, medium and long term building retrofits and other measures that will protect residents from extreme heat and wildfire smoke in common residential archetypes in the City and region.
2. Policy and program recommendations for the City, Metro Vancouver and other actors that have the potential to enable implementation of the most effective measures identified by the technical options analysis.

Should Council resolve to enter into a contribution agreement (substantially similar to the draft at Attachment #3) and proceed with the research project, the City will co-lead the project with Vancouver Coastal Health, with support from Metro Vancouver. Funding and staff resources will be contributed by each of the three project team member organizations. Given the shared goals of the City, Metro Vancouver and Vancouver Coastal Health, and the common challenges related to overheating and air quality in residential buildings in the region, the project represents a strategic opportunity to maximize the value of project deliverables by combining resources and expertise.

The results of this research project will inform staff's response to the second resolution of the "Homes that Meet Today's Climate Context" Notice of Motion and policy and program development to address overheating and air quality in existing residential

buildings. Preliminary results are expected by the end of Q2 2023 and will be used to inform the public education campaign planned for this summer.

Public Education Campaign: Staying Safe During Summer Heat

Recognizing that strategies to stay cool in the summer are needed immediately and have the potential to save lives, staff will be preparing an education campaign to increase awareness of what to do before and during an extreme heat event. Building upon the existing resources compiled on the City's "Emergency Preparedness: Extreme Heat" webpage, the campaign will include targeted outreach to vulnerable populations and high-risk multi-family buildings. Messaging will focus on actions both individuals and property owners can take to stay safe – including actions that are expected to emerge through the first phase of the research project – such as preparing supplies needed to keep cool, limiting overheating in homes through shading and ventilation, creating cool refuge areas in buildings, visiting public cooling spaces and understanding the symptoms of heat stroke. While further research and policy development is needed to identify scalable solutions for multi-family buildings in the City, many instances of heat-related illness and death can be prevented with knowledge, education and adaptive action¹.

Analysis Underway: Tools to Ensure New Homes Meet Today's Climate Context

Staff are in the process of identifying and evaluating tools to ensure new homes are designed and built with passive and active measures to provide adequate cooling and air filtration, and maintain comfort and safety in current and future climate conditions. To date, policy tools identified include:

- **Supportive policy in the Official Community Plan (OCP):** Future updates to the OCP can include policies that provide support and direction for future programs, plans and requirements for new buildings. Specifically, OCP goals and objectives can include direction for buildings to incorporate measures for both climate mitigation (energy efficiency, renewable energy sources, etc.) and adaptation (flood construction levels, cooling, etc.), and for new developments to consider current climate projections.
- **Development Permit Areas (DPAs):** DPAs can be created for the purposes of climate action and may include requirements for solar orientation, form, wind exposure, reflective surfaces, and tree planting and retention, to minimize the energy needed for mechanical cooling.
- **Zoning Bylaw Amendments (Rezoning):** Measures above bylaw requirements can be promoted in developments seeking rezoning through a rezoning policy requirement, a sustainability checklist or negotiations on a case-by-case basis.
- **Incentives:** Specific building measures can be encouraged through incentives in regulations or processes, such as floor area exemptions or expedited permitting timelines.

¹ University of Waterloo's Intact Centre on Climate Adaptation, "Irreversible Extreme Heat: Protecting Canadians and Communities from a Lethal Future".

Evaluation of these tools will include consideration of implications to and opportunities for the City's community energy system. Once this analysis is complete, staff will provide a fulsome response to the first resolution of the "Homes that Meet Today's Climate Context" Notice of Motion. Recommendations from the analysis will be incorporated in the actions of the upcoming draft Climate and Environment Strategy.

NEXT STEPS

Should Council endorse the resolutions of this report, staff will retain a qualified consultant to undertake the Climate Ready Existing Residential Buildings research project, in partnership with Vancouver Coastal Health and Metro Vancouver. A public education campaign promoting strategies to help vulnerable populations stay cool will be launched in advance of the summer. Staff will update Council of the results of the research project and the evaluation of tools for new development, and bring forward recommended approaches for consideration as part of the Climate and Environment Strategy implementation.

FINANCIAL IMPLICATIONS

The City's contribution of \$25,000 to the Climate Ready Existing Residential Buildings research project will be funded from the Climate and Environment Strategy Implementation project budget.

STRATEGIC PLAN, OCP OR POLICY IMPLICATIONS

The research and analysis required to inform the "Homes that Meet Today's Climate Context" Notice of Motion response and to develop strategies to ensure new and existing homes are safe and comfortable during extreme heat and air quality events supports the following goal of the Official Community Plan:

- 1.2 Plan with a long-term perspective to address the challenges associated with climate change.

In addition, this work is in keeping with the City's 2013 Climate Change Adaptation Plan objectives and the early directions of the Climate and Environment Strategy.

RESPECTFULLY SUBMITTED:



Larisa Lensink
Planner 2, Environmental Sustainability

MINUTES OF THE REGULAR MEETING OF COUNCIL HELD IN THE COUNCIL CHAMBER AND ELECTRONICALLY (HYBRID) FROM CITY HALL, 141 WEST 14TH STREET, NORTH VANCOUVER, BC, ON **MONDAY, JUNE 27, 2022**

NOTICE OF MOTION

28. Homes that Meet Today's Climate Context – File: 08-3400-01-0001/2022

Submitted by Mayor Buchanan

Moved by Mayor Buchanan, seconded by Councillor McIlroy

WHEREAS the City of North Vancouver Council vision is to be the healthiest small city with five key priorities, including a City for People;

WHEREAS a Liveable City leads the way in climate action and acts as a steward of the environment for future generations;

WHEREAS we all have the right to be safe and healthy in our own home, and extreme heat threatens that right;

WHEREAS climate change is a reality we cannot ignore and more extreme weather events are predicted to impact communities everywhere;

WHEREAS approximately 80% of City residents live in multi-family buildings, many built long before today's climate context;

AND WHEREAS in June 2022, the BC Coroners Service's Review of Heat-Related Deaths in BC in Summer 2021 report found that 619 lives were lost during the 2021 heat dome and that greater support for at-risk populations is needed during extreme heat emergencies;

THEREFORE BE IT RESOLVED THAT staff be directed to report to Council on the tools available to work with applicants early in the redevelopment process to ensure the homes being delivered will meet today's climate context, including enhanced cooling systems that respond to extreme heat;

BE IT FURTHER RESOLVED THAT staff be directed to report back on paths of advocacy and action to ensure multi-family homes are properly retrofitted to keep cool;

AND BE IT FINALLY RESOLVED THAT Mayor Buchanan, on behalf of Council, write to the federal and provincial Ministers responsible for housing, public safety, and the environment, stressing the threat extreme heat is to our individual health and the need for further investments in retrofitting BC.

CARRIED UNANIMOUSLY

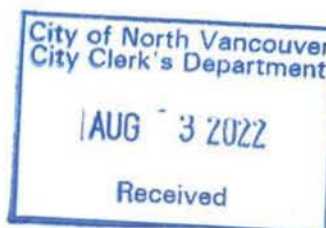
The City of North Vancouver
OFFICE OF MAYOR LINDA BUCHANAN



August 2, 2022

The Hon. Murray Rankin Q.C.
Minister of Indigenous Relations and Reconciliation and Attorney General of B.C. and
Minister Responsible for Housing
PO BOX 9051, STN PROV GOVT
Victoria, B.C.
V8W 9E2

The Hon. Ahmed Hussen
Minister of Housing and Diversity and Inclusion
House of Commons
Ottawa, Ontario,
K1A 0A6



SENT VIA EMAIL: AG.Minister@gov.bc.ca; ahmed.hussen@parl.qc.ca

Dear Minister Rankin and Minister Hussen:

Re: Homes That Meet Today's Climate Context

As Mayor in the City of North Vancouver, I want to thank you for the leadership you have shown through this pandemic. This has been a challenging time and I am very proud of how different levels of government have worked together to support people.

Last summer made the effects of climate change very real to people in a new way. In July 2021, the 'heat dome,' as it has come to be known, raised serious and urgent questions around if our home infrastructure can truly keep us cool and healthy during the summer.

As you are likely well aware, in June 2022 the BC Coroners Service's Review of Heat-Related Deaths in B.C. in Summer 2021 report found that 619 lives were lost during 2021 heat dome and that greater support for at-risk populations is needed during extreme heat emergencies. My mother-in-law was among those who passed away because of the extreme heat last year. It has become clear that many homes are not supporting the health, safety, and wellbeing of all people.

On the June 27, 2022 regularly scheduled meeting of Council, the City of North Vancouver Council unanimously passed my motion directing staff to explore the tools available to the City to ensure that we are delivering homes that meet today's climate context. Staff will report to Council on paths of advocacy and action to ensure that existing multi-family homes are adequately retrofitted, as well as how we can work with developers to ensure that homes built today have adequate cooling systems installed. I have attached the motion in full to this correspondence.

I brought forward this motion because all people deserve a safe and comfortable place to call home. This is a right we all share. But for too long we've ignored our climate reality and now this right it not being met. We cannot wait any longer to invest in new programs and infrastructure that will make our homes liveable during extreme heat. As we take action to lower our emissions, we must except that our climate has already changed and people need support as we adjust to this reality.

I am grateful for the programs currently in place, such as the provincial heat pump program, but more must be done to support people — particularly those in multi-family buildings. In the City of North Vancouver, over 80% of residents live in multi-family building. Many of these buildings are low-rise apartments built in the 1960s. Needless to say these older structures are wholly inadequate in today's

climate context. We need senior levels of government to invest urgently in the renewal of our purpose-build rental housing stock as these older buildings are nearing the end of their life.

I hope that together we can champion making communities and homes a safe and healthy place for all people as we face our climate realities. I believe there is a range of actions that we can take to ensure that renters and owners are able to stay cool and healthy. Please do not hesitate to reach out if you wish to discuss this matter further. As the City advances its work on this matter, I will be sure to keep you updated. You can always connect with me via my staff at mayor@cnv.org.

Best regards,



Mayor Linda Buchanan

c.c. City of North Vancouver Council
Hon. Mike Farnworth, Minister of Public Safety
Hon. George Heyman, Minister of Environment and Climate Change
Hon. Steven Guilbeault, Minister of Environment and Climate Change
Hon. Marco E. L. Mendicino, Minister of Public Safety
Hon. Bowinn Ma, Minister of State for Infrastructure and MLA for North Vancouver
Lonsdale
Hon. Jonathan Wilkinson, Minister of Minister of Natural Resources and MP for North Vancouver

Attachment

NOTICE OF MOTION

28. Homes that Meet Today's Climate Context – File: 08-3400-01-0001/2022

Submitted by Mayor Buchanan

RECOMMENDATION:

WHEREAS the City of North Vancouver Council vision is to be the healthiest small city with five key priorities, including a City for People;

WHEREAS a Liveable City leads the way in climate action and acts as a steward of the environment for future generations;

WHEREAS we all have the right to be safe and healthy in our own home, and extreme heat threatens that right;

WHEREAS climate change is a reality we cannot ignore and more extreme weather events are predicted to impact communities everywhere;

WHEREAS approximately 80% of City residents live in multi-family buildings, many built long before today's climate context;

WHEREAS in June 2022, the BC Coroners Service's Review of Heat-Related Deaths in BC in Summer 2021 report found that 619 lives were lost during the 2021 heat dome and that greater support for at-risk populations is needed during extreme heat emergencies;

THEREFORE BE IT RESOLVED THAT staff be directed to report to Council on the tools available to work with applicants early in the redevelopment process to ensure the homes being delivered will meet today's climate context, including enhanced cooling systems that respond to extreme heat;

BE IT FURTHER RESOLVED THAT staff be directed to report back on paths of advocacy and action to ensure multi-family homes are properly retrofitted to keep cool;

AND BE IT FINALLY RESOLVED THAT Mayor Buchanan, on behalf of Council, write to the federal and provincial Ministers responsible for housing, public safety, and the environment, stressing the threat extreme heat is to our individual health and the need for further investments in retrofitting BC.

CONTRIBUTION AGREEMENT

Toward Climate Ready, Zero Emission Residential Buildings

THIS AGREEMENT is dated January 23, 2023 (the “**Effective Date**”).

BETWEEN:

THE CORPORATION OF THE CITY OF NORTH VANCOUVER, having an office at 141 West 14th Street, North Vancouver, BC, V7M 1H9

(“**CNV**”)

AND:

VANCOUVER COASTAL HEALTH, a regional health authority pursuant to the *Public Health Act* (British Columbia), having an office at 601 West Broadway, Vancouver, BC, V5Z 4C2.

(“**VCH**”)

AND:

METRO VANCOUVER REGIONAL DISTRICT, a regional district pursuant to the *Local Government Act* (British Columbia), having an office at 4515 Central Boulevard, Burnaby, BC, V5H 0C6.

(“**Metro Vancouver**”)

(each a “**Party**” and collectively the “**Parties**”)

WHEREAS:

- A. The Parties wish to undertake a project (the “**Project**”) to identify evidence-based, public policies and programs that have strong potential to reduce heat-related and/or wildfire smoke-related mortality and morbidity, and understand the GHG impacts of the different measures identified, in existing residential buildings, in Metro Vancouver;
- B. The scope of the Project will include:
 - i. **Compilation and analysis** of short, medium, and long term building retrofits and other measures (“**measures**”) that will protect residents from extreme heat and wildfire smoke, in residential building archetypes in the City of North Vancouver and in the Metro Vancouver region, with priority given to multi-unit residential building archetypes; and,

- ii. **Policy and program recommendations** that would be relevant to the City of North Vancouver and to the Metro Vancouver region, and that have potential to enable implementation of the most promising measures;
- C. The Project supports the implementation of actions in CNV's 2013 Climate Adaptation Plan, as well as the development of the new CNV Climate and Environment Strategy, and CNV Council's direction to staff to report on paths of advocacy and action to ensure multi-family homes are properly retrofitted to keep cool;
- D. The Project supports actions in Metro Vancouver's *Clean Air Plan* and *Climate 2050 Buildings Roadmap* through better understanding of the implications of strategies that provide or enhance cooling and ventilation in residential buildings and that support greenhouse gas reductions and climate resiliency;
- E. The project supports VCH's Medical Health Officers' work to develop policy recommendations for reducing heat-related mortality and morbidity in residential buildings;
- F. The Parties have agreed that it is in their mutual best interests to undertake the Project; and
- G. The Parties have agreed to collaborate and contribute to the costs and implementation of the Project on the terms and conditions set out in this Agreement.

1. PROJECT

- 1.1. CNV will undertake a procurement process to retain one or more qualified consultants (the "**Consultants**") to carry out the Project in compliance with any applicable laws.
- 1.2. CNV, Metro Vancouver and any other government agencies as may be deemed appropriate by the Parties may participate on CNV's evaluation team that is established in connection with the procurement process for retaining the Consultants.
- 1.3. CNV will establish a Project's Advisory Committee, whose membership will be determined with input from VCH and Metro Vancouver, and will include coordination of the Project's Advisory Committee in the Consultants' scope of work.

2. TERM

- 2.1. The term of this Agreement will commence on the Effective Date and continue until the completion of the Project, unless terminated earlier in accordance with this Agreement.

3. PROJECT FUNDING

- 3.1. The Parties agree to contribute towards costs and expenses incurred for the Project in the amounts set out in the table below (the "Initial Contribution"):

CNV	\$25,000
VCH	\$25,000
Metro Vancouver	\$50,000
Total	\$100,000

- 3.2. CNV will only use the Initial Contribution towards the costs of the Project in accordance with this Agreement.
- 3.3. The parties have agreed to collaborate and contribute to the costs and implementation of the Project on the terms and conditions set out in this Agreement.

4. ROLES AND RESPONSIBILITIES

- 4.1 **VCH agrees to contribute to the administration of the Project by doing the following:**

- (a) Draft a project charter for the Project, and edit it based on the Parties' input;
- (b) Draft a Request for Proposal for prospective Consultants, and edit it based on the Parties' input;
- (c) Contribute to the establishment of an evaluation team and evaluation criteria for the Consultants and Participate in the selection of Consultants;
- (d) Take notes documenting the Parties' deliberations pertaining to the selection of Consultants;
- (e) Participate on the Project's Advisory Committee;
- (f) Review and provide feedback on Project Materials; and,
- (g) Co-supervise the Consultants.

4.2 CNV agrees to contribute to the administration of the Project by doing the following:

- (a) Provide feedback on the project charter for the Project;
- (b) Finalize and issue a Request for Proposal for prospective Consultants;
- (c) Contribute to the establishment of an evaluation team and evaluation criteria for the Consultants and participate in the selection of Consultants;
- (d) Save documentation pertaining to the selection of Consultants;
- (e) Participate on the Project's Advisory Committee;
- (f) Review and provide feedback on Project Materials; and,
- (g) Co-supervise the Consultants.

4.3 Metro Vancouver agrees to contribute to the administration of the Project:

- (a) Provide feedback on the project charter for the Project;
- (b) Provide feedback on the draft request for proposal for prospective Consultants;
- (c) Contribute to the establishment of an evaluation team and evaluation criteria
Participate in the selection of Consultants;
- (d) Participate on the Project's Advisory Committee;
- (e) Provide relevant templates for the Project;
- (f) Facilitate data sharing across the Parties and/or between CNV and relevant third parties; and,
- (g) Review and provide feedback on Project Materials.

2. PAYMENTS

- 2.1. CNV will invoice VCH and Metro Vancouver for the Initial Contribution, and VCH and Metro Vancouver will pay such invoice within 30 days of receipt.

3. OWNERSHIP AND USE OF MATERIALS

- 3.1. **"Materials"** means any and all materials developed in the course of, and relating to, the Project by CNV or the Consultant(s), including without limitation, all information,

deliverables, results, data, reports, documents, inventions and improvements, whether or not published or patentable.

- 3.2. CNV will provide Metro Vancouver and VCH with one copy of all Materials.
- 3.3. The Parties will jointly own all Materials and any intellectual property rights that arise in relation thereto and will acknowledge this joint ownership in any publication or presentation of such deliverables or in any public announcement with respect to the Project.

4. COMMUNICATIONS AND PUBLICATION

- 4.1. Neither Party will use the logos or name of the other Party, or the names of the other Party's staff, with respect to the Project or anything arising therefrom without the prior written consent of the other Party, which consent will not be unreasonably withheld or delayed.
- 4.2. Each Party will acknowledge the funding support provided by the other Party towards the Project in any publication, public announcement or presentation arising from the Project.
- 4.3. Each Party will request written approval from the Parties, at least 15 business days prior to publicly releasing any Materials that have not already been made public, and shall only publicly release Materials upon written approval of the Parties.

5. INDEMNIFICATION

- 5.1. Each Party hereby indemnifies and saves harmless the other Party, its elected officials, directors, officers, employees, and agents from and against any losses, liens, charges, claims, demands, suits, proceedings, recoveries and judgements (including legal fees and costs) arising from or related to the Party's breach of its obligations under this Agreement.

6. TERMINATION

- 6.1. If for any reason the Project does not proceed, this Agreement will automatically terminate.
- 6.2. Each Party may terminate this Agreement prior to its expiration, for convenience, upon 30 days' written notice to the Parties
- 6.3. Upon the expiration or termination of this Agreement, CNV will:
 - (a) deliver to the Parties all copies of the Materials, whatever their state of development at that time; and
 - (b) refund to the Parties, within 30 days, any unused portion of the Project budget on a pro-rata basis relative to the amount of the Contribution.

- 6.4. Notwithstanding any other term of the Agreement to the contrary, Sections 3, 4, 5, 6, 7, and 8, and all other provisions of the Agreement necessary to give effect thereto, will survive the expiry or termination of the Agreement.

7. NOTICES

- 7.1. All notices under this Agreement will be in writing, and will be given to and received by the addressee on the day when it is delivered, by hand, courier, email, or registered mail, at the following addresses:

If to CNV:

141 W 14th Street

North Vancouver, BC, V7M 1H9

Attention: Larisa Lensink, Planner 2, Environmental Sustainability

Email: llensink@cnv.org

If to Metro Vancouver:

4515 Central Boulevard

Burnaby, BC V5H 0C6

Attention: Erik Blair, Regional Planner II

Email: erik.blair@metrovanancouver.org

If to VCH:

800-601 West Broadway

Vancouver, BC V5Z 4C2

Attention: Alice Miro, Senior Policy Lead

Email: alice.miro@vch.ca

or to such other address as may be designated by a Party to the other Party, by giving a notice in writing in accordance with this Section 7.1.

8. GENERAL PROVISIONS

- 8.1. In the interpretation of this Agreement:
- (a) words importing the singular include the plural and vice versa, and words importing persons include individuals and entities;
 - (b) the words “include” and “including” are to be construed as meaning “including, without limitation”; and
 - (c) the division of this Agreement into sections and the insertion of headings are for convenience of reference only and will not affect the construction or interpretation of the Agreement.

- 8.2. This Agreement contains the entire agreement and understanding of the Parties with respect to the matters contemplated herein, and supersedes all prior and contemporaneous agreements between the Parties with respect to such matters.
- 8.3. Nothing in this Agreement nor any acts of the Parties will constitute or be deemed to constitute the Parties as partners, joint venturers or principal and agent in any way or for any purpose. Neither Party will represent or hold itself out to be an agent of the other Party and neither Party will have any authority to act for or to assume any obligations or responsibilities on behalf of the other Party.
- 8.4. Each Party will from time to time execute and deliver all such further documents and instruments and do all acts and things as the other Party may reasonably require to give effect to this Agreement.
- 8.5. No amendment to this Agreement is effective unless set forth in writing and signed by the Parties.
- 8.6. This Agreement may not be assigned by a Party without the prior written consent of the other Party.
- 8.7. This Agreement will endure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.
- 8.8. Nothing in this Agreement will be construed to give any rights or benefits to anyone other than the Parties.
- 8.9. This Agreement is governed by and will be construed in accordance with the laws of the Province of British Columbia and the laws of Canada applicable therein. The Parties hereby attorn to the jurisdiction of the courts of British Columbia as the exclusive venue for any dispute relating to this Agreement.
- 8.10. This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original and all of which taken together will be deemed to constitute one and the same instrument. Delivery of an executed signature page to this Agreement by a Party by electronic transmission will be as effective as delivery of a manually executed copy of this Agreement by such Party.
- 8.11. The Parties agree that third parties may make additional financial contributions to the Project, and subject to the approval of the Parties acting reasonably, may become parties to this Agreement by signing an addendum (the "Additional Funding Party Addendum") in the form attached as "Schedule A" hereto (any such third party, an "Additional Funding Party"). The Parties agree that upon the execution of an

Additional Funding Party Addendum, an Additional Funding Party will be a “Party” for purposes of this Agreement.”

IN WITNESS WHEREOF the Parties have executed this Agreement as of the date first above written.

METRO VANCOUVER REGIONAL DISTRICT
by its authorized signatory

Name:
Title:

THE CORPORATION OF THE CITY OF NORTH VANCOUVER
by its authorized signatory

Name:
Title:




Name:
Title:

VANCOUVER COASTAL HEALTH
by its authorized signatory

Name:
Title:

THIS PAGE INTENTIONALLY LEFT BLANK



 Department Manager	 Director	 CAO
---	---	--

The Corporation of **THE CITY OF NORTH VANCOUVER**
STRATEGIC & CORPORATE SERVICES DEPARTMENT

REPORT

To: Mayor Linda Buchanan and Members of Council

From: Brian Lightfoot, Manager, Real Estate

Subject: AUTHORIZATION FOR STAFF TO NEGOTIATE STATUTORY RIGHTS
OF WAY FOR CITY BENEFIT AND PUBLIC UTILITIES FOR THE
NORTH SHORE NEIGHBOURHOOD HOUSE LANDS

Date: February 16, 2023 File No: 02-0800-30-0031/1

The following is a suggested recommendation only. Refer to Council Minutes for adopted resolution.

RECOMMENDATION

PURSUANT to the report of the Manager, Real Estate, dated February 16, 2023, entitled "Authorization for Staff to Negotiate Statutory Rights of Way for City Benefit and Public Utilities for the North Shore Neighbourhood House Lands":

THAT Council authorize staff to negotiate any required statutory rights of way and related legal agreements to secure the delivery and provision of services for the City or from various public utilities necessary for the properties within the North Shore Neighbourhood House Lands which includes 207-225 East 2nd Street and 200-236 East 1st Street (the "NSNH Lands"), and allow such agreements to be registered on the NSNH Lands as required;

THAT "Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965" (Derek Inman Parklands Adjustment) be considered;

THAT staff be directed to initiate an Alternative Approval Process regarding "Parks Dedication Bylaw, 1972, No. 4932, Amendment Bylaw, 2023, No. 8965" (Derek Inman Parklands Adjustment);

THAT any required notices be published in accordance with Sections 26, 40, 86 and 94 of the *Community Charter*;

AND THAT the Mayor and the Corporate Officer be authorized to execute utility statutory rights of way and related agreements over the NSNH Lands as

described in the report of the Manager, Real Estate, dated February 16, 2023
"Authorization for Staff to Negotiate Statutory Rights of Way for City Benefit and Public Utilities for the North Shore Neighbourhood House Lands".

ATTACHMENTS

1. Park Dedication Amendment Bylaw, 2023, No. 8965 (Derek Inman Parklands Adjustment) (CityDocs [#2335684](#))

BACKGROUND

This report requests Council approval for staff to negotiate and for the Mayor and the Corporate Officer to execute statutory rights of way (SRWs) in favour of the City and third party public utilities which may be required for the redevelopment of the NSNH Lands. These documents will be required at various phases of the redevelopment and reconfiguration of the NSNH Lands located at the 200 block of East 1st and 2nd Streets. City staff are currently working through conditions that are required to be fulfilled prior to the subdivision of the NSNH Lands into the three parcels shown in the sketch plan below. The site preparation and subdivision is what is referred to as Phase 0 and part of this work is the relocation of existing utilities that currently run east to west within the Phase 1 site to what is shown as the "Phase 1 Laneway" below. Phase 1 is expected to begin development this year following subdivision, but Phase 2 and Phase 3 will occur as adequate City funds become available. The Capital budget does not currently indicate expenses towards Phase 2 beginning prior to 2026.



Due to the relocation of utilities to the Phase 1 laneway which is still part of Derek Inman Park, staff are also seeking Council's consideration of a bylaw to amend "Parks Dedication Bylaw, 1972, No. 4392" to remove the dedication and legal notation establishing those parcels as park. This is necessary for subdivision and will allow for registration of the required SRWs, as required by the third party utilities.

DISCUSSION

Utilities such as BC Hydro, Fortis, Lonsdale Energy Corporation and telecom providers typically provide public services directly from the road allowance. Ideally, utilities are designed so that a SRW is not required, however in some cases this is not possible. In cases where the utility is supplied to more than one structure or location on a site, the utility will seek a registered SRW to secure the right to maintain their services on City owned property. Entering into a SRW with public utilities is common in development projects. Fortis and BC Hydro are currently requesting four separate SRW's over parcels as shown in the figure below.



The utilities are proposed to be relocated underground through a parcel ("Lot 34") addressed as 236 East 1st Street and currently used as laneway, and possibly portions of the adjacent parcel to the west ("Lot 35") which is used for parking. These parcels are still part of Derek Inman Park and there is a legal notation on title establishing this parcel as park. This notation currently prevents the City from registering certain charges on the property and because utilities require their SRWs to be registered, the notation needs to be removed which can only be done with a bylaw to amend the Parks

Dedication Bylaw, 1972, No. 4392. It should be noted that Lot 35 will continue to be used as park once the utilities are installed underground and will be incorporated into the newly configured Derek Inman Park shown in the figure above as Phase 3. As for Lot 34, regardless of the SRWs, this laneway is to be dedicated as road at subdivision so Lot 34 cannot continue to be dedicated as park, even though it will provide access to the future park.

Pursuant to the requirements of the *Community Charter*, a bylaw that removes a park dedication from land may only be adopted with the approval of the electors, so staff propose to undertake an alternate approval process (AAP) to ascertain electorate support. The AAP, as set out in the *Community Charter*, provides opportunity for eligible electors to express their opinion for the proposal. If less than 10% of electors are opposed, Council may adopt the amendment. The City Clerk will report back to Council with the AAP results before Council considers the bylaw for adoption.

The third party public utilities will use their standard form which is already filed in the Land Title Office as standard charge terms. The terms of these documents are typically non-negotiable, except for project-specific terms and conditions.

Portions of this sites will contain City utilities, therefore staff request authority to enter into SRWs over the site for the City's benefit as necessary.

FINANCIAL IMPLICATIONS

There are no financial implications expected as a result of these recommendations. The utilities will cover the cost of registering their SRW's. It is expected that City staff will complete the City SRW's and in the event external legal services are required it would be covered by the City's legal services budget.

RESPECTFULLY SUBMITTED:



Brian Lightfoot, Manager Real Estate

THE CORPORATION OF THE CITY OF NORTH VANCOUVER

BYLAW NO. 8965

A Bylaw to amend “Parks Dedication Bylaw, 1972, No. 4392”

The Council of The Corporation of the City of North Vancouver, in open meeting assembled, enacts as follows:

1. This Bylaw shall be known and cited for all purposes as **“Parks Dedication Bylaw, 1972, No. 4392, Amendment Bylaw, 2023, No. 8965” (Derek Inman Parklands Adjustment)**.
2. “Parks Dedication Bylaw, 1972, No. 4392” is hereby amended by:
 - A. Deleting Part 1(a) and replacing it with “Lots 36-40, inclusive, Block 154, District Lot 274, Plan 878.”

READ a first time on the <> day of <>, 2023.

READ a second time on the <> day of <>, 2023.

READ a third time on the <> day of <>, 2023.

ADOPTED on the <> day of <>, 2023.

MAYOR

CORPORATE OFFICER

THIS PAGE INTENTIONALLY LEFT BLANK



 Department Manager	 Director	 CAO
--	---	--

The Corporation of **THE CITY OF NORTH VANCOUVER**
FINANCE DEPARTMENT

REPORT

To: Mayor Linda Buchanan and Members of Council

From: Larry Sawrenko, Chief Financial Officer

Subject: 2023 EARLY APPROPRIATIONS

Date: February 24, 2023 File No: 05-1705-30-0019/2023

The following is a suggested recommendation only. Refer to Council Minutes for adopted resolution.

RECOMMENDATION

PURSUANT to the report of the Chief Financial Officer, dated February 24, 2023, entitled "2023 Early Appropriations":

THAT (Funding Appropriation #2301) an amount of \$50,000 be appropriated from the General Capital Reserve for the purpose of funding the 2022-2031 Capital Plan;

THAT (Funding Appropriation #2302) an amount of \$150,000 be appropriated from the Engineering Equipment Replacement Reserve for the purpose of funding the 2022-2031 Capital Plan;

AND THAT should any of the above amounts remain unexpended as at December 31, 2026, the unexpended balances shall be returned to the credit of the respective reserve.

ATTACHMENTS

1. 2022-2031 Capital Plan (CityDoc [2154055](#))
2. 2023 Project Descriptions and Funding Allocations (CityDoc [2335447](#))

SUMMARY

This report follows Council's approval of the 2022-2031 Capital Plan and review of the Draft 2023-2027 Capital Plan, and provides details of two projects where early appropriations are recommended.

DISCUSSION

Council endorsed CNV's current 2022-2031 Capital Plan (**Attachment 1**) on February 28, 2022, which was subsequently incorporated into CNV's current 2022-2026 Financial Plan as approved on April 11, 2022.

At its Finance Committee meeting on February 13, 2023, Council reviewed and provided feedback on the Draft 2023-2027 Capital Plan. Staff are currently incorporating Council's feedback into a revised plan and are planning to bring this revised plan to Council for further consideration at its March 27th meeting.

In the interim, there are two projects that were approved in the 2022-2031 Capital Plan and 2022-2026 Financial Plan, and were included in the Draft 2023-2027 Capital Plan, that are somewhat time sensitive. This report recommends that funds be appropriated so expenditures relating to these two projects can be made. The reasons behind these recommendations are provided below. Reference and page numbers in the below headings are from the 2022-2031 Capital Plan.

Ref# 8-2, pg 21) Engineering Equipment

- This project provides funding for the ongoing replacement of vehicles and equipment to ensure the Engineering, Operations & Environment Department has reliable vehicles and equipment to meet operational needs. The recommended \$150,000 appropriation is to replace a Ford F550 vehicle lost to fire in late 2022. The total amount included in the 2022-2031 Capital Plan for 2023 spending for this project is \$910,000.

Ref# 10-7, pg 23) Block Funding - Engineering Equipment (\$50,000)

- This project provides funding to enable the Engineering, Parks, & Environment Department to purchase miscellaneous equipment items under \$10,000. The \$50,000 appropriation is recommended as the \$50,000 of block funding approved in 2022 for miscellaneous equipment purchases now been exhausted. The total amount included in the 2022-2031 Capital Plan for 2023 spending for this project is also \$50,000.

The above two projects were also included in the Draft 2023-2027 Financial Plan and Staff plan to again bring the above two projects forward in a revised 2023-2027 Capital Plan that incorporates Council's feedback as provided on February 13th. **Attachment 2** provides additional information.

FINANCIAL IMPLICATIONS

Sections 173(1) and 173(2) of the Community charter specifies that a municipality must not make an expenditure unless it is included in its Financial Plan for that year. Funding for the recommended expenditures is included in CNV's current 2022-2026 Financial Plan as previously approved by Council.

Sufficient funding is available in the General Capital Reserve and the Engineering Equipment Replacement Reserve for the recommended appropriations.

Appropriation is the final step in the funding of these projects and, if approved, will allow funds to be expended.

INTER-DEPARTMENTAL IMPLICATIONS

The Financial Plan is a reflection of CNV's policies and the work plans of all CNV departments. Finance staff relied on their close working relationships with the Engineering, Parks & Environment Department in the development of this Report and its recommendations.

STRATEGIC PLAN, OCP OR POLICY IMPLICATIONS

The preparation and approval of a Financial Plan is consistent with the requirements of the Community Charter and several of the objectives of the City's 2014 Official Community Plan. Financial Plans are also prepared taking into consideration the 2018-2022 Council Strategic Plan.

RESPECTFULLY SUBMITTED:



Larry Sawrenko
Chief Financial Officer



2022 – 2031 Capital Plan

MARCH 16, 2022 | FINANCE DEPARTMENT



THIS PAGE INTENTIONALLY LEFT BLANK

Table of Contents

2022-2031 Capital Plan

Basic Assumptions.....	2
Structure of the Plan	3
Project Types	4-5
Capital Plan Summary	6
Land and Major Investments.....	7
Buildings	8-10
Structures Summary	11
Transportation and Streets	12-13
Parks and Environment.....	14-15
Public Art.....	16
Equipment Summary	17
General Equipment	18
Information Technology	19-20
Engineering Equipment.....	21
Fire Equipment.....	22
Block Funding, On-Going Programs, One-Time Studies	23-24
Reserves and Other Funding.....	25-36

Basic assumptions underlying the Plan include:

1. When provided, costs are based upon the best currently available information, and this means that some of the costs are more accurate than others. Factors affecting accuracy include the level of detailed planning which has been completed for the individual projects and plans, and the timing of the projects. In general, 2022 costs are more accurate than costs for future years. This plan is sensitive to the cost of constructing the new Harry Jerome Community Recreation Centre ("HJCRC"), as it is the largest capital project that the City has ever undertaken. Currently, the cost estimates included in this plan are based on a Class B estimate from November 2021. A revised Class A estimate is currently under development.

Forecast Assumptions

2. The Plan reflects the current budget for 2022, and provides a forecast estimate of subsequent year-to-year funding. Only the current year budgets will be used to appropriate funds. It's also possible that these 2022 budgets are revised in mid 2022 if a Revised Financial Plan is considered and approved by Council. Subsequent years' forecasts will likely also be revised in the following years' Plans.

3. The Plan reflects the City's longstanding practice of using internal reserves as the basis for financing. The Plan is sensitive to reserve contribution fluctuations from Community Amenity Contributions, Density Sales, and land dispositions, and from interest rate fluctuations.

4. The City currently has no material amounts of debt. There is forecasted short term, low cost debt of \$117,000,000 in 2022 from the Municipal Finance Authority of BC ("MFA"). This debt is for the replacement of the Harry Jerome Community Recreation Centre ("HJCRC") and is planned to be repaid from the disposition of the Harry Jerome Neighborhood Lands ("HJNL"). Then, in 2026, addition debt to fund the North Shore Neighbourhood House is planned and expected to be repaid through transfers from the Civic Amenity Reserve Fund.

Contribution Assumptions

5. Contributions include amounts anticipated through fundraising and other private contributions, including those provided by developers, as well as contributions from senior levels of government, where these may be available.

6. Anticipated contributions from outside sources are shown as a source of funds for projects in the Plan where it is reasonable to anticipate receipt of the funds. However, it should be noted that, for projects funded by contributions, the project scope as envisioned cannot be guaranteed if the contributions are not forthcoming.

Structure of the Plan

The materials included provide summary information, followed by complete detailed listings of all projects included in the Plan.

Projects are grouped into ten categories as follows:

1. Land and Major Investments;
2. Buildings;
3. Structures – Streets and Transportation;
4. Structures – Parks and Environment;
5. Structures – Public Art;
6. Equipment – General;
7. Equipment – Information Technology;
8. Equipment – Engineering;
9. Equipment – Fire; and
10. Block Funding, On-Going Programs and Other Projects.

It should also be noted that the 10 sections are further summarized into four additional categories. The Plan information is summarized into those four categories on page 5 of the Plan:

1. Land/Major Investments - Section 1
2. Buildings - Section 2
3. Structures - Sections 3 to 5
4. Equipment - Sections 6 to 10

Capital Project Types

It is the City's long-standing policy to place the maintenance of existing infrastructure as a first priority, and to only take on new facilities and programs when both an operating and capital source of funds sufficient to ensure successful completion and maintenance of facilities and ongoing program delivery can be identified. Based on this premise, and given the fact that there is generally little discretion about funding basic maintenance projects, the projects identified as "Maintenance & Replacement" are considered as being part of the Base Program. Also included in the Base Program are ongoing programs such as the annual allocation of \$85,000 to public art. Base programs are colour coded green in the left-hand column of the detailed project listings.

Projects in the Dedicated Funds and New Initiatives category would provide new facilities and/or new levels of service to the community. These projects have been color coded in Blue and Red respectively. Blue projects are those that have a dedicated source of funding in conformity with the terms of reference of the reserve bylaws. Red projects are projects that do not have a dedicated source of funding. Funding of Blue projects is from reserves that provide little flexibility to fund other projects. On the other hand, Red projects funding usually is more flexible to swap between projects in case of plan shortfall. That is, the deletion of Blue projects to reduce a shortfall will likely not have an impact as the funding will remain frozen in the reserve and unavailable for other projects. On the other hand, the deletion of Red projects would free funds to fund other projects.

Provisions are included in the plan to provide Council with some flexibility to fund projects from various designated sources, as such they are color coded in Blue. Such provisions can only be appropriated after a project has been identified and approved by Council. The deletion of this type of project will usually not provide funding for other projects or reduce a shortfall.

A summary of the total value, including external funding, of Base Program, Dedicated Funds, and New Initiative projects is as follows:

10 Year Summary (Excluding Utilities)

Section	Base Program	Dedicated Funds	New Initiatives	Total
1 - Land & Major Investments	-	\$ 15,160,000	\$ 15,000,000	\$ 30,160,000
2 - Buildings	10,638,996	192,999,778	50,070,160	253,708,935
3 - Streets & Transportation	24,652,500	29,520,900	54,706,600	108,880,000
4 - Parks & Environment	6,747,500	12,217,250	13,102,750	32,067,500
5 - Public Art	-	850,000	-	850,000
6 - General Equipment	4,892,522	901,078	940,200	6,733,800
7 - IT Equipment	12,757,300	528,400	77,000	13,362,700
8 - Engineering Equipment	35,000	7,933,000	-	7,968,000
9 - Fire Equipment	-	5,405,000	-	5,405,000
10 - Block Funding, Ongoing Progr, Other Projects	7,748,629	1,584,681	14,162,000	23,495,310
TOTAL	\$ 67,472,447	\$ 267,100,088	\$ 148,058,710	\$ 482,631,245

Capital Project Types

Year 2022 Summary (Excluding Utilities)

Section	Base Program	Dedicated Funds	New Initiatives	Total
1 - Land & Major Investments	-	\$ 28,360,000	\$ -	\$ 28,360,000
2 - Buildings	1,279,508	172,335,591	508,160	174,123,259
3 - Streets & Transportation	1,170,000	1,591,900	2,833,100	5,595,000
4 - Parks & Environment	505,000	-	50,000	555,000
5 - Public Art	-	85,000	-	85,000
6 - General Equipment	621,451	340,349	40,000	1,001,800
7 - IT Equipment	923,600	217,200	70,000	1,210,800
8 - Engineering Equipment	35,000	845,000	-	880,000
9 - Fire Equipment	-	270,000	-	270,000
10 - Block Funding, Ongoing Progr, Other Projects	835,963	501,577	1,618,000	2,955,540
TOTAL	\$ 5,370,522	\$ 204,546,617	\$ 5,119,260	\$ 215,036,399

2022 - 2031 CAPITAL PLAN SUMMARY

	2022	2023	2024	2025	2026	2027-2031	Total
<u>GENERAL CAPITAL TOTALS</u>							
FUNDING REQUESTED	\$ 215,036,399	\$ 34,834,992	\$ 42,543,695	\$ 32,647,157	\$ 24,921,577	\$ 132,647,425	482,631,245
CITY FUNDING	197,022,604	30,504,121	37,441,025	31,633,848	18,016,526	119,378,321	433,996,444
CONTRIBUTIONS	18,013,795	4,330,871	5,102,670	1,013,309	6,905,051	13,269,104	48,634,800
FUNDING EXCESS (SHORTFALL)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

2022 - 2031 CAPITAL PLAN LAND AND MAJOR IMPROVEMENTS

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
Various Land Acquisitions									
1 - 2	TSL Princ	Strategic Land Acquisition	3,500,000	-	-	-	-	-	3,500,000
			\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
Parks Acquisition - DCC Bylaw Commitment									
1 - 3	Parks DCC / General Capital Res	Provision for Park Acquisition	9,000,000	-	-	-	-	-	9,000,000
			\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000
Major Investments									
1 - 4	Aff Hsing	Affordable Housing Reserve	560,000	200,000	200,000	200,000	200,000	1,000,000	2,360,000
1 - 4	External	Provision for External Funding and Contributions	15,000,000	-	-	-	-	-	15,000,000
			\$ 15,560,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 17,360,000
Cemetery									
1 - 5	Cemetery	City Cemetery Program	300,000	-	-	-	-	-	300,000
			\$ 300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 28,360,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 30,160,000
TOTAL CONTRIBUTIONS			\$ 15,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
NET FUNDING REQUESTED			\$ 13,360,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 15,160,000

2022-2031 CAPITAL PLAN BUILDINGS

	2022	2023	2024	2025	2026	2027-2031	Total
Summary of Building Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Capital Maintenance	1,803,500	2,703,000	3,090,500	1,728,840	1,626,960	3,150,240	14,103,040
Harry Jerome CRC	167,871,040	11,438,934	4,986,585	377,000	377,000	377,000	185,427,559
Proposed New Projects	4,448,719	167,617	652,000	1,920,400	173,400	46,816,200	54,178,336
TOTAL FUNDING REQUESTED	\$ 174,123,259	\$ 14,309,551	\$ 8,729,085	\$ 4,026,240	\$ 2,177,360	\$ 50,343,440	\$ 253,708,935
CONTRIBUTIONS							
Capital Maintenance	223,992	465,003	678,015	259,567	498,053	339,414	2,464,044
Harry Jerome CRC	-	-	2,341,737	-	-	-	2,341,737
Proposed New Projects	1,030,000	-	-	-	-	-	1,030,000
TOTAL CONTRIBUTIONS	\$ 1,253,992	\$ 465,003	\$ 3,019,752	\$ 259,567	\$ 498,053	\$ 339,414	\$ 5,835,781
NET FUNDING REQUESTED							
Capital Maintenance	1,579,508	2,237,997	2,412,485	1,469,273	1,128,907	2,810,826	11,638,996
Harry Jerome CRC	167,871,040	11,438,934	2,644,847	377,000	377,000	377,000	183,085,821
Proposed New Projects	3,418,719	167,617	652,000	1,920,400	173,400	46,816,200	53,148,336
TOTAL CITY FUNDING REQUESTED	\$ 172,869,267	\$ 13,844,548	\$ 5,709,332	\$ 3,766,673	\$ 1,679,307	\$ 50,004,026	\$ 247,873,154

2022-2031 CAPITAL PLAN BUILDINGS

			2022	2023	2024	2025	2026	2027-2031	Total
Page	Funding Source	Capital Maintenance							
2 - 4	General Capital Res	Maintenance, Repair & Replacement - City Hall	150,000	582,000	110,000	60,480	105,280	370,720	1,378,480
2 - 5	General Capital Res	Maintenance, Repair & Replacement - Gerry Brewer Building	184,008	381,997	556,985	213,233	409,147	278,826	2,024,196
2 - 5	External	Maintenance, Repair & Replacement - Gerry Brewer Building - ROF	223,992	465,003	678,015	259,567	498,053	339,414	2,464,044
2 - 6	General Capital Res	Maintenance, Repair & Replacement - Fire Hall	173,000	124,000	111,000	33,600	234,080	221,760	897,440
2 - 7	General Capital Res	Maintenance, Repair & Replacement - City Owned / Non-City Used Buildings	228,500	115,000	762,500	89,600	104,720	478,240	1,778,560
2 - 8	General Capital Res	Maintenance, Repair & Replacement - Parks Buildings	92,000	178,000	63,000	62,720	62,720	313,600	772,040
2 - 9	General Capital Res	Maintenance, Repair & Replacement - Operations Centre	75,000	97,000	103,000	61,040	24,640	257,600	618,280
2 - 10	General Capital Res	Maintenance, Repair & Replacement - Civic Library	107,000	75,000	16,000	593,600	68,320	290,080	1,150,000
North Vancouver Recreation & Culture Commission			-	-	-	-	-		
2 - 11	General Capital Res	Centennial Theatre	200,000	170,000	360,000	135,000	70,000	350,000	1,285,000
2 - 13	General Capital Res	John Braithwaite Community Centre	55,000	185,000	50,000	50,000	50,000	250,000	640,000
2 - 15	General Capital Res	Harry Jerome - Major Repairs	300,000	300,000	250,000	150,000	-	-	1,000,000
2 - 16	General Capital Res	Memorial Community Recreation Centre	15,000	15,000	15,000	15,000	-	-	60,000
2 - 17	General Capital Res	Mickey McDougall Community Recreation Centre	-	15,000	15,000	5,000	-	-	35,000
TOTAL REQUESTED IN PROJECT SHEETS			\$ 1,803,500	\$ 2,703,000	\$ 3,090,500	\$ 1,728,840	\$ 1,626,960	\$ 3,150,240	\$ 14,103,040
CONTRIBUTIONS			\$ 223,992	\$ 465,003	\$ 678,015	\$ 259,567	\$ 498,053	\$ 339,414	\$ 2,464,044
NET FUNDING REQUESTED			\$ 1,579,508	\$ 2,237,997	\$ 2,412,485	\$ 1,469,273	\$ 1,128,907	\$ 2,810,826	\$ 11,638,996
Major Projects									
Harry Jerome CRC									
2 - 18	Civic Amenity - HJ/ Parking R	Harry Jerome Community Recreation Centre	148,947,149	10,059,881	1,489,022	-	-	-	160,496,052
2 - 19	General Capital Res	Provision - HJCRC Outside Consulting	200,000	-	-	-	-	-	200,000
2 - 20	Civic Amenity - HJ	Mickey McDougall Feasibility Study & Building Upgrades	-	-	901,410	377,000	377,000	377,000	2,032,410
2 - 20	External	Mickey McDougall Feasibility Study & Building Upgrades - ROF	-	-	2,341,737	-	-	-	2,341,737
2 - 21	Civic Amenity - HJ	Silver Harbour Seniors Activity Centre	18,723,891	1,379,053	254,415	-	-	-	20,357,359
TOTAL REQUESTED IN PROJECT SHEETS			\$ 167,871,040	\$ 11,438,934	\$ 4,986,585	\$ 377,000	\$ 377,000	\$ 377,000	\$ 185,427,559
CONTRIBUTIONS			\$ -	\$ -	\$ 2,341,737	\$ -	\$ -	\$ -	\$ 2,341,737
NET FUNDING REQUESTED			\$ 167,871,040	\$ 11,438,934	\$ 2,644,847	\$ 377,000	\$ 377,000	\$ 377,000	\$ 183,085,821

**2022-2031 CAPITAL PLAN
BUILDINGS**

			2022	2023	2024	2025	2026	2027-2031	Total
Page	Funding Source	Proposed New Projects							
<i>Library</i>									
2 - 22	General Capital Res	City Library Middle Years Space	108,160	-	-	-	-	-	108,160
2 - 22	External	City Library Middle Years Space - ROF	30,000	-	-	-	-	-	30,000
<i>Shipyards Commons Site</i>									
2 - 23	General Capital Res	The Shipyards Pier and Wharf Upgrades	-	-	40,000	-	-	-	40,000
2 - 24	General Capital Res	The Shipyards Electrical & Water Site Improvements	-	-	80,000	-	-	-	80,000
2 - 25	General Capital Res	Optimization of the Shipyards Pedestrian Realm and Access Network	-	-	50,000	-	-	-	50,000
2 - 26	General Capital Res	Shipyards Destination Infrastructure Upgrades Project	200,000	-	-	-	-	-	200,000
2 - 26	External	Shipyards Destination Infrastructure Upgrades Project - ROF	1,000,000	-	-	-	-	-	1,000,000
<i>City</i>			-	-	-	-	-	-	-
2 - 27	General Capital Res	City Hall Facility Projects	-	-	79,000	50,400	22,400	168,000	319,800
2 - 29	General Capital Res	City Hall Envelope & Glazing Upgrades	-	-	-	1,870,000	-	-	1,870,000
2 - 30	General Capital Res	PGE Station Provision	-	-	403,000	-	-	-	403,000
<i>General</i>			-	-	-	-	-	-	-
2 - 31	Civic Amenity	North Shore Neighborhood House & Derek Inman Park	-	-	-	-	151,000	46,648,200	46,799,200
2 - 32	Affordable Housing	North Shore Neighbourhood House Site Development Preparation	3,021,000	167,617	-	-	-	-	3,188,617
2 - 33	Heritage	Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
TOTAL REQUESTED IN PROJECT SHEETS			\$ 4,448,719	\$ 167,617	\$ 652,000	\$ 1,920,400	\$ 173,400	\$ 46,816,200	\$ 54,178,336
CONTRIBUTIONS			\$ 1,030,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,030,000
NET FUNDING REQUESTED			\$ 3,418,719	\$ 167,617	\$ 652,000	\$ 1,920,400	\$ 173,400	\$ 46,816,200	\$ 53,148,336

2022-2031 CAPITAL PLAN STRUCTURES SUMMARY

	2022	2023	2024	2025	2026	2027-2031	Total
Summary of Structure Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
Streets and Transportation	5,595,000	12,530,000	13,820,000	8,705,000	16,720,000	51,510,000	108,880,000
Parks	555,000	1,392,500	13,240,000	13,190,000	645,000	3,045,000	32,067,500
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
TOTAL FUNDING REQUESTED	\$ 6,235,000	\$ 14,007,500	\$ 27,145,000	\$ 21,980,000	\$ 17,450,000	\$ 54,980,000	\$ 141,797,500
CONTRIBUTIONS							
Streets and Transportation	785,000	3,595,000	1,710,000	610,000	6,225,000	12,225,000	25,150,000
Parks	-	-	-	-	-	-	-
Public Art	-	-	-	-	-	-	-
TOTAL CONTRIBUTIONS	\$ 785,000	\$ 3,595,000	\$ 1,710,000	\$ 610,000	\$ 6,225,000	\$ 12,225,000	\$ 25,150,000
DCC FUNDING							
Streets and Transportation	306,900	965,250	1,361,250	-	1,237,500	-	3,870,900
Parks	-	148,500	3,440,250	5,346,000	-	-	8,934,750
Public Art	-	-	-	-	-	425,000	850,000
TOTAL DCC FUNDING	\$ 306,900	\$ 1,113,750	\$ 4,801,500	\$ 5,346,000	\$ 1,237,500	\$ 425,000	\$ 13,655,650
NET FUNDING REQUESTED							
Streets and Transportation	4,503,100	7,969,750	10,748,750	8,095,000	9,257,500	39,285,000	79,859,100
Parks	555,000	1,244,000	9,799,750	7,844,000	645,000	3,045,000	23,132,750
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
TOTAL CITY FUNDING REQUESTED	\$ 5,143,100	\$ 9,298,750	\$ 20,633,500	\$ 16,024,000	\$ 9,987,500	\$ 42,755,000	\$ 103,841,850

2022-2031 CAPITAL PLAN TRANSPORTATION AND STREETS

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
Active Transportation & Safe Mobility									
3 - 3	Civic Amenity	New Traffic Signals	865,000	950,000	1,010,000	1,000,000	1,000,000	5,000,000	9,825,000
3 - 5	General Capital Res	Traffic Signal System Upgrades	370,000	320,000	300,000	500,000	500,000	2,500,000	4,490,000
3 - 7	General Capital Res	City-Wide LED Streetlight Upgrade	250,000	-	-	-	-	-	250,000
3 - 8	General Capital Res	Traffic Signal LED Replacement	-	300,000	-	-	-	-	300,000
3 - 9	General Capital Res	Street Light and Traffic Signal Aging Pole Replacement	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3 - 11	General Capital Res	Traffic Signal Pre-Emption for Fire Emergency Vehicles	80,000	80,000	80,000	80,000	80,000	400,000	800,000
3 - 13	Civic Amenity	Neighbourhood Traffic Safety and Infrastructure Improvements Program	350,000	615,000	865,000	515,000	515,000	1,950,000	4,810,000
3 - 13	External	Neighbourhood Traffic Safety and Infrastructure Improvements Program - ROF	50,000	50,000	50,000	50,000	50,000	250,000	500,000
3 - 15	Civic Amenity	Installation of Accessible Pedestrian Units	35,000	35,000	35,000	35,000	35,000	175,000	350,000
3 - 17	Civic Amenity	Pedestrian and Roadway Lighting Implementation	300,000	300,000	450,000	450,000	450,000	2,250,000	4,200,000
3 - 19	General Capital Res	Street Lighting Central Management System	-	-	-	100,000	-	-	100,000
3 - 20	Civic Amenity	Upper Levels Greenway	126,250	984,750	1,388,750	-	-	-	2,499,750
3 - 20	External	Upper Levels Greenways - ROF	-	970,000	745,000	-	-	-	1,715,000
3 - 20	DCC	Upper Levels Greenways - DCC	123,750	965,250	1,361,250	-	-	-	2,450,250
3 - 21	General Capital Res	Carson Graham School Area Active Transportation Improvements	-	500,000	1,725,000	900,000	-	-	3,125,000
3 - 21	External	Carson Graham School Area Active Transportation Improvements - ROF	-	500,000	-	-	-	-	500,000
3 - 22	General Capital Res	Active and Safe Routes to School	-	150,000	150,000	150,000	150,000	250,000	850,000
3 - 23	General Capital Res	Public Realm Improvements	50,000	135,000	50,000	50,000	50,000	335,000	670,000
3 - 25	General Capital Res	Living City Tree Program	120,000	280,000	200,000	120,000	120,000	600,000	1,440,000
3 - 25	External	Living City Tree Program - ROF	55,000	5,000	5,000	5,000	5,000	25,000	100,000
3 - 27	Civic Amenity	New Sidewalk To Complete the Pedestrian Network	151,500	500,000	500,000	500,000	500,000	2,500,000	4,651,500
3 - 27	External	New Sidewalk To Complete the Pedestrian Network - ROF	-	90,000	10,000	10,000	-	-	110,000
3 - 27	DCC	New Sidewalk To Complete the Pedestrian Network - DCC	148,500	-	-	-	-	-	148,500
3 - 28	General Capital Res	Public Realm Accessibility Improvements	20,000	20,000	20,000	20,000	20,000	100,000	200,000
3 - 28	External	Public Realm Accessibility Improvements - ROF	10,000	10,000	-	-	-	-	20,000
3 - 29	General Capital Res/ Sust	Transit Improvement Program	200,000	155,000	155,000	155,000	155,000	775,000	1,595,000
3 - 29	External	Transit Improvement Program - ROF	70,000	70,000	70,000	70,000	70,000	350,000	700,000

2022-2031 CAPITAL PLAN TRANSPORTATION AND STREETS

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
3 - 30	Civic Amenity	Priority Mobility Network Improvements	35,350	1,845,000	1,570,000	1,270,000	2,120,000	9,450,000	16,290,350
3 - 30	External	Priority Mobility Network Improvements - ROF	600,000	1,900,000	830,000	475,000	1,100,000	4,100,000	9,005,000
3 - 30	DCC	Priority Mobility Network Improvements - DCC	34,650	-	-	-	-	-	34,650
3 - 32	TSL Int /Infra / Gen Cap Res	Pavement Management: Streets & Lanes	1,000,000	500,000	2,000,000	2,000,000	2,000,000	10,000,000	17,500,000
3 - 34	LAS	Provision for Local Area Services - City Share	500,000	-	-	-	-	-	500,000
3 - 35	General Capital Res	Marine Drive Bridge Replacement over Mackay Creek	-	-	-	-	1,262,500	-	1,262,500
3 - 35	External	Marine Drive Bridge Replacement over Mackay Creek - ROF	-	-	-	-	5,000,000	-	5,000,000
3 - 35	DCC	Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	-	-	1,237,500	-	1,237,500
3 - 36	General Capital Res	Lynn Creek Bridge at Cotton Road - Widening and Replacement	-	-	-	-	-	1,500,000	1,500,000
3 - 36	External	Lynn Creek Bridge at Cotton Road - Widening and Replacement - ROF	-	-	-	-	-	7,500,000	7,500,000
3 - 37	General Capital Res	Sidewalks - Infill and Reconstruction	-	250,000	200,000	200,000	250,000	1,250,000	2,150,000
TOTAL FUNDING REQUESTED			\$ 5,595,000	\$ 12,530,000	\$ 13,820,000	\$ 8,705,000	\$ 16,720,000	\$ 51,510,000	\$ 108,880,000
TOTAL CONTRIBUTIONS			\$ 785,000	\$ 3,595,000	\$ 1,710,000	\$ 610,000	\$ 6,225,000	\$ 12,225,000	\$ 25,150,000
TOTAL DCC STREETS AND TRANSPORTATION			\$ 306,900	\$ 965,250	\$ 1,361,250	\$ -	\$ 1,237,500	\$ -	\$ 3,870,900
NET FUNDING REQUESTED			\$ 4,503,100	\$ 7,969,750	\$ 10,748,750	\$ 8,095,000	\$ 9,257,500	\$ 39,285,000	\$ 79,859,100

**2022-2031 CAPITAL PLAN
PARKS AND ENVIRONMENT**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
Park Specific									
4 - 3	Civic Amenity	1600 Eastern Avenue Park	-	-	656,500	-	-	-	656,500
4 - 3	DCC	1600 Eastern Avenue Park - DCC	-	-	643,500	-	-	-	643,500
4 - 4	Civic Amenity	Beach and Grass Volleyball	-	-	70,000	-	-	-	70,000
4 - 5	Civic Amenity	Construction of New Community Gardens	50,000	50,000	250,000	-	-	-	350,000
4 - 6	Civic Amenity	Waterfront Park Master Plan & Implementation	-	-	2,525,000	2,525,000	-	-	5,050,000
4 - 6	DCC	Waterfront Park Master Plan & Implementation - DCC	-	-	2,475,000	2,475,000	-	-	4,950,000
4 - 7	Civic Amenity	Sunrise Park Trail System Expansion	-	-	126,250	-	-	-	126,250
4 - 7	DCC	Sunrise Park Trail System Expansion - DCC	-	-	123,750	-	-	-	123,750
4 - 8	Civic Amenity	Casano - Loutet Trail & Habitat Improvements	-	-	400,000	-	-	-	400,000
4 - 9	Civic Amenity	Spirit Trail - Lynnmouth Park	-	150,000	700,000	-	-	-	850,000
4 - 10	General Capital Res	Public School Playground Funding	150,000	37,500	-	-	-	-	187,500
4 - 11	Civic Amenity	Green Necklace Outdoor Fitness Equipment Stations	-	-	400,000	-	-	-	400,000
4 - 12	Civic Amenity	Cloverley Park Design + Construction	-	250,000	3,650,000	-	-	-	3,900,000
4 - 13	General Capital Res	Mahon Park Playground and Spray Park Replacement	-	-	-	1,200,000	-	-	1,200,000
4 - 14	General Capital Res	Semisch Park / 1st Street Accessibility Improvements	-	250,000	-	-	-	-	250,000
4 - 15	General Capital Res	Confederation Field Turf Replacement	-	-	-	1,000,000	-	-	1,000,000
4 - 16	General Capital Res	Tempe Heights Park Playground Replacement	-	-	-	70,000	600,000	-	670,000
4 - 17	General Capital Res	Wagg Park Playground Replacement	-	-	-	-	-	650,000	650,000
4 - 18	General Capital Res	Loutet Park Playground Replacement	-	-	-	-	-	670,000	670,000
4 - 19	General Capital Res	Fen Burdett Turf Replacement	-	-	-	-	-	1,000,000	1,000,000
4 - 20	Civic Amenity	High Place Park Development	-	-	-	-	-	250,000	250,000
4 - 21	General Capital Res	Victoria Park Master Plan	-	-	-	-	-	250,000	250,000
4 - 22	Civic Amenity HJ	New Community Park - Harry Jerome Neighbourhood Lands	-	151,500	202,000	2,929,000	-	-	3,282,500
4 - 22	DCC	New Community Park - Harry Jerome Neighbourhood Lands - DCC	-	148,500	198,000	2,871,000	-	-	3,217,500
4 - 23	General Capital Res	Hemlock Looper Moth Tree Removal and Restoration	150,000	150,000	150,000	-	-	-	450,000
4 - 31	General Capital Res	Victoria Park Washroom	-	-	350,000	-	-	-	350,000
Total - Park Specific			\$ 350,000	\$ 1,187,500	\$ 12,920,000	\$ 13,070,000	\$ 600,000	\$ 2,820,000	\$ 30,947,500

**2022-2031 CAPITAL PLAN
PARKS AND ENVIRONMENT**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
City Wide Programs									
4 - 24	General Capital Res	Parks Master Plan Update	-	-	200,000	-	-	-	200,000
4 - 25	General Capital Res	Play Equipment Replacement	35,000	35,000	-	-	-	-	70,000
4 - 26	General Capital Res	Streetscape Renovations	25,000	25,000	-	-	-	-	50,000
4 - 27	General Capital Res	Wooden Bridge and Stair Replacement	25,000	25,000	-	-	-	-	50,000
4 - 28	General Capital Res	Grass Sports Field Renovations	75,000	75,000	75,000	75,000	-	-	300,000
4 - 29	General Capital Res	Park & Greenways Trail Resurfacing	10,000	10,000	10,000	10,000	10,000	50,000	100,000
4 - 30	General Capital Res	Parks Furnishings and Signage	35,000	35,000	35,000	35,000	35,000	175,000	350,000
Total - City Wide Programs			\$ 205,000	\$ 205,000	\$ 320,000	\$ 120,000	\$ 45,000	\$ 225,000	\$ 1,120,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 555,000	\$ 1,392,500	\$ 13,240,000	\$ 13,190,000	\$ 645,000	\$ 3,045,000	\$ 32,067,500
TOTAL CONTRIBUTIONS - DCC FUNDING			\$ -	\$ 148,500	\$ 3,440,250	\$ 5,346,000	\$ -	\$ -	\$ 8,934,750
NET FUNDING REQUESTED			\$ 555,000	\$ 1,244,000	\$ 9,799,750	\$ 7,844,000	\$ 645,000	\$ 3,045,000	\$ 23,132,750

2022-2031 CAPITAL PLAN
PUBLIC ART

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
5 - 2	Public Art	Public Art Civic Program	85,000	85,000	85,000	85,000	85,000	425,000	850,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 850,000
NET FUNDING REQUESTED			\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 850,000

2022-2031 CAPITAL PLAN EQUIPMENT SUMMARY

	2022	2023	2024	2025	2026	2027-2031	Total
Summary of Equipment Projects							
FUNDING REQUESTED IN PROJECT SHEETS							
General Equipment	1,001,800	1,046,200	687,000	1,166,000	445,000	2,387,800	6,733,800
Information Technology Equipment	1,210,800	1,356,500	2,007,600	1,188,700	1,689,000	5,910,100	13,362,700
Engineering Equipment	880,000	910,000	560,000	705,000	205,000	4,708,000	7,968,000
Fire Equipment	270,000	615,000	90,000	805,000	155,000	3,470,000	5,405,000
Block Funding & Other Projects	2,955,540	2,390,241	3,125,010	2,576,217	2,600,217	9,848,085	23,495,310
TOTAL FUNDING REQUESTED	\$ 6,318,140	\$ 6,317,941	\$ 6,469,610	\$ 6,440,917	\$ 5,094,217	\$ 26,323,985	\$ 56,964,810
CONTRIBUTIONS							
General Equipment	340,349	112,114	102,663	61,488	30,744	253,720	901,078
Information Technology Equipment	217,200	42,500	147,000	9,000	28,000	84,700	528,400
Engineering Equipment	-	-	-	-	-	-	-
Fire Equipment	-	-	-	-	-	-	-
Block Funding & Other Projects	417,254	116,254	123,254	73,254	123,254	366,271	1,219,541
TOTAL CONTRIBUTIONS	\$ 974,803	\$ 270,868	\$ 372,917	\$ 143,742	\$ 181,998	\$ 704,691	\$ 2,649,019
NET FUNDING REQUESTED							
General Equipment	661,451	934,086	584,337	1,104,512	414,256	2,134,080	5,832,722
Information Technology Equipment	993,600	1,314,000	1,860,600	1,179,700	1,661,000	5,825,400	12,834,300
Engineering Equipment	880,000	910,000	560,000	705,000	205,000	4,708,000	7,968,000
Fire Equipment	270,000	615,000	90,000	805,000	155,000	3,470,000	5,405,000
Block Funding & Other Projects	2,538,286	2,273,987	3,001,756	2,502,963	2,476,963	9,481,814	22,275,769
TOTAL CITY FUNDING REQUESTED	\$ 5,343,337	\$ 6,047,073	\$ 6,096,693	\$ 6,297,175	\$ 4,912,219	\$ 25,619,294	\$ 54,315,791

**2022-2031 CAPITAL PLAN
GENERAL EQUIPMENT**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
6 - 2	General Capital Res	Civic Buildings - Furniture and Equipment	139,000	111,000	118,000	112,000	112,000	576,800	1,168,800
6 - 3	General Capital Res	Gerry Brewer Furniture & Equipment	54,571	50,061	50,512	50,512	25,256	126,280	357,192
6 - 3	External	Gerry Brewer Furniture & Equipment - ROF	66,429	60,939	61,488	61,488	30,744	153,720	434,808
6 - 4	General Capital Res	Bylaw Services Vehicle Replacement	45,000	45,000	-	45,000	-	-	135,000
6 - 6	General Capital Res	Police Pool Vehicle Replacement	36,080	33,825	33,825	-	-	-	103,730
6 - 6	External	Police Pool Vehicles Repl - Required outside Funding	43,920	41,175	41,175	-	-	-	126,270
6 - 8	General Capital Res	NVRC Maintenance Vehicles	115,000	5,000	-	-	-	50,000	170,000
6 - 8	External	NVRC Maintenance Vehicles - Required Outside Funding	230,000	10,000	-	-	-	100,000	340,000
6 - 10	General Capital Res	NVRC Recreation Program Equipment	130,000	235,000	130,000	720,000	130,000	575,000	1,920,000
6 - 12	General Capital Res	Mobility Data Collection and Monitoring	40,000	90,000	135,000	65,000	65,000	325,000	720,000
6 - 14	External	Pool Car Replacement	50,000	65,000	50,000	65,000	60,000	230,000	520,000
6 - 16	General Capital Res	Automated Materials Handling & RFID System Replacements	11,000	92,000	22,000	22,000	22,000	226,000	395,000
6 - 17	General Capital Res	Library shelving replacement	40,800	32,000	-	-	-	-	72,800
6 - 18	General Capital Res	City Library Self-Service Book Locker	-	145,200	-	-	-	-	145,200
6 - 19	General Capital Res	City Library Wayfinding	-	30,000	45,000	-	-	-	75,000
6 - 20	General Capital Res	Self-Service Payment Systems Replacement	-	-	-	25,000	-	25,000	50,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 1,001,800	\$ 1,046,200	\$ 687,000	\$ 1,166,000	\$ 445,000	\$ 2,387,800	\$ 6,733,800
TOTAL CONTRIBUTIONS			\$ 340,349	\$ 112,114	\$ 102,663	\$ 61,488	\$ 30,744	\$ 253,720	\$ 901,078
NET FUNDING REQUESTED			\$ 661,451	\$ 934,086	\$ 584,337	\$ 1,104,512	\$ 414,256	\$ 2,134,080	\$ 5,832,722

**2022-2031 CAPITAL PLAN
INFORMATION TECHNOLOGY**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
I.T. Department									
7 - 3	General Capital Res / Comp Equip	User Device Replacements	150,000	150,000	150,000	150,000	150,000	750,000	1,500,000
7 - 4	General Capital Res	Data Centre Infrastructure	170,000	370,000	475,000	265,000	430,000	1,090,000	2,800,000
7 - 6	General Capital Res	Fibre Infrastructure Improvement	50,000	50,000	50,000	50,000	50,000	250,000	500,000
7 - 7	General Capital Res	Cyber Security Enhancements	240,000	-	-	-	-	-	240,000
7 - 8	General Capital Res	Enterprise Applications	225,000	575,000	1,025,000	650,000	950,000	3,250,000	6,675,000
Total - I.T. Department			\$ 835,000	\$ 1,145,000	\$ 1,700,000	\$ 1,115,000	\$ 1,580,000	\$ 5,340,000	\$ 11,715,000
Library									
7 - 10	General Capital Res	Website Renewal	5,000	5,000	25,000	5,000	5,000	72,500	117,500
7 - 11	General Capital Res	Integrated library Systems (ILS) Renewal	-	15,000	16,000	8,000	-	52,000	91,000
7 - 12	General Capital Res	A/V, Multimedia & Instructional Systems Renewal	19,400	32,500	21,600	21,700	37,000	111,200	243,400
Total - Library			\$ 24,400	\$ 52,500	\$ 62,600	\$ 34,700	\$ 42,000	\$ 235,700	\$ 451,900
North Vancouver Museum & Archives									
7 - 14	General Capital Res	NVMA IT Refresh	9,200	8,500	7,000	9,000	8,000	44,700	86,400
7 - 14	External	NVMA IT Refresh - ROF	9,200	8,500	7,000	9,000	8,000	44,700	86,400
Total - North Vancouver Museum & Archives			\$ 18,400	\$ 17,000	\$ 14,000	\$ 18,000	\$ 16,000	\$ 89,400	\$ 172,800
North Vancouver Recreation & Culture Commission									
7 - 15	General Capital Res	Recreation Centre WIFI Replacement	-	35,000	-	-	-	45,000	80,000
7 - 16	General Capital Res	NVRC Digital Tools Development Plan	-	7,000	-	-	-	-	7,000
7 - 16	External	NVRC Digital Tools Development Plan - ROF	-	14,000	-	-	-	-	14,000
7 - 17	General Capital Res	NVRC Mobile Device Applications - Phase 2	50,000	-	-	-	-	-	50,000
7 - 17	External	NVRC Mobile Device Applications - Phase 2 - ROF	100,000	-	-	-	-	-	100,000
7 - 18	General Capital Res	NVRC Website Content Management System Upgrade	13,000	-	-	-	-	-	13,000
7 - 18	External	NVRC Website Content Management System Upgrade - ROF	26,000	-	-	-	-	-	26,000
7 - 19	General Capital Res	Network Hardware Replacement	-	35,000	-	-	-	35,000	70,000
7 - 20	General Capital Res	Facility desktop hardware refresh	21,000	21,000	21,000	21,000	21,000	105,000	210,000

**2022-2031 CAPITAL PLAN
INFORMATION TECHNOLOGY**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
7 - 21	General Capital Res	Document Management System Replacement	20,000	-	-	-	-	-	20,000
7 - 21	External	Document Management System Replacement - ROF	40,000	-	-	-	-	-	40,000
7 - 22	General Capital Res	Perfect Mind Development and Integration	10,000	10,000	10,000	-	10,000	20,000	60,000
7 - 22	External	Perfect Mind Implementation: Integration - ROF	20,000	20,000	20,000	-	20,000	40,000	120,000
7 - 23	General Capital Res	Phone System Replacement	11,000	-	60,000	-	-	-	71,000
7 - 23	External	Phone System Replacement - ROF	22,000	-	120,000	-	-	-	142,000
Total - North Vancouver Recreation Commission			\$ 333,000	\$ 142,000	\$ 231,000	\$ 21,000	\$ 51,000	\$ 245,000	\$ 1,023,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 1,210,800	\$ 1,356,500	\$ 2,007,600	\$ 1,188,700	\$ 1,689,000	\$ 5,910,100	\$ 13,362,700
TOTAL CONTRIBUTIONS			\$ 217,200	\$ 42,500	\$ 147,000	\$ 9,000	\$ 28,000	\$ 84,700	\$ 528,400
NET FUNDING REQUESTED			\$ 993,600	\$ 1,314,000	\$ 1,860,600	\$ 1,179,700	\$ 1,661,000	\$ 5,825,400	\$ 12,834,300

**2022-2031 CAPITAL PLAN
ENGINEERING EQUIPMENT**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
8 - 2	Eng Equip	Engineering: Equipment	845,000	910,000	560,000	705,000	205,000	4,708,000	7,933,000
8 - 6	General Capital Res	Replacement Towing Trailers - Operations	35,000	-	-	-	-	-	35,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 880,000	\$ 910,000	\$ 560,000	\$ 705,000	\$ 205,000	\$ 4,708,000	\$ 7,968,000
TOTAL CONTRIBUTIONS									
NET FUNDING REQUESTED			\$ 880,000	\$ 910,000	\$ 560,000	\$ 705,000	\$ 205,000	\$ 4,708,000	\$ 7,968,000

**2022-2031 CAPITAL PLAN
FIRE EQUIPMENT**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
9 - 2	Fire Equip	Fire Equipment Replacement Program	235,000	615,000	90,000	770,000	155,000	3,400,000	5,265,000
9 - 3	Fire Equip	Health and Wellness Initiative	35,000	-	-	35,000	-	70,000	140,000
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 270,000	\$ 615,000	\$ 90,000	\$ 805,000	\$ 155,000	\$ 3,470,000	\$ 5,405,000
TOTAL CONTRIBUTIONS									
NET FUNDING REQUESTED			\$ 270,000	\$ 615,000	\$ 90,000	\$ 805,000	\$ 155,000	\$ 3,470,000	\$ 5,405,000

2022-2031 CAPITAL PLAN
BLOCK FUNDS, ONGOING PROGRAMS AND OTHER PROJECTS

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
Block Funds									
10 - 3	General Capital Res	Block Funding - City Used Buildings	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 4	General Capital Res	Block Funding - Non-City Used Buildings	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 5	General Capital Res	Block Funding - Gerry Brewer Building	29,413	29,413	29,413	29,413	29,413	147,064	294,129
10 - 5	External	Gerry Brewer Building - ROF	35,804	35,804	35,804	35,804	35,804	179,021	358,041
10 - 6	General Capital Res	Block Funding - Parks Infrastructure	75,000	75,000	75,000	75,000	75,000	375,000	750,000
10 - 7	General Capital Res	Block Funding - Engineering Equipment	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 8	General Capital Res	Block Funding - Transportation	30,000	30,000	30,000	30,000	30,000	150,000	300,000
10 - 9	General Capital Res	Block Funding - Information Technology	100,000	100,000	100,000	100,000	100,000	500,000	1,000,000
10 - 10	General Capital Res	Block Funding Fire Equipment	50,000	50,000	50,000	50,000	50,000	250,000	500,000
10 - 11	General Capital Res	Block Funding Police Equipment	22,550	22,550	22,550	22,550	22,550	112,750	225,500
10 - 11	External	Block Funding - Police Equipment - ROF	27,450	27,450	27,450	27,450	27,450	137,250	274,500
10 - 12	General Capital Res	Block Funding - Library Equipment	20,000	20,000	20,000	20,000	20,000	100,000	200,000
10 - 13	General Capital Res	Block Funding - Museum & Archives	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 13	External	Museum & Archives - ROF	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 14	General Capital Res	Block Funding - Clerks	20,000	20,000	20,000	20,000	20,000	100,000	200,000
10 - 15	General Capital Res	Block Funding - Planning and Development	10,000	10,000	10,000	10,000	10,000	50,000	100,000
10 - 16	General Capital Res	Block Funding - NVRC	50,000	60,000	60,000	60,000	80,000	420,000	730,000
10 - 17	General Capital Res	NVRC Emergency Capital Replacement Fund	25,000	30,000	30,000	30,000	35,000	190,000	340,000
10 - 18	General Capital Res	Block Funding - Shipyards	35,000	35,000	35,000	35,000	35,000	175,000	350,000
TOTAL - BLOCK FUNDS			\$ 800,217	\$ 815,217	\$ 815,217	\$ 815,217	\$ 840,217	\$ 4,236,085	\$ 8,322,170
On-Going Programs									
10 - 19	CCCIF	Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
TOTAL - ON-GOING PROGRAMS			\$ 9,323	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,323
Other Projects									
10 - 20	General Capital Res	CNVL - Summer Book Bike Staffing	27,000	27,000	27,000	-	-	-	81,000
10 - 21	General Capital Res	NVRC - Recreation and sport facility/venue plan update	51,000	-	-	-	-	-	51,000
10 - 21	External	NVRC - Recreation and sport facility/venue plan update - ROF	99,000	-	-	-	-	-	99,000
10 - 22	General Capital Res	Open Streets, Parklets and Placemaking	275,000	396,000	306,000	321,000	245,000	387,000	1,930,000
10 - 22	External	Open Streets, Parklets and Placemaking - ROF	20,000	-	50,000	-	50,000	-	120,000
10 - 23	General Capital Res	City Studio CapU Parntership	48,000	50,000	-	-	-	-	98,000

2022-2031 CAPITAL PLAN **BLOCK FUNDS, ONGOING PROGRAMS AND OTHER PROJECTS**

Page	Funding Source		2022	2023	2024	2025	2026	2027-2031	Total
10 - 24	General Capital Res	Community Engagement Strategy	60,000	-	-	-	-	-	60,000
10 - 25	General Capital Res	Community Recreation Strategy	61,000	-	-	-	-	-	61,000
10 - 26	General Capital Res	OCP 10-Year Review	-	100,000	400,000	400,000	400,000	100,000	1,400,000
10 - 27	General Capital Res	Amenity and Public Benefit Strategy Review	125,000	-	-	-	-	-	125,000
10 - 28	General Capital Res	Child Care and Social Amenity Design Guidelines	25,000	-	-	-	-	-	25,000
10 - 29	General Capital Res	Electronic Grants Process and Software	-	25,000	-	-	-	-	25,000
10 - 30	Affordable Housing	Supporting Affordable Housing Supply and Delivery	75,000	139,024	141,793	-	-	-	355,817
10 - 31	General Capital Res	Land Use and Long Range Studies	40,000	-	-	-	-	-	40,000
10 - 32	General Capital Res	Zoning Bylaw Update	375,000	-	-	-	-	-	375,000
10 - 32	External	Zoning Bylaw Update - ROF	65,000	-	-	-	-	-	65,000
10 - 33	General Capital Res	Climate and Environment Strategy Implementation	200,000	250,000	250,000	250,000	250,000	1,250,000	2,450,000
10 - 33	External	Climate and Environment Strategy Implementation - ROF	40,000	40,000	-	-	-	-	80,000
10 - 34	General Capital Res / Carbon Res	Greening the Community Building Sector	-	-	175,000	300,000	400,000	3,300,000	4,175,000
10 - 34	External	Greening the Building Sector - ROF	120,000	-	-	-	-	-	120,000
10 - 35	General Capital Res	Planning & Development Program, Education and Outreach	-	50,000	100,000	100,000	100,000	500,000	850,000
10 - 35	External	Planning & Development Program, Education and Outreach - ROF	-	3,000	-	-	-	-	3,000
10 - 36	General Capital Res	Urban Forest Management Plan	100,000	-	-	-	-	-	100,000
10 - 37	General Capital Res	INSTPP Implementation	100,000	75,000	75,000	75,000	75,000	75,000	475,000
10 - 38	General Capital Res	Parking and Curbside Management Planning and Implementation	40,000	140,000	290,000	315,000	240,000	-	1,025,000
10 - 40	General Capital Res	Neighbourhood Speed Limits Review and Implementation	-	175,000	300,000	-	-	-	475,000
10 - 42	General Capital Res	Micro-Mobility Services Planning and Coordination	25,000	45,000	45,000	-	-	-	115,000
10 - 44	General Capital Res	Transportation Requirements for New Development	175,000	-	-	-	-	-	175,000
10 - 46	General Capital Res	Feasibility and ROI Study of Land Bridge of Highway No.1 at Lonsdale	-	60,000	150,000	-	-	-	210,000
TOTAL - OTHER PROJECTS			\$ 2,146,000	\$ 1,575,024	\$ 2,309,793	\$ 1,761,000	\$ 1,760,000	\$ 5,612,000	\$ 15,163,817
TOTAL FUNDING REQUESTED IN PROJECT SHEETS			\$ 2,955,540	\$ 2,390,241	\$ 3,125,010	\$ 2,576,217	\$ 2,600,217	\$ 9,848,085	\$ 23,495,310
TOTAL CONTRIBUTIONS			\$ 417,254	\$ 116,254	\$ 123,254	\$ 73,254	\$ 123,254	\$ 366,271	\$ 1,219,541
NET FUNDING REQUESTED			\$ 2,538,286	\$ 2,273,987	\$ 3,001,756	\$ 2,502,963	\$ 2,476,963	\$ 9,481,814	\$ 22,275,769

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

TAX LEVY CONTRIBUTION TO CAPITAL

Each year an amount is transferred from the annual budget to fund various capital projects. These funds are unrestricted and can be used for any capital project. Approximately 15% of the City's annual tax levy is transferred to capital projects or to fund capital reserves. The \$600K increase seen in the Tax Levy each year results in an annual 1% tax rate increase.

	2022	2023	2024	2025	2026	2027-2031	Total
Transfer from Operating to Capital	\$10,874,800	11,474,800	12,074,800	12,674,800	13,274,800	\$ 75,374,000	\$ 135,748,000
Available Balance	\$ 10,874,800	\$ 11,474,800	\$ 12,074,800	\$ 12,674,800	\$ 13,274,800	\$ 75,374,000	\$ 135,748,000
Allocated to :							
Civic Amenity HJCRC	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	26,000,000
Fire Equipment	268,213	615,000	90,000	805,000	155,000	3,470,000	5,403,213
Public Art	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Sustainable Transportation	87,500	87,500	87,500	87,500	87,500	437,500	875,000
Carbon Fund	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Total to Reserves	3,105,713	3,452,500	2,927,500	3,642,500	2,992,500	17,657,501	33,778,214
Transfer to General Capital Reserve	\$ 7,769,087	8,022,300	\$ 9,147,300	\$ 9,032,300	\$ 10,282,300	\$ 67,998,799	\$ 101,969,786

LAND SALE REVENUE

The City owns numerous parcels of land, and the method by which the City acquired the land determines how the proceeds of sale may be set aside. By long-standing Council policy, proceeds of land acquired through a tax sale (non-payment of taxes) are set aside in Tax Sale Land principal. Proceeds from non-tax sale lands (acquired by other means than non-payment of taxes) are set aside in the Civic Amenity Reserve Fund.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ -	-	-	-	-	\$ -	-
Proceeds of sales	\$ -	\$ -	\$ 27,680,000	\$ -	\$ 65,220,000	-	92,900,000
Available Balance	\$ -	\$ -	\$ 27,680,000	\$ -	\$ 65,220,000	\$ -	\$ 92,900,000
Allocated to :							
TSL Principal	-	-	20,760,000	-	43,380,000	-	64,140,000
Civic Amenity Reserve	-	-	6,920,000	-	21,840,000	-	28,760,000
	\$ -	\$ -	\$ 27,680,000	\$ -	\$ 65,220,000	\$ -	\$ 92,900,000
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

MUNICIPAL FINANCE AUTHORITY BORROWING

The Municipal Finance Authority of British Columbia (MFA) was created in 1970 to contribute to the financial well-being of local governments throughout BC. The MFA pools the borrowing and investment needs of BC communities through a collective structure and is able to provide a range of low cost and flexible financial services. Borrowing from the MFA assumes terms of 30 years at 2.58% interest.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ -	-	-	-	-	\$ -	-
MFA Debt	\$ 109,000,000	\$ -	\$ -	\$ (109,000,000)	\$ 46,799,200	(5,213,855)	41,585,345
Transfer to Civic Amenity Reserve - HJ	(109,000,000)					-	(109,000,000)
MFA Debt Servicing	\$ (625,000)	\$ (1,250,000)	\$ (1,250,000)	\$ (625,000)		(5,676,000)	(9,426,000)
Repayment from Land Sales	\$ -			\$ 109,000,000		-	109,000,000
Repayment from Civic Amenity - HJ Fund	\$ 625,000	\$ 1,250,000	\$ 1,250,000	\$ 625,000		-	3,750,000
Repayment from Civic Amenity Reserve				\$ -		10,889,855	10,889,855
Available Balance	\$ -	\$ -	\$ -	\$ -	\$ 46,799,200	\$ -	\$ 46,799,200
Allocated to :							
North Shore Neighborhood House & Derek Inman Park			-	-	151,000	46,648,200	46,799,200
	\$ -	\$ -	\$ -	\$ -	\$ 151,000	\$ 46,648,200	\$ 46,799,200
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ 46,648,200	\$ (46,648,200)	-

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

GENERAL CAPITAL RESERVE

The General Capital Reserve is a non-statutory reserve that provides unrestricted funding for Capital Plan projects; as such it can be used to fund any capital project. The reserve is funded from various sources including transfers from operating, portions of the annual tax levy or annual surpluses.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 9,631,732	\$ 8,471,245	\$ 7,142,499	\$ 4,322,914	\$ 2,228,776	\$ 2,562,701	\$ 9,631,732
Annual transfer to General Capital Reserve	\$ 7,769,087	\$ 8,022,300	\$ 9,147,300	\$ 9,032,300	\$ 10,282,300	57,716,499	101,969,786
- Internal borrowing from GCR	\$ (2,000,000)	\$ -	\$ -	\$ 2,000,000	\$ -	-	-
Miscellaneous Revenue	746,000					-	746,000
Available Balance	\$ 16,146,819	\$ 16,493,545	\$ 16,289,799	\$ 15,355,214	\$ 12,511,076	\$ 60,279,200	\$ 112,347,518
Withdrawals							
Provision for Park Land Acquisition 1% Municip Assist	90,000	-	-	-	-	-	90,000
Buildings							
Capital Maintenance	1,538,908	2,237,997	2,412,485	1,469,273	1,128,907	2,810,826	11,598,396
City Library Middle Years Space	108,160	-	-	-	-	-	108,160
The Shipyards Pier and Wharf Upgrades	-	-	40,000	-	-	-	40,000
The Shipyards Electrical & Water Site Improvements	-	-	80,000	-	-	-	80,000
Optimization of the Shipyards Pedestrian Realm and Access Network	-	-	50,000	-	-	-	50,000
Shipyards Destination Infrastructure Upgrades Project	200,000	-	-	-	-	-	200,000
City Hall Facility Projects	-	-	79,000	50,400	22,400	168,000	319,800
City Hall Envelope & Glazing Upgrades	-	-	-	1,870,000	-	-	1,870,000
PGE Station Provision	-	-	403,000	-	-	-	403,000
Provision - HJCRC Outside Consulting	200,000	-	-	-	-	-	200,000
Victoria Park Washroom	-	-	350,000	-	-	-	350,000
Parks							
Public School Playground Funding	150,000	37,500	-	-	-	-	187,500
Mahon Park Playground and Spray Park Replacement	-	-	-	1,200,000	-	-	1,200,000
Semisch Park / 1st Street Accessibility Improvements	-	250,000	-	-	-	-	250,000
Confederation Field Turf Replacement	-	-	-	1,000,000	-	-	1,000,000
Tempe Heights Park Playground Replacement	-	-	-	70,000	600,000	-	670,000
Wagg Park Playground Replacement	-	-	-	-	-	650,000	650,000
Loutet Park Playground Replacement	-	-	-	-	-	670,000	670,000
Fen Burdett Turf Replacement	-	-	-	-	-	1,000,000	1,000,000
Victoria Park Master Plan	-	-	-	-	-	250,000	250,000
Hemlock Looper MothTree Removal and Restoration	150,000	150,000	150,000	-	-	-	450,000
Park specific program	205,000	205,000	320,000	120,000	45,000	225,000	1,120,000
Equipment							
General Equipment and Veh/Pool Replacement	661,451	934,086	584,337	1,104,512	414,256	2,134,080	5,832,722
Information Technology Projects	943,600	1,314,000	1,860,600	1,179,700	1,661,000	2,798,322	9,757,222
Replacement Towing Trailers - Operations	35,000	-	-	-	-	-	35,000
Streets, Traffic and Transportation							
Traffic Signal System Upgrades	370,000	320,000	300,000	500,000	500,000	2,500,000	4,490,000
City-Wide LED Streetlight Upgrade	250,000	-	-	-	-	-	250,000
Traffic Signal LED Replacement	-	300,000	-	-	-	-	300,000
Street Light and Traffic Signal Aging Pole Replacement	50,000	50,000	50,000	50,000	50,000	250,000	500,000
Traffic Signal Pre-Emption for Fire Emergency Vehicles	80,000	80,000	80,000	80,000	80,000	400,000	800,000
Street Lighting Central Management System	-	-	-	100,000	-	-	100,000
Carson Graham School Area Active Transportation Improvements	-	500,000	1,725,000	900,000	-	-	3,125,000
Active and Safe Routes to School	-	150,000	150,000	150,000	150,000	250,000	850,000
Public Realm Improvements	50,000	135,000	50,000	50,000	50,000	335,000	670,000
Living City Tree Program	120,000	280,000	200,000	120,000	120,000	600,000	1,440,000
Public Realm Accessibility Improvements	20,000	20,000	20,000	20,000	20,000	100,000	200,000
Transit Improvement Program	64,493	67,500	67,500	67,500	67,500	337,500	671,993
Marine Drive Bridge Replacement over Mackay Creek	-	-	-	-	1,262,500	-	1,262,500
Lynn Creek Bridge at Cotton Road - Widening and Replacement	-	-	-	-	-	1,500,000	1,500,000
Sidewalks - Infill and Reconstruction	-	250,000	200,000	200,000	250,000	1,250,000	2,150,000
Pavement Management: Streets & Lanes	-	-	-	387,091	427,349	-	814,440

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

Block and Other projects

Ongoing Programs	726,963	741,963	741,963	741,963	766,963	3,869,814	7,589,629
Other Projects	1,662,000	1,328,000	2,053,000	1,696,000	1,645,000	5,287,000	13,671,000

DCC Transportation project

Marine Drive Bridge Replacement over Mackay Creek - DCC					687,500	-	687,500
---	--	--	--	--	---------	---	---------

Total expended	\$	7,675,575	\$	9,351,046	\$	11,966,885	\$	13,126,438	\$	9,948,375	\$	27,385,543	\$	79,453,862
-----------------------	-----------	------------------	-----------	------------------	-----------	-------------------	-----------	-------------------	-----------	------------------	-----------	-------------------	-----------	-------------------

Unallocated Annual Funding Excess(Shortfall)	\$	8,471,245	\$	(1,328,746)	\$	(2,819,585)	\$	(4,094,138)	\$	333,925	\$	30,330,956	\$	30,893,657
---	-----------	------------------	-----------	--------------------	-----------	--------------------	-----------	--------------------	-----------	----------------	-----------	-------------------	-----------	-------------------

Closing Balance	\$	8,471,245	\$	7,142,499	\$	4,322,914	\$	2,228,776	\$	2,562,701	\$	32,893,657	\$	32,893,657
------------------------	-----------	------------------	-----------	------------------	-----------	------------------	-----------	------------------	-----------	------------------	-----------	-------------------	-----------	-------------------

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

TAX SALE LAND PRINCIPAL

The Tax Sale Lands Fund is made up of the proceeds of sale of all lands sold by the City which originally became City property through non-payment of taxes. Most of this land came to the City in the 1930's, during the Great Depression. The balance in the Tax Sale Land reserve is used to invest in projects that have a prospective rate of return equal to or greater than the City's benchmark rate of return; to invest in infrastructure and land management, in order to enhance the marketability and increase the value of marketed lands, or to invest in the purchase of land assets to be held by the City. By long-standing Council policy, Tax Sale Land principal is not used to fund depreciable assets such as civic buildings, infrastructure or equipment.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 31,423,659	27,923,659	\$ 21,440,792	\$ 40,703,945	\$ 48,683,659	\$ 92,063,659	\$ 31,423,659
Proceeds of Sale:							
-Land Sales	-	-	20,760,000	-	43,380,000	-	64,140,000
Internal Loan and Repayment CARHJ	-	(6,482,867)	(1,496,847)	7,979,714	-	-	-
Available Balance	\$ 31,423,659	\$ 21,440,792	\$ 40,703,945	\$ 48,683,659	\$ 92,063,659	\$ 92,063,659	\$ 95,563,659
Purchases							
Strategic Land Acquisition	3,500,000	-	-	-	-	-	3,500,000
	\$ 3,500,000	-	\$ -	\$ -	\$ -	\$ -	3,500,000
Total Expenditures	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	3,500,000
Closing Balance	\$ 27,923,659	\$ 21,440,792	\$ 40,703,945	\$ 48,683,659	\$ 92,063,659	\$ 92,063,659	\$ 92,063,659

TAX SALE LANDS INTEREST

The previous year's earned interest of the Tax Sales Land reserve is unrestricted and is used to fund various projects. Along with the Annual Budget tax levy, this is the major unrestricted source that the City has for funding capital projects.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 362,631	562,631	1,274,799	367,173	-	\$ 1	\$ 2,567,236
Interest from TSLP		712,168	592,373	745,737	1,072,651	10,527,079	13,650,008
Interest for the year	700,000					-	700,000
Available Balance	1,062,631	1,274,799	1,867,173	1,112,909	1,072,651	10,527,081	16,917,244
Withdrawals							
Equipment							
Information Technology Projects						3,027,078	3,027,078
	\$ -	\$ -	\$ -	\$ -	\$ -	3,027,078	\$ 3,027,078
Streets and Transportation							
Pavement Management: Streets & Lanes	500,000	-	1,500,000	1,112,909	1,072,651	7,500,000	11,685,560
	\$ 500,000	\$ -	\$ 1,500,000	\$ 1,112,909	\$ 1,072,651	\$ 7,500,000	\$ 11,685,560
Total Expended	\$ 500,000	\$ -	\$ 1,500,000	\$ 1,112,909	\$ 1,072,651	\$ 10,527,078	\$ 14,712,638
Closing Balance	\$ 562,631	\$ 1,274,799	\$ 367,173	\$ -	\$ -	\$ 3	\$ 2,204,606

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

CIVIC AMENITY

The City also owns land that was acquired through purchase, i.e., not through tax defaults. Such property is considered as being a non-Tax Sale land property. The proceeds of sale are placed in the City Amenity fund. The CAF is specifically dedicated to fund capital projects which will enhance the use and enjoyment of the City by members of the public, such as parks, recreation centers, libraries, plazas, and other community amenities.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 5,640,383	4,809,679	\$ 4,451,660	\$ 1,648,804	\$ 188,803	\$ 22,777,654	\$ 5,640,383
Contributions:							
- CAC estimate		4,800,000	4,800,000	4,800,000	4,800,000	24,000,000	43,200,000
- Land sales		-	6,920,000	-	21,840,000	-	28,760,000
- Centennial Seat Surcharge		35,000	35,000	35,000	35,000	175,000	315,000
- Shipyards Dev Ltd	382,396	382,396				-	764,791
Repayment of MFA Debt (NSNH & Derek Inman Park)						(10,889,855)	(10,889,855)
Interest for the year	700,000	104,336	38,644		533,851	2,163,690	3,540,521
Available Balance	\$ 6,722,779	\$ 10,131,410	\$ 16,245,304	\$ 6,483,804	\$ 27,397,654	\$ 38,226,490	\$ 71,330,840
Withdrawals							
Parks							
1600 Eastern Avenue Park	-	-	656,500	-	-	-	656,500
Beach and Grass Volleyball	-	-	70,000	-	-	-	70,000
Construction of New Community Gardens	50,000	50,000	250,000	-	-	-	350,000
Waterfront Park Master Plan & Implementation	-	-	2,525,000	2,525,000	-	-	5,050,000
Sunrise Park Trail System Expansion	-	-	126,250	-	-	-	126,250
Casano - Loutet Trail & Habitat Improvements	-	-	400,000	-	-	-	400,000
Spirit Trail - Lynnmouth Park	-	150,000	700,000	-	-	-	850,000
Green Necklace Outdoor Fitness Equipment Stations	-	-	400,000	-	-	-	400,000
Cloverley Park Design + Construction	-	250,000	3,650,000	-	-	-	3,900,000
High Place Park Development	-	-	-	-	-	250,000	250,000
Streets and Transportation							
New Traffic Signals	865,000	950,000	1,010,000	1,000,000	1,000,000	5,000,000	9,825,000
Neighbourhood Traffic Safety and Infrastructure Improvements Program	350,000	615,000	865,000	515,000	515,000	1,950,000	4,810,000
Installation of Accessible Pedestrian Units	35,000	35,000	35,000	35,000	35,000	175,000	350,000
Pedestrian and Roadway Lighting Implementation	300,000	300,000	450,000	450,000	450,000	2,250,000	4,200,000
Upper Levels Greenway	126,250	984,750	1,388,750	-	-	-	2,499,750
New Sidewalk To Complete the Pedestrian Network	151,500	500,000	500,000	500,000	500,000	2,500,000	4,651,500
Priority Mobility Network Improvements	35,350	1,845,000	1,570,000	1,270,000	2,120,000	9,450,000	16,290,350
Total Expended	1,913,100	5,679,750	14,596,500	6,295,000	4,620,000	21,575,000	54,679,350
Closing Balance	\$ 4,809,679	\$ 4,451,660	\$ 1,648,804	\$ 188,803	\$ 22,777,654	\$ 16,651,490	\$ 16,651,490

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

CIVIC AMENITY - HARRY JEROME FUND

The CAF HJF is specifically dedicated to fund Harry Jerome Recreation Centre and Lands capital projects . In 2013, Council approved a 1% tax rate increase to be set aside for the Harry Jerome Recreation Centre project. This provided \$400,000 in annual funding for this purpose. Council approved similar increases in following years bringing the annual amount set aside for the Harry Jerome Recreation Project to \$2.6million.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance - Cash Flow	\$ 51,224,692	3,757,567	\$ 0	\$ 0	\$ 38,689,286	\$ 40,912,286	\$ 51,224,692
Contributions:	5,421,000						
- Amenity Levy	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	13,000,000	26,000,000
- HJNL Land Sale	-	-	-	50,000,000	-	-	50,000,000
- Internal borrowing from TSLR	-	6,482,867	1,496,847	(7,979,714)	-	-	-
- Internal borrowing from GCR	2,000,000	-	-	(2,000,000)	-	-	-
- Short-term Debt	109,000,000	-	-	-	-	-	109,000,000
- Cost of Borrowing - Short-term	(625,000)	(1,250,000)	(1,250,000)	(625,000)	-	-	(3,750,000)
- Parking Reserve	507,915						507,915
- Waiver of Building Permit Fees	1,300,000	-	-	-	-	-	1,300,000
Available Balance	\$ 171,428,607	\$ 11,590,434	\$ 2,846,847	\$ 41,995,286	\$ 41,289,286	\$ 53,912,286	\$ 234,282,607
Withdrawals							
Harry Jerome Community Recreation Centre	148,947,149	10,059,881	1,489,022	-	-	-	160,496,052
Mickey McDougall Feasibility Study & Building Upgrades	-	-	901,410	377,000	377,000	377,000	2,032,410
Silver Harbour Seniors Activity Centre	18,723,891	1,379,053	254,415	-	-	-	20,357,359
New Community Park - Harry Jerome Neighbourhood Lands	-	151,500	202,000	2,929,000	-	-	3,282,500
						-	-
Total Expended	167,671,040	11,590,434	2,846,847	3,306,000	377,000	377,000	186,168,321
Closing Balance	\$ 3,757,567	\$ 0	\$ 0	\$ 38,689,286	\$ 40,912,286	\$ 53,535,286	\$ 48,114,286

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

INFRASTRUCTURE

The Infrastructure Reserve funds engineering infrastructure replacement projects such as those included in the category "Structures". A long term goal for the fund would be to more closely match the amount transferred each year to this reserve from the annual budget with the City's infrastructure maintenance requirements. This would be achievable only over many years, because the value of the required infrastructure reinvestment is high.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-
Gas Tax	200,000	200,000	200,000	200,000	200,000	1,000,000	2,000,000
MRN Capital	300,000	300,000	300,000	300,000	300,000	1,500,000	3,000,000
Interest for the year						-	-
Available Balance	\$ 500,000	500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 5,000,000
Withdrawals							
Pavement Management: Streets & Lanes	500,000	500,000	500,000	500,000	500,000	2,500,000	5,000,000
Total Expended	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000	\$ 5,000,000
Closing Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-

SUSTAINABLE TRANSPORTATION

Created in 2008, The Sustainable Transportation Reserve Fund sets aside funding for the implementation of sustainable transportation initiatives included in the City's Transportation Plan.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 48,007	-	\$ -	\$ -	\$ -	\$ -	48,007
Contributions:							
- Annual	87,500	87,500	87,500	87,500	87,500	437,500	875,000
Interest for the year						-	-
	\$ 135,507	\$ 87,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 437,500	\$ 923,007
Withdrawals							
Transit Improvement Program	135,507	87,500	87,500	87,500	87,500	437,500	923,007
Total expended	\$ 135,507	\$ 87,500	\$ 87,500	\$ 87,500	\$ 87,500	\$ 437,500	\$ 923,007
Closing Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-

AFFORDABLE HOUSING

The Affordable Housing Reserve had been funded by a contribution from taxes collected set at \$260,000 per year - this was suspended once the reserve fund balance exceeded \$2.5M. As of the adoption of the revised Community Benefits Policy in 2015, the reserve is funded by a 20% allocation of the Community Benefit Cash Contributions received by the City. The fund is to be used for the provision of new non-market and special needs housing units.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 6,595,239	2,939,239	\$ 3,719,780	\$ 4,687,859	\$ 5,824,368	\$ 6,988,152	\$ 6,595,239
Contributions:							
- Levy		1,200,000	1,200,000	1,200,000	1,200,000	6,000,000	10,800,000
Interest for the year		87,182	109,872	136,509	163,785	1,251,537	1,748,885
Available Balance	\$ 6,595,239	4,226,421	\$ 5,029,652	\$ 6,024,368	\$ 7,188,152	\$ 14,239,689	\$ 19,144,123
Withdrawals							
Affordable Housing Reserve	560,000	200,000	200,000	200,000	200,000	1,000,000	2,360,000
North Shore Neighbourhood House Site Development Preparation	3,021,000	167,617	-	-	-	-	3,188,617
Supporting Affordable Housing Supply and Delivery	75,000	139,024	141,793	-	-	-	355,817
Total expended	\$ 3,656,000	506,641	\$ 341,793	\$ 200,000	\$ 200,000	\$ 1,000,000	\$ 5,904,434
Closing Balance	\$ 2,939,239	\$ 3,719,780	\$ 4,687,859	\$ 5,824,368	\$ 6,988,152	\$ 13,239,689	\$ 13,239,689

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

FIRE EQUIPMENT

Used for fire equipment, and replacement and upgrades.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 1,787	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 1,787
Contributions:							
- Budgeted	\$ 268,213	\$ 615,000	\$ 90,000	\$ 805,000	\$ 155,000	3,470,000	5,403,213
Interest for the year						-	-
Available Balance	\$ 270,000	\$ 615,000	\$ 90,000	\$ 805,000	\$ 155,000	\$ 3,470,000	\$ 5,405,000
Withdrawals							
Fire Equipment Replacement Program	\$ 235,000	615,000	90,000	770,000	155,000	3,400,000	5,265,000
Health and Wellness Initiative	\$ 35,000	-	-	35,000	-	70,000	140,000
Closing Balance	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)

COMPUTER EQUIPMENT

Used for computer equipment replacement and upgrades.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 57,096	7,096	\$ 7,778	\$ 8,477	\$ 9,192	\$ 9,925	\$ 57,096
Contributions:							
- Budgeted		500	500	500	500	2,500	4,500
Interest for the year		182	199	215	233	1,435	2,264
Available Balance	\$ 57,096	7,778	\$ 8,477	\$ 9,192	\$ 9,925	\$ 13,860	\$ 63,860
Withdrawals							
User Device Replacements	50,000					-	50,000
Closing Balance	\$ 7,096	\$ 7,778	\$ 8,477	\$ 9,192	\$ 9,925	\$ 13,860	\$ 13,860

ENGINEERING EQUIPMENT

Used for engineering equipment and vehicle replacement. Engineering has a fleet of several vehicles. Contributions to the Reserve are based on the hourly rates charged to the different projects and programs using the vehicles.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 2,348,231	1,903,231	\$ 1,426,669	\$ 1,327,789	\$ 1,078,055	\$ 1,365,049	\$ 2,348,231
Contributions:							
- Budgeted	400,000	400,000	430,000	430,000	460,000	3,294,890	5,414,890
Interest for the year		33,438	31,120	25,267	31,993	48,061	169,879
Available Balance	\$ 2,748,231	2,336,669	\$ 1,887,789	\$ 1,783,055	\$ 1,570,049	\$ 4,708,000	\$ 7,933,000
Withdrawals							
Engineering, Parks and Environment Operations Vehicle/Equipment Replacement Program	845,000	910,000	560,000	705,000	205,000	4,708,000	7,933,000
Closing Balance	\$ 1,903,231	\$ 1,426,669	\$ 1,327,789	\$ 1,078,055	\$ 1,365,049	\$ 0	\$ 0

LOCAL AREA SERVICES

Local Area Services (LAS) Projects, formerly called Local Improvement Projects, are jointly funded by the City and the benefiting property owner. The Community Charter requires that LAS Reserve funds be used only to fund the city share of new local area services projects.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 500,000	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 500,000
Contributions:							
Interest for the year		(0)	(0)	(0)	(0)	(0)	(0)
Available Balance	\$ 500,000	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ 500,000
Withdrawals							
Provision for Local Area Services - City Share	500,000	-	-	-	-	-	500,000
Closing Balance	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

PARKS DCC

The Parks DCC fund can only be used to fund the purchase of parkland and certain specific parks improvements. DCC's in general are to be used to create capital works required due to growth, therefore the City plans to use these funds to provide parks and improvements in areas impacted by growth.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 15,624,862	7,978,099	\$ 8,155,493	\$ 4,622,329	\$ 538,961	\$ 1,217,496	\$ 15,624,862
Contributions:							
- Levy	600,000	600,000	600,000	650,000	650,000	3,700,000	6,800,000
Repayment from Transportation DCC	600,000	500,000	560,000	600,000	-	1,100,000	3,360,000
Interest for the year	186,987	191,144	108,336	12,632	28,535	545,985	1,073,619
Available Balance	\$ 17,011,849	\$ 9,269,243	\$ 9,423,829	\$ 5,884,961	\$ 1,217,496	\$ 6,563,481	\$ 26,858,481
Withdrawals							
Provision for Park Acquisition	8,910,000	-	-	-	-	-	8,910,000
1600 Eastern Avenue Park - DCC	-	-	643,500	-	-	-	643,500
Waterfront Park Master Plan & Implementation - DCC	-	-	2,475,000	2,475,000	-	-	4,950,000
New Community Park - Harry Jerome Neighbourhood Lands - DCC	-	148,500	198,000	2,871,000	-	-	3,217,500
Upper Levels Greenways - DCC	123,750	965,250	1,361,250	-	-	-	2,450,250
Sunrise Park Trail System Expansion - DCC	-	-	123,750	-	-	-	123,750
Total Expended	\$ 9,033,750	1,113,750	\$ 4,801,500	\$ 5,346,000	\$ -	\$ -	\$ 20,295,000
Closing Balance	\$ 7,978,099	8,155,493	\$ 4,622,329	\$ 538,961	\$ 1,217,496	\$ 6,563,481	\$ 6,563,481

TRANSPORTATION DCC

Transportation DCC's are to be used for transportation projects required due to growth.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 283,192	42	\$ 42	\$ 42	\$ 42	\$ 42	\$ 283,192
Levy	500,000	500,000	560,000	600,000	550,000	2,750,000	5,460,000
Repayment to Parks DCC	(600,000)	(500,000)	(560,000)	(600,000)	-	(1,100,000)	(3,360,000)
Available Balance	\$ 183,192	\$ 42	\$ 42	\$ 42	\$ 550,042	\$ 1,650,042	\$ 2,383,192
Withdrawals							
New Sidewalk To Complete the Pedestrian Network - DCC	148,500	-	-	-	-	-	148,500
Priority Mobility Network Improvements - DCC	34,650	-	-	-	-	-	34,650
Marine Drive Bridge Replacement over Mackay Creek - DCC	-	-	-	-	550,000	-	550,000
Closing Balance	\$ 42	\$ 42	\$ 42	\$ 42	\$ 42	\$ 1,650,042	\$ 1,650,042

PUBLIC ART

This reserve is funded by a contribution from taxes collected, currently set at \$85,000 annually. It is used to fund public art projects as recommended to Council by the Public Art program Steering Committee.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 309,424	309,424	\$ 316,850	\$ 324,455	\$ 332,242	\$ 340,216	\$ 309,424
Contributions:							
- Budgeted	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Interest for the year		7,426	7,604	7,787	7,974	42,833	73,624
Available Balance	\$ 394,424	401,850	\$ 409,455	\$ 417,242	\$ 425,216	\$ 808,049	\$ 1,233,049
Withdrawals							
Public Art Civic Program	85,000	85,000	85,000	85,000	85,000	425,000	850,000
Total expended	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 425,000	\$ 850,000
Closing Balance	\$ 309,424	\$ 316,850	\$ 324,455	\$ 332,242	\$ 340,216	\$ 383,049	\$ 383,049

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

CEMETERY DEVELOPMENT

The Cemetery Development Fund is a non-statutory reserve which is used to fund capital improvement projects in the city's cemetery. It is generally funded by net cemetery revenues. In 2004, the Cemetery Fund also received a contribution of \$954,000 from the GVRD because of the impact of the Region's watermain project on the cemetery

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 1,189,560	889,560	\$ 910,910	\$ 932,771	\$ 955,158	\$ 978,082	\$ 1,189,560
Contributions:							
Interest for the year		21,349	21,862	22,386.51	22,924	123,140	211,662
Available Balance	\$ 1,189,560	910,910	\$ 932,771	\$ 955,158	\$ 978,082	\$ 1,101,222	\$ 1,401,222
Withdrawals							
City Cemetery Program	300,000	-	-	-	-	-	300,000
Closing Balance	\$ 889,560	\$ 910,910	\$ 932,771	\$ 955,158	\$ 978,082	\$ 1,101,222	\$ 1,101,222

CARBON FUND

The Carbon Fund is to be used for greenhouse gas emissions reducing initiatives within the City of North Vancouver, such as sustainable transportation initiatives, building energy retrofits, solar hot water, geo-exchange, fleet conversion, urban forestry and other emissions-reducing improvements. Funding is provided by an annual budget contribution as well as the Climate Action Revenue Incentive Program (CARIP), discontinued in 2021.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-
Contributions:							
Annual Budget	65,000	65,000	65,000	65,000	65,000	325,001	650,001
Available Balance	\$ 65,000	65,000	\$ 65,000	\$ 65,000	\$ 65,000	\$ 325,001	\$ 650,001
Withdrawals							
Greening the Community Building Sector	65,000	65,000	65,000	65,000	65,000	325,000	650,000
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	1	1

LOWER LONSDALE AMENITY

The LLAf was originally created to set aside funds from non-Tax Sale land or density transfer in Lower Lonsdale. Funding from this source was to be used with respect to capital projects in the Lower Lonsdale area relating to the provision of affordable and adaptable rental housing, a community arts gallery, a photographic and media arts gallery, a museum, a 150-200 seat theatre, a multi-purpose activity centre, and other Lower Lonsdale amenities. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in the LLAf, funds that are in place will be used toward the construction of Lower Lonsdale amenities as it was originally intended.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 8,877	8,877	\$ 9,090	\$ 9,308	\$ 9,531	\$ 9,759	\$ 8,877
Contributions:							
Interest for the year		213	218	223	229	234	1,854
Available Balance	\$ 8,877	9,090	\$ 9,308	\$ 9,531	\$ 9,760	\$ 9,993	\$ 10,732
Withdrawals							
Total Expended	\$ -	-	\$ -	\$ -	\$ -	\$ -	-
Closing Balance	8,877	9,090	9,308	9,531	9,759	9,993	10,731

This reserve originally aimed to set aside proceeds from land sales of non-Tax Sale properties in the Marine Drive area for the purpose of funding projects in the area. In 2011, Council adopted a bylaw that requires all land sales to be consolidated into one reserve, the Civic Amenity Reserve Fund. While no new funding will be set aside in this reserve, funds that are in place will be used toward projects in the Marine Drive area.

	2022	2023	2024	2025	2026	2026-2030	Total
Opening Balance	\$ (0)	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	(0)
Contributions:							
Interest for the year							
Available Balance	\$ (0)	(0)	\$ (0)	\$ (0)	\$ (0)	\$ (0)	(0)
Withdrawals							

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

GENERAL BUILDING

The General Building Reserve is used for capital building maintenance, renovation, and building replacement. The City owns in excess of \$100m in buildings. The GB reserve was established in 1995 to begin the process of setting aside sufficient funds to replace these buildings as required.

	2022	2023	2024	2025	2026	2026-2030	Total
Opening Balance	\$ 40,600	0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 40,600
Contributions:							
- Budgeted							-
Interest for the year		0	0	0	0	0	0
Available Balance	\$ 40,600	0	\$ 0	\$ 0	\$ 0	\$ 0	40,600
Withdrawals							
Capital Maintenance	40,600					-	40,600
Total Expended	\$ 40,600	\$ -	\$ -	\$ -	\$ -	\$ -	40,600
Closing Balance	\$ 0	0	\$ 0	\$ 0	\$ 0	\$ 0	0

JUSTICE ADMINISTRATION BUILDING

The Justice Administration Building Reserve is used for capital building maintenance, renovation, and replacement of the Gerry Brewer Building. Because the Justice Administration (Gerry Brewer) Building is co-owned with the District of North Vancouver, it has its own replacement reserve.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 3,706	3,706	\$ 3,795	\$ 3,886	\$ 3,980	\$ 4,075	\$ 3,706
Contributions:							
Interest for the year		89	91	93	96	98	89
Available Balance	\$ 3,706	3,795	\$ 3,886	\$ 3,980	\$ 4,075	\$ 4,173	3,795
Withdrawals							
Total Expended	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Closing Balance	\$ 3,706	\$ 3,795	\$ 3,886	\$ 3,980	\$ 4,075	\$ 4,173	3,795

GENERAL EQUIPMENT

Used for general equipment and machinery replacement including office equipment, and pool and bylaw vehicles.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-
Contributions:							
Interest for the year		-	-	-	-	-	-
Available Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-
Withdrawals							
Total Expended	-	-	-	-	-	-	-
Closing Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	-

PARKING

This reserve has been funded from parking revenues from 1998-2002. Moneys in the fund and any interest thereon shall be expended for purchase, acquisition, construction, installation or improvement of new and existing off-street parking spaces.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 507,915	-	\$ -	\$ -	\$ -	\$ -	507,915
Contributions:							
HJCRC	(507,915)						-
Interest for the year		-	-	-	-	-	-
Available Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	507,915
Withdrawals							
Total Expended	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Closing Balance	\$ -	-	\$ -	\$ -	\$ -	\$ -	507,915

2022-2031 CAPITAL PLAN

RESERVES AND OTHER FUNDING

OTHER FUNDING SOURCES

CHILD CARE CAPITAL IMPROVEMENT

The Child Care Capital Improvement Fund is a non-statutory reserve used to provide grants to child care services in the City. It was created in 1997 with a \$150,000 sale of density transfer from the old library site to a developers. Over the years, it has provided grants to Heywood House, St. Andrew's Daycare, Mahon Park Child Care, North Shore Neighbourhood House and Lonsdale Creek Daycare.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	9,323
Contributions:							
Available Balance	\$ 9,323	-	\$ -	\$ -	\$ -	\$ -	9,323
Child Care Capital Improvement Fund	9,323	-	-	-	-	-	9,323
Closing Balance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

HERITAGE RESERVE

The Heritage Reserve Fund was established in 1994 and received additional funding from the sale of Hammersley House in 1998. The purpose of the Reserve Fund is to fund projects on an as-needed basis that support the City's Heritage Program and goals in the Official Community Plan related to the conservation of heritage resources on the Heritage Register.

	2022	2023	2024	2025	2026	2027-2031	Total
Opening Balance	\$ 92,053	2,494	\$ 2,494	\$ 2,494	\$ 2,494	\$ 2,494	92,053
Contributions:							
Interest for the year							
Available Balance	\$ 92,053	2,494	\$ 2,494	\$ 2,494	\$ 2,494	\$ 2,494	92,053
Withdrawals							
Heritage Reserve Fund	89,559	-	-	-	-	-	89,559
Closing Balance	\$ 2,494	\$ 2,494	\$ 2,494	\$ 2,494	\$ 2,494	\$ 2,494	2,494



141 West 14th Street
North Vancouver, BC
V7M 1H9

T. 604.985.7761
F. 604.985.9417

cnv.org
info@cnv.org

2023 Project Descriptions and Funding Allocations

Project Name	Department	Lead	2023 City Funded Amount	Previously Appropriated	Early Appropriation	Description
Appropriation 2301 - General Capital Reserve						
Block Funding - EPE - Engineering Equipment	Engineering: Parks & Environment	Bruce Bowman	50,000	0	50,000	Block funding for unplanned Engineering Operations Equipment expenses.
Total Appropriation 2301			\$ 50,000	\$ -	\$ 50,000	
Appropriation 2302 - Engineering Equipment Replacement Reserve						
Engineering, Parks and Environment Operations Vehicle/Equipment Replacement Program	Engineering: Equipment	Bruce Bowman	685,000	0	150,000	Early appropriation is required to procure a replacement vehicle for an F550 lost to fire in 2022. Funding needs to be in hand to purchase when a vehicle becomes available. A purchasing agreement is in place with Ford and will not require a tender.
Total Appropriation 2302			\$ 685,000	\$ -	\$ 150,000	
Grand Total			\$ 735,000	\$ -	\$ 200,000	