

**METRO VANCOUVER REGIONAL DISTRICT
REGIONAL PARKS COMMITTEE**

MEETING

Wednesday, July 17, 2024

1:00 pm

28th Floor Committee Room, 4515 Central Boulevard, Burnaby, British Columbia

Webstream available at <https://www.metrovancover.org>

REVISED AGENDA¹

A. ADOPTION OF THE AGENDA

1. July 17, 2024 Meeting Agenda

That the Regional Parks Committee adopt the agenda for its meeting scheduled for July 17, 2024 as circulated.

B. ADOPTION OF THE MINUTES

1. May 8, 2024 Meeting Minutes

That the Regional Parks Committee adopt the minutes of its meeting held May 8, 2024 as circulated.

pg. 4

C. DELEGATIONS

D. INVITED PRESENTATIONS

1. Joyce Leung, President, and Mike Jerowsky, Treasurer, Pacific Spirit Park Society

Subject: Contribution Agreement – Pacific Spirit Park Society

2. Ross Davies, Education Coordinator, Kanaka Education and Environmental Partnership Society

Subject: Contribution Agreement - Kanaka Education and Environmental Partnership Society

¹ Note: Recommendation is shown under each item, where applicable.

E. REPORTS FROM COMMITTEE OR CHIEF ADMINISTRATIVE OFFICER

- Corrected** **1. Contribution Agreement Request – Pacific Spirit Park Society** *pg. 8*
That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Pacific Spirit Park Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.
- Corrected** **2. Contribution Agreement Request – Kanaka Education and Environmental Partnership Society** *pg. 35*
That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Kanaka Education and Environmental Partnership Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.
- 3. Draft 2025 – 2029 Capital Plan Overview** *pg. 63*
That the Regional Parks Committee receive for information the report dated July 10, 2024, titled “Draft 2025 – 2029 Regional Parks Capital Plan.”
- Revised Attachment 1** **4. Natural Resource Management Restoration Program Update** *pg. 75*
That the Regional Parks Committee receive for information the report dated May 31, 2024, titled “Natural Resource Management Restoration Program Update.”
- 5. Manager’s Report – Regional Parks** *pg. 86*
That the MVRD Board receive for information the report dated July 9, 2024, titled “Manager’s Report – Regional Parks.”

F. INFORMATION ITEMS

- 1. Metro Vancouver’s 2024 Financial Performance Report No. 1** *pg. 97*
- 2. Regional Parks Upcoming Events – July 2024** *pg. 138*
- 3. Regional Parks Upcoming Events – August 2024** *pg. 140*

G. OTHER BUSINESS

H. RESOLUTION TO CLOSE MEETING

Note: The Committee must state by resolution the basis under section 90 of the Community Charter on which the meeting is being closed. If a member wishes to add an item, the basis must be included below.

That the Regional Parks Committee close its meeting scheduled for July 17, 2024 pursuant to section 226 (1) (a) of the *Local Government Act* and the *Community Charter* provisions as follows:

- 90 (1) A part of a council meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
- (e) the acquisition, disposition or expropriation of land or improvements, if the council considers that disclosure could reasonably be expected to harm the interests of the municipality.

I. ADJOURNMENT

That the Regional Parks Committee adjourn its meeting of July 17, 2024.

Membership:

McEwen, John (C) – Anmore
Bligh, Rebecca (VC) – Vancouver
Au, Chak – Richmond
Calendino, Pietro – Burnaby
Elke, Tracy – Pitt Meadows
Hodge, Craig – Coquitlam

Kruger, Dylan – Delta
Lahti, Meghan – Port Moody
Leonard, Andrew – Bowen Island
Muri, Lisa – North Vancouver District
Penner, Darrell – Port Coquitlam
Ross, Jamie – Belcarra

Stutt, Rob – Surrey
Tan, Jenny – Maple Ridge
Thompson, Sharon – West Vancouver
Woodward, Eric – Langley Township

**METRO VANCOUVER REGIONAL DISTRICT
REGIONAL PARKS COMMITTEE**

Minutes of the Regular Meeting of the Metro Vancouver Regional District (MVRD) Regional Parks Committee held at 9:00 am on Friday, May 8, 2024 in the 28th Floor Committee Room, 4515 Central Boulevard, Burnaby, British Columbia.

MEMBERS PRESENT:

Chair, Director John McEwen, Anmore
 Vice Chair, Director Rebecca Bligh, Vancouver (arrived at 9:16 am)
 Director Chak Au, Richmond
 Director Pietro Calendino, Burnaby
 Councillor Tracy Elke, Pitt Meadows* (arrived at 9:02 am)
 Director Craig Hodge, Coquitlam
 Director Dylan Kruger, Delta*
 Director Meghan Lahti, Port Moody
 Director Andrew Leonard, Bowen Island
 Director Lisa Muri, North Vancouver District
 Councillor Darrell Penner, Port Coquitlam
 Director Jamie Ross, Belcarra
 Director Rob Stutt, Surrey
 Councillor Jenny Tan, Maple Ridge
 Councillor Sharon Thompson, West Vancouver (arrived at 9:03 am)
 Director Eric Woodward, Langley Township*

STAFF PRESENT:

Mike Redpath, Director, Regional Parks
 Catherine Grosson, Legislative Services Coordinator, Board and Information Services
 Teresa Maddison, Park Planner I, Regional Parks
 Candace Ng, Park Programs and Outreach Coordinator, Regional Parks

*denotes electronic meeting participation as authorized by the *Procedure Bylaw*

A. ADOPTION OF THE AGENDA

1. May 8, 2024 Meeting Agenda

It was MOVED and SECONDED

That the Regional Parks Committee adopt the revised agenda for its meeting scheduled for May 8, 2024 as circulated.

CARRIED

B. ADOPTION OF THE MINUTES

1. April 3, 2024 Meeting Minutes

It was MOVED and SECONDED

That the Regional Parks Committee adopt the minutes of its meeting held April 3, 2024 as circulated.

CARRIED

C. DELEGATIONS

No items presented.

D. INVITED PRESENTATIONS

No items presented.

E. REPORTS FROM COMMITTEE OR CHIEF ADMINISTRATIVE OFFICER

1. Regional Parks 2023 Annual Report

Report dated April 16, 2024 from Mike Redpath, Director, Regional Parks and Jamie Vala, Division Manager, Planning and Resource Management, Regional Parks, providing the *Regional Parks 2023 Annual Report* to the Regional Parks Committee and MVRD Board for information.

9:02 am Councillor Elke arrived at the meeting.

9:03 am Councillor Thomspson arrived at the meeting.

Candace Ng, Park Programs and Outreach Coordinator, Regional Parks and Teresa Maddison, Park Planner I, Regional Parks provided members with a presentation titled "Regional Parks 2023 Annual Report" which outlined the increases in attendance at regional parks and participation in programs, relationship-building with First Nations, and stewardship and restoration work being done in Metro Vancouver regional parks.

It was MOVED and SECONDED

That the MVRD Board receive for information report dated April 16, 2024, titled "Regional Parks 2023 Annual Report".

CARRIED

2. MVRD Regional Parks Regulation Amendment Bylaw No. 1384, 2024 – Amends Bylaw No. 1177, 2012

Report dated April 19, 2024 from David Leavers, Division Manager, Visitor and Operations Services, Regional Parks, requesting MVRD Board consideration for an amendment to the *Metro Vancouver Regional District Regional Parks Regulation Bylaw No. 1177, 2012* to enable the implementation of the MVRD Board-approved pilot program to permit alcohol consumption in regional parks in 2024.

It was MOVED and SECONDED

That the MVRD Board:

- a) give first, second, and third reading to *Metro Vancouver Regional District Regional Parks Regulation Amendment Bylaw No. 1384, 2024*; and
- b) adopt *Metro Vancouver Regional District Regional Parks Regulation Amendment Bylaw No. 1384, 2024*.

CARRIED

3. MVRD Consumption of Liquor in Regional Parks Bylaw No. 1385, 2024

Report dated April 16, 2024 from David Leavers, Division Manager, Visitor and Operations Services, Regional Parks, proposing a new bylaw that will enable the implementation of the MVRD Board-approved pilot program to permit alcohol consumption in six regional parks in 2024.

It was MOVED and SECONDED

That the MVRD Board:

- a) give first, second, and third reading to *Metro Vancouver Regional District Consumption of Liquor in Regional Parks Bylaw No. 1385, 2024*; and
- b) adopt *Metro Vancouver Regional District Consumption of Liquor in Regional Parks Bylaw No. 1385, 2024*.

CARRIED

4. Manager's Report – Regional Parks

Report dated May 1, 2024 from Mike Redpath, Director, Regional Parks, updating the Regional Parks Committee on the 2024 Regional Parks Visitor Survey, the filming activity in 2024, regional parks programming and the installation of a Welcome Pole in təmtəx'wətən/Belcarra Regional Park by səilwətał (Tsleil-Waututh Nation).

9:16 am Vice Chair Bligh arrived at the meeting.

It was MOVED and SECONDED

That the Regional Parks Committee receive for information the report dated May 1, 2024, titled "Manager's Report – Regional Parks."

CARRIED

F. INFORMATION ITEMS

1. Regional Parks Upcoming Events – May 2024

G. OTHER BUSINESS

H. RESOLUTION TO CLOSE MEETING

It was MOVED and SECONDED

That the Regional Parks Committee close its meeting scheduled for May 8, 2024 pursuant to section 226 (1) (a) of the *Local Government Act* and the *Community Charter* provisions as follows:

- 90 (1) A part of a council meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:
- (e) the acquisition, disposition or expropriation of land or improvements, if the council considers that disclosure could reasonably be expected to harm the interests of the municipality; and
 - (g) litigation or potential litigation affecting the municipality.

CARRIED

I. ADJOURNMENT

It was MOVED and SECONDED

That the Regional Parks Committee adjourn its meeting of May 8, 2024.

CARRIED

(Time: 9:18 am)

Catherine Grosson,
Legislative Services Coordinator

John McEwen,
Chair

67826286 DRAFT

To: Regional Parks Committee

From: David Leavers, Division Manager, Visitor and Operations Services, Regional Parks

Date: June 24, 2024 Meeting Date: July 17, 2024

Subject: **Contribution Agreement Request – Pacific Spirit Park Society**

RECOMMENDATION

That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Pacific Spirit Park Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.

EXECUTIVE SUMMARY

The 2024 – 2028 Metro Vancouver Regional Parks financial plan includes annual allocations in 2025 for six active park associations, including Pacific Spirit Park Society (PSPS). Funding will be used to support opportunities for citizens to help protect and enhance regional parks, while advocating for greater public connection to nature.

PSPS's proposed contribution agreement includes a three-year funding commitment of \$15,000 per year. The proposed funding will support PSPS's capacity to provide many volunteer programs and services for the enhancement of Pacific Spirit Regional Park, working closely with MVRD staff.

PURPOSE

To seek MVRD Board approval to enter into a new three-year contribution agreement with the Pacific Spirit Park Society (Attachment 1).

BACKGROUND

This report has been prepared to seek approval to replace the contribution agreement with PSPS that will expire on December 31, 2024. Metro Vancouver Regional District (MVRD) and PSPS have collaborated under a contribution agreement in respect of Pacific Spirit Regional Park since 2002. The primary purpose of the proposed funding is to provide a level of support for the park association and increase its capacity to provide to provide education and volunteer coordination services that support Regional Park goals. The range of key deliverables includes:

- enabling PSPS's Board of Directors to achieve broader MVRD outcomes
- coordinating volunteer work parties and managing volunteers
- providing administrative support to the PSPS Board, including record keeping as appropriate
- coordinating society communications with PSPS Board, committees, society members, volunteers, MVRD staff, public and partner groups
- coordinating and/or conducting outreach to increase community awareness
- coordinating and supporting events, such as Night Quest
- coordinating and supporting fundraising

- coordinating programs that include MVRD messaging

PARK PARTNERSHIP PROGRAM/REGIONAL PARKS PLAN ALIGNMENT

Metro Vancouver manages dedicated funds for capacity building and support for six active park associations in Regional Parks as part of a broader Park Partnership Program. The type and scope of programs and services vary among park associations based on each association's goals. Past funding of these associations has reflected the proposed use of funds, demonstration of need, and previous performance assessments, up to a limit of \$15,000 per association per year.

The Park Partnership Program supports the *Regional Parks Plan* guiding principle of collaboration. By working with others, Regional Parks collectively cares for the land to improve the region's livability and ecological health.

In addition, the Park Partnership Program helps Regional Parks to meet the 'Engage and Program' strategies of the *Regional Parks Plan* to:

- provide diverse and meaningful learning and volunteer opportunities that deepen people's connection to nature (Strategy 12)
- tell stories about regional parks to connect the region's diverse population with nature and inspire its protection (Strategy 13)
- learn and share knowledge (Strategy 14)

CONTRIBUTION AGREEMENT

The contribution agreement (Attachment 1) states that the primary purpose for this funding is to provide a level of support for the park association, to provide capacity to serve the people and communities it reaches through its initiatives in support of Metro Vancouver's goals for the park.

PSPS has fulfilled its annual reporting requirements over the past three years by submitting an annual report to the MVRD.

Term

- The term of the proposed agreement commences January 1, 2025 and ends on December 31, 2027.
- This three-year term recognizes the maturity/stability of the PSPS and MVRD staff confidence in their ability to commit to and deliver upon a three-year work program.
- There are provisions in the agreement for early termination in the event of bankruptcy, if the funds are being used in a manner contrary to the agreement or not in the public interest, or the park association is unable to meet its agreed obligations.

Activities and Services

In 2023, the PSPS coordinated 213 events, resulting in 2,820 volunteer hours being devoted to the removal of invasive species, planting of native species, Camosun Bog water monitoring, eagle nest monitoring, invertebrate surveys, interpretive nature walks, and the running of education pop-ups in the park.

PSPS proposes to use 2025 – 2027 funds as described in its Application Form (Attachment 2) including the funding of its Volunteer and Program Coordinator who organizes volunteer work parties and programming in Pacific Spirit Regional Park. This position is essential in the planning, organization, and recruitment of stewardship initiatives, including ecological restoration work, citizen science monitoring, and environmental education activities. The funds will cover 600 hours of contracted work per year (i.e., 39 per-cent of the annual cost of the Volunteer and Program Coordinator based on the PSPS budget for 2023). This work is summarized in Attachment 2 under the headings of restoration, monitoring, education and general programming.

ALTERNATIVES

1. That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Pacific Spirit Park Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.
2. That the MVRD Board receive for information the report dated June 24, 2024, titled “Contribution Agreement Request – Pacific Spirit Park Society” and provide alternate direction to staff.

FINANCIAL IMPLICATIONS

The 2024 – 2028 Metro Vancouver Regional Parks financial plan includes annual allocations in 2025 for six active park associations, including Pacific Spirit Park Society (PSPS), up to a limit of \$15,000 per association per year.

This contribution agreement includes a three-year funding commitment of \$15,000 per year for PSPS. If the MVRD Board approves Alternative 1, the 2025 – 2027 Regional Parks budgets will continue to include a provision for this funding as a portion of the annual budget.

Payments will be made by January 31 of each of the three years of the agreement.

CONCLUSION

Alternative 1 supports Metro Vancouver’s desire to have the park collectively cared for to improve the region’s livability and ecological health. Proposed funding supports PSPS’ capacity to provide community benefit to Metro Vancouver Regional Parks through their many volunteer programs and services. Staff recommends approval of Alternative 1.

ATTACHMENTS

1. Contribution Agreement – Pacific Spirit Park Society
2. 2025 Regional Parks Contribution Funding Application Form – Pacific Spirit Park Society

68051026

CONTRIBUTION AGREEMENT

THIS AGREEMENT made the _____ day of _____, 2024

BETWEEN:

METRO VANCOUVER REGIONAL DISTRICT

4515 Central Blvd.

Burnaby, BC

V5H 0C6

("MVRD")

AND:

PACIFIC SPIRIT PARK SOCIETY

c/o #101-355 Westminster Hwy

Richmond, BC

V7C 5P6

(the "Recipient")

WHEREAS:

- A. The Recipient is a non-profit society. The purpose of the Recipient is to promote the protection of and care for Pacific Spirit Regional Park, an urban forest and foreshore park, and its activities include advising MVRD where possible on the protection and care for the Park and in the planning and operation of the Park, encouraging recreational use of the Park in harmony with the protection of its natural resources, and promoting public awareness of the value of the Park by developing programs, projects and events in conjunction with MVRD and other interested parties;
- B. The Recipient has requested, and MVRD has agreed to provide to the Recipient, funds for certain planned Recipient services and activities in 2025-2027, to assist the MVRD in achieving the goals of its Regional Parks Plan for the Park; and
- C. Pursuant to Section 263(1)(c) of the *Local Government Act*, MVRD may provide assistance for the purpose of benefitting the community or any aspect of the community.

NOW THEREFORE in consideration of the premises, terms and conditions contained in this Agreement (the receipt and sufficiency of which are hereby acknowledged), the parties agree as follows:

1.0 INTERPRETATION

In this Agreement the following terms have the following meanings:

“Agreement” means this agreement and the attached schedules, as may be amended from time to time.

“Funds” has the meaning set forth in Section 3.1.

“including” means ‘including without limitation’, and will be construed without implying limitation by the words that follow, regardless of whether the words ‘without limitation’ or similar words are used.

“Park” means Pacific Spirit Regional Park.

“Plan” means the plan attached as Schedule A of this Agreement which sets out the specific services and/or activities planned by the Recipient for the Term.

“Services” means the activities and/or services of the Recipient set out in the Plan.

“Term” has the meaning set forth in Article 2.0.

Unless otherwise stated, references in this Agreement to articles, sections and schedules refer to those articles, sections and schedules of this Agreement.

2.0 TERM

The term of this Agreement will commence on January 1, 2025, and end on December 31, 2027 (the **“Term”**), unless earlier terminated as provided in this Agreement.

3.0 SERVICES

3.1 The Recipient will provide the Services in accordance with the Plan and the terms and conditions of this Agreement (including the criteria outlined in Schedule B), and in strict compliance with all applicable bylaws of MVRD and the local municipality, all applicable legislation and regulations, and all guidelines provided by MVRD in writing from time to time pursuant to this Agreement.

3.2 The Recipient will, at MVRD’s written request, provide all information required to enable MVRD to evaluate, using the criteria set out in Schedule B, the Recipient’s provision of the Services during the Term.

3.3 MVRD must approve any changes to the Plan or Services in writing prior to the changes being made during the Term.

3.4 If the Recipient makes any changes to the Plan or Services without the prior approval of MVRD

pursuant to Section 3.3, MVRD may, at its sole discretion, immediately terminate the Agreement by written notice to the Recipient.

4.0 FUNDING AND PAYMENT

4.1 MVRD will during the Term provide to the Recipient funding up to the maximum total amount of \$45,000 (the “**Funds**”) to support the Recipient’s provision of the Services, which amount will be advanced according to the provisions of this Article 4.0.

4.2 On or before January 31 in each year of the Term, and subject to the Recipient’s ongoing compliance with the terms of this Agreement, MVRD will pay to the Recipient, by cheque or electronic funds transfer, \$15,000 of the Funds.

4.3 Every advance of any part of the Funds is subject to MVRD being satisfied, in its sole and absolute discretion, that the Recipient is able to and will perform the remaining Services in accordance with the Plan and all requirements of this Agreement.

4.4 The Recipient will only use the Funds to provide the Services in accordance with the terms and conditions of this Agreement and for no other purpose.

4.5 Notwithstanding any other provision of this Agreement, the Recipient acknowledges and agrees that the Funds and each advance of them pursuant to this Article 4.0 is subject to the approval by the MVRD of the relevant MVRD budget including the Funds and/or such advance.

5.0 REPORTING

The Recipient will report to MVRD on the progress of the Services in accordance with the requirements of the reporting section of Schedule B and otherwise as required by MVRD from time to time.

6.0 TAXES

It is the Recipient’s responsibility to determine whether or not it has to be registered for GST and/or PST purposes. The amount of funding provided in this Agreement includes any GST and/or PST which may be payable by MVRD. Any liability for GST and/or PST required in respect of this Agreement will be the responsibility of the Recipient.

7.0 SEPARATE FUNDS AND FINANCIAL STATEMENTS

The books of account of the Recipient will be kept in accordance with Generally Accepted Accounting Practices.

8.0 RIGHT OF AUDIT

At any time, MVRD may give to the Recipient written notice that it desires its representative to examine the books of account of the Recipient, and the Recipient will produce to such representative for examination within ten days after receipt of such notice, its books of account. Such representative will have a right of access to all records, documents, books, accounts and vouchers of the Recipient and will be entitled to require from the directors and officers of the Recipient such information and explanations as, in the opinion of such representative, may be necessary to enable the representative to report to the board of directors of MVRD on the financial position of the Recipient.

9.0 INDEMNITY AND RELEASE

9.1 The Recipient will indemnify and save harmless MVRD, its elected officials, appointed officers, employees and agents from and against all actions, causes of action, claims, liabilities, damages, losses, costs, legal fees, fees, fines, charges or expenses which any or all of them may incur, be threatened by or be required to pay by reason of or arising out of the provision of the Services by the Recipient, the Recipient's use of any facility where the Services are provided, the breach by the Recipient of any term of this Agreement, or by the Recipient's contravention of any law, enactment or regulation of a federal, provincial or local government.

9.2 The Recipient hereby releases MVRD, its elected officials, appointed officers, employees and agents from and waives any claim, right, remedy, action, cause of action, loss, damage, expense, fee or liability which the Recipient may have against any or all of them in respect of an act of MVRD in relation to this Agreement, except insofar as such claim, right, remedy, action, cause of action, loss, damage, expense, fee or liability arises from the negligence of MVRD, its elected officials, appointed officers, employees, agents or contractors.

9.3 This Article 9.0 survives the expiry or earlier termination of this Agreement.

10.0 TERMINATION

10.1 MVRD may terminate this Agreement immediately upon providing written notice to the Recipient:

- (a) Pursuant to Section 3.4;
- (b) If the Recipient fail to perform any of its obligations in the Agreement and such failure has not been rectified to the satisfaction of MVRD within 30 days from delivery by MVRD to the Recipient of written notice specifying the failure and requiring its remedy;
- (c) If the Recipient make an assignment in bankruptcy or is declared bankrupt; or
- (d) If MVRD, in its sole discretion, determines that any of the Funds are being used in a

manner contrary to the Plan, this Agreement or the public interest.

- 10.2** MVRD may terminate this Agreement for any reason whatsoever upon giving 90 days' written notice to the Recipient.
- 10.3** The Recipient may terminate this Agreement upon giving 30 days' written notice to MVRD should the Recipient, for any reason, be unable to meet its obligations with respect to the provision of the Services as set forth in this Agreement.
- 10.4** Upon termination of this Agreement by either party and for any reason, the Recipient will immediately return any Funds that have been advanced but not yet spent on providing the Services. The Recipient will provide a full accounting of all Funds advanced but not returned under this Agreement.

11.0 NOTICE

- 11.1** Unless otherwise specified in this Agreement, any notice required to be given under this Agreement by any party will be in writing and will be deemed to have been given if mailed by prepaid registered mail, sent by electronic mail (email), or delivered to the address of the other party as set forth below, or at such other address as the other party may from time to time direct in writing, and any such notice will be deemed to have been received if mailed or emailed, 72 hours after the time of mailing or email, and if delivered by personal delivery, upon the date of delivery. If normal mail service or email service is interrupted by strike, slow down, force majeure or other cause, then a notice sent by the impaired means of communication will not be deemed to be received until actually received, and the party sending the notice must utilize any other such services which have not been so interrupted or must deliver such notice by personal delivery in order to ensure prompt receipt thereof.

To MVRD:

Mike Redpath, Director, Regional Parks
Metro Vancouver Regional District
4515 Central Blvd.
Burnaby, BC V5H 0C6

Email: mike.redpath@metrovancover.org

To the Recipient:

Joyce Leung, Director, President
#101-355 Westminster Hwy
Richmond, BC V7C 5P6

Email: joycepsleung@gmail.com

12.0 AUTHORIZATION

The Recipient represents and warrants that:

- (a) it is and will during the Term remain duly organized, validly existing, and in good standing under the laws of the jurisdiction in which it is organized; and
- (b) the execution and delivery of this Agreement and the performance of the Services have been duly and validly authorized by all necessary corporate action of the Recipient, and this Agreement constitutes a legal, valid and binding obligation of the Recipient enforceable against the Recipient in accordance with its terms and the person signing this Agreement on the Recipient's behalf is duly authorized to do so.

13.0 TIME

Time is of the essence in this Agreement.

14.0 BINDING

In consideration of being granted the Funds, the Recipient agrees to be bound by the terms and conditions of this Agreement, and if the Recipient represents a group or organization, the Recipient agrees to inform all responsible persons associated with the group or organization or involved in performing any of the Services of the terms and conditions of this Agreement and to ensure that all such terms and conditions are complied with.

15.0 ASSIGNMENT

The Recipient may not assign this Agreement, in whole or in part, without the prior written consent of MVRD.

16.0 ENUREMENT

This Agreement will enure to the benefit of and be binding upon the parties to this Agreement and their respective successors and permitted assigns.

17.0 RELATIONSHIP OF PARTIES

No provision of this Agreement will be construed to create a partnership or joint venture relationship, an employer-employee relationship, a landlord-tenant, or a principal-agent relationship between the parties. 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 assume any obligations or responsibilities, express or implied, on behalf of the other party.

18.0 WAIVER

The waiver by a party of any failure on the part of the other party to perform in accordance with any of the terms or conditions of this Agreement is not to be construed as a waiver of any future or continuing failure, whether similar or dissimilar.

19.0 AMENDMENTS

This Agreement may not be modified or amended except by the written agreement of the parties.

20.0 WHOLE AGREEMENT

The whole agreement between the parties is set forth in this document and no representations, warranties or conditions, express or implied, have been made other than those expressed in this Agreement.

21.0 LANGUAGE

Wherever the singular, masculine and neuter are used throughout this Agreement, the same is to be construed as meaning the plural or the feminine or the body corporate or politic as the context so requires.

22.0 CUMULATIVE REMEDIES

No remedy under this Agreement is to be deemed exclusive but will, where possible, be cumulative with all other remedies at law or in equity.

23.0 GOVERNING LAW AND JURISDICTION

This Agreement is to be construed in accordance with and governed by the laws applicable in the Province of British Columbia and the parties attorn to the exclusive jurisdiction of the courts of the Province of British Columbia.

24.0 COUNTERPARTS

This Agreement may be executed in counterparts with the same effect as if both parties had signed the same document. Each counterpart will be deemed to be an original. All counterparts will be construed together and will constitute one and the same Agreement. 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.

[Signature Page Follows]

IN WITNESS WHEREOF the parties have executed this Agreement as of the day and year first above written.

METRO VANCOUVER REGIONAL DISTRICT

Per: _____
Jerry W. Dobrovolny, P.Eng., MBA
Chief Administrative Officer

PACIFIC SPIRIT PARK SOCIETY

Per: _____
Joyce Leung
Director, President

SCHEDULE 'A'
Pacific Spirit Park Society (Recipient)
2025 - 2027 Plan

Services to be performed by the Recipient during the Term include the following, as developed and agreed by the parties pursuant to this Agreement in support of the mutual goals of the MVRD and Recipient in respect of the Park:

- meeting regularly with MVRD staff to finalize plans for Recipient Services and other activities during the Term and providing updates and reports on all activities performed in respect of this Agreement and the mutual goals of the parties in respect of the Park
- advising MVRD where possible, on the protection and care for the Park and in the planning and operation of the Park
- advising MVRD in such a way as to promote the preservation and protection of the natural resources of the Park
- encouraging recreational use of the Park in harmony with the protection of natural resources
- promoting public awareness of the value of the Park by developing and implementing programs, projects and events in conjunction with MVRD and other interested parties
- educating users of the Park and the public in general on the significant natural attributes of the Park, on the effects of improper treatment of Park lands, and on ethical and acceptable standards of behaviour and activity for Park users
- coordinating volunteer work parties and managing volunteers operating in the Park
- communicating with volunteers, MVRD staff, public and partner groups on Park initiatives
- coordinating and/or conducting outreach to increase community awareness of ecological issues impacting the Park
- coordinating and supporting events in the Park, such as Night Quest
- coordinating Park programs that include MVRD messaging

The Recipient proposes to use some or all of the Funds to offset costs for its Volunteer and Program Coordinator who organizes volunteer work parties and programming in the Park and otherwise ensures the Services are performed in accordance with this Agreement.

To be eligible for future funding opportunities, and as part of the Services under this Agreement, a member of the Recipient must during the last six months of the Term make a presentation to the Regional Parks Committee of MVRD summarizing achievements under this Agreement.

SCHEDULE 'B'

Evaluation

Reporting:

As a condition precedent to any advance of Funds under this Agreement, Pacific Spirit Park Society must provide to MVRD each of the following:

- Records of Recipient volunteer hours, events, activities, participants and associated statistics during the preceding calendar year. Note that these statistics will be included in MVRD Regional Parks' annual report; and
- A report outlining activities and accomplishments toward the mutual goals of the parties during the Term to date, such as additional funds raised to support such goals, new initiatives, new partnerships, anecdotal success stories, etc.



2025 REGIONAL PARKS CONTRIBUTION FUNDING APPLICATION

Application Form

DEADLINE: 4:00pm, Friday April 26, 2024

- (1) In order to be considered for funding support you must be recognized as the official Park Association in your respective regional park and be incorporated under the Society Act.**

Please check the name of your Park Association:

- ☐ Burnaby Lake Park Association
☐ Colony Farm Park Association
☐ Derby Reach Brae Island Parks Association
☐ Kanaka Education and Environmental Partnership Society
☐ Minnekhada Park Association
☒ Pacific Spirit Park Society

- (2) Park Association Application Contact Person**

Primary Contact:

Name *Micheal Jerowsky*
Role / Position: *Director, Treasurer*
Address: [REDACTED]
City: [REDACTED] Postal Code: [REDACTED]

Telephone 1: [REDACTED]
Email: [REDACTED]

Alternate Contact (to be used if Primary Contact is unavailable)

Name *Joyce Leung*
Role / Position: *Director, President*
Address: [REDACTED]
City: [REDACTED] Postal Code: [REDACTED]

Telephone 1: [REDACTED]
Email: [REDACTED]

- (3) In order to qualify for contribution funding applicants must be a registered, non-profit society in good standing. Please provide registration number and indicate date of incorporation.**

Full Legal Name of Association: *Pacific Spirit Park Society*
Date Registered as a Society: *December 16th, 1998*
Registration Number: *S-39205*
Society has charitable status: ☐ Yes ☒ No



(4) Provide a description of why contribution funding is being requested and the amount required.

Amount requested for 2025: \$15,000.00

For three-year agreements:

Amount requested for 2026: \$15,000.00

Amount requested for 2027: \$15,000.00

PLEASE NOTE: The maximum annual request is \$15,000.

Use the following questions as a guide in preparing your submission. Based on your group's experience and history with Metro Vancouver Regional Parks, there may be other important considerations you wish to list. Use as much space and additional sheets as required.

What are the objectives of this funding?

The Pacific Spirit Park Society (PSPS) will use this funding to fund our Volunteer and Program Coordinator (VPC) to coordinate volunteer work parties and programming in Pacific Spirit Regional Park. PSPS is a community-based volunteer organization that works together with Metro Vancouver Regional Parks for the benefit of Pacific Spirit Regional Park. The VPC is essential in the planning, organization, and recruitment for our stewardship initiatives, which include ecological restoration, citizen science monitoring, and environmental education activities.

PSPS work parties and events are entirely volunteer driven. In 2023, the PSPS VPC coordinated 213 events, resulting in 2820 volunteer hours that were devoted to the removal of invasive species, planting of native species, Camosun Bog water monitoring, eagle nest monitoring, invertebrate surveys, interpretive nature walks and the running of education pop-ups in the park. Moving forward, the VPC will support the PSPS Board in the following ways:

- Manage and grow a diverse PSPS volunteer program through recruitment, selection, supervision, recognition, and retention of volunteers.
- Coordinate events and fundraising campaigns.
- Conduct community outreach and advocacy on behalf of the Pacific Spirit Park Society.
- Coordinate communications with PSPS committees and members, as well as Metro Vancouver Regional Parks staff, PSPS partner groups, and the public.

How will the funds be used?

These funds will be used to secure our Volunteer and Program Coordinator for 2025, 2026, and 2027. We will use the funds to cover 600 hours of contracted work per year i.e. 39% of the annual cost of the VPC based on our budget for 2023 year.

How will the funds enable the park association to achieve its objectives?

The Volunteer and Program Coordinator will use the 600 hours this funding will pay for to coordinate our events and programs, which involves volunteer recruitment, the planning and development of program goals and objectives alongside the PSPS board, working with the treasurer to allocate resources for program activities, creating and implementing program policies and procedures, monitoring program



performance and evaluating program outcomes, identifying challenges in our programs and bringing these to the PSPS board, and providing regular program updates to our volunteers, board members, and Metro Vancouver Regional Parks staff.

Volunteer coordination requires considerable amounts of time dedicated to communicating with volunteers and volunteer leaders to ensure events and work parties have enough people available to complete our work in the park. This is done through email, phone, and social media. The VPC also ensures that our programming events are coordinated in such a way that tool and tent deliveries are scheduled, safety procedures are followed, and that all requirements have been met prior to volunteers entering a site (i.e. bird nest surveys and archaeological assessments have been conducted).

What are the benefits to regional parks?

The use of these funds to coordinate programs devoted to ecological restoration, monitoring, and environmental education have several benefits for regional parks:

The most immediate benefit is the preservation of biodiversity within Pacific Spirit Regional Park. This park has serious infestations of several invasive plant species, like Himalayan Blackberry and English Holly. These replace and crowd out native trees, shrubs, and groundcover by out-competing them, smothering them, and pulling trees down by their weight. Recently, multiple years of intense weather have resulted in severe disturbances throughout the park and invasive species are often the first to move into such locations. By manually removing invasive species from Pacific Spirit Regional Park, planting native species, and monitoring their growth, our volunteers are helping to protect biodiversity within the park while restoring habitat and protecting endangered species like the Oregon Fairy Shrimp.

Secondly, our programming increases the environmental awareness of our local community. Visitors and volunteers come to better understand the importance of local plants/creatures and are brought together as they work toward the common goal of protecting Pacific Spirit Regional Park. In this way, our programs foster a sense of community and civic engagement. In particular, our programming has been very important when engaging local youth and young adults as they learn leadership and teamwork skills outdoors – they gain many physical and mental-health benefits from this. In turn, our regional park system benefits from users who are committed to the health of the park, respectful of their environment, and who want to take action to protect it.

Finally, our programming has provided significant economic benefits to Pacific Spirit Regional Park. Since we expanded our programming in 2016, our volunteers have donated a total of 24,658 hours. At the current minimum wage of \$16.75/hr, these volunteers have provided \$413,021 in free labour to help restore and protect the park during that time. Additionally, our community outreach has resulted in a large number of donations. In 2023 alone, we raised over \$10,000 to support the park. Our partners at the Metro Vancouver Regional Parks Foundation also inform us that our programming has helped to attract significant donors as well.

How much funding is required and what portion is being requested from Metro Vancouver?

The total expenses for the Pacific Spirit Park Society as of our last AGM was \$59,346.73. The cost of our Volunteer and Program coordinator was \$38,259.50, and we are requesting \$15,000.00 of this annually for 2025, 2026, and 2027.

***Will the funds be used to leverage additional financial support from other sponsors?***

Yes, the Volunteer and Program Coordinator is successfully fundraising, grant writing, and requesting donations alongside our board of directors. We have successfully obtained grants and donations from groups such as BC Gaming, TD Friends of the Environment, Metro Vancouver Regional Parks Foundation, local businesses, and schools.

If funds are not provided what will the impact be on the project or the society?

Without the requested funds to help maintain the Volunteer and Program Coordinator position, PSPS' programming and work parties would be significantly reduced, as would the benefits to regional parks. Work parties would be curtailed, and our ability to reach out to volunteers and other donors would be severely limited.

What background work has already been done for initiatives outlined in this application?

The Pacific Spirit Park Society has been working successfully with Metro Vancouver Regional Parks for over 20 years. Specifically, we work closely with the West Area Community Development Coordinator, Resource Management Specialist, Stewardship Technician, operations staff, and interpretation staff to create annual work-plans related to our ecological restoration, monitoring, and education programs.

Our programs have expanded significantly in recent years, and while these were impacted by the pandemic, our volunteer numbers have surged over the past two years. Unfortunately, this success means that our current expenditures are greater than the annual funding received from Metro Vancouver Regional Parks. We have been successfully pursuing additional sources of funding, primarily through community donations and grants to provide additional capacity.

If this is an ongoing initiative, how will you finance it in future years?

Yes, all of our programs are ongoing initiatives, and continued expansion of our costs will be met through community donations and grants. PSPS is currently working with the Metro Vancouver Regional Parks Foundation to maximize and sustainably manage the funds from the Bessie Luteyn Bequest to help meet additional funding requirements moving forward.

As our ecological restoration, monitoring, and education programs have been operating for several years now, the scope of our work will not change dramatically over the next three years. However, we seek to grow the number of volunteers we work with in the park annually:

2025: Volunteer Hours – 3500: Remove invasive species and plant native species and select sites throughout Pacific Spirit Regional Park, monitor previously restored areas, water levels in Camosun Bog, and local eagle populations. Increase the number of park user engagements in our education programs to 2000.

2026: Volunteer Hours – 3750; Remove invasive species and plant native species and select sites throughout Pacific Spirit Regional Park, monitor previously restored areas, water levels in Camosun Bog, and local eagle populations. Increase the number of park user engagements in our education programs to 2250.



2027: Volunteer Hours – 4000; Remove invasive species and plant native species and select sites throughout Pacific Spirit Regional Park, monitor previously restored areas, water levels in Camosun Bog, and local eagle populations. Increase the number of park user engagements in our education programs to 2500.

Additionally, over these three years we will continue to build, maintain, and expand our EcoKIT program. These are self-contained kits for use by local classrooms to help students to learn about Pacific Spirit Regional Park.

(5) How will the funds be managed and by whom?

Use the following questions as a guideline in preparing your submission.
Use as much space and additional sheets as required.

Who will manage the funds for the association?

Funds will be deposited into the PSPS account and managed by the Treasurer in consultation with the board of directors.

What experience does the park association have managing funds?

PSPS was founded in 1998. This society has over 20 years of experience managing funds and donations, as well as the annual funding received from Metro Vancouver Regional Parks. The current treasurer has been with the society since 2015.

Can you provide examples?

2024: \$20,000.00 Metro Vancouver Regional Parks, Pacific Spirit Regional Park Enhancement Fund
2024: \$10,000.00 George Ross Legacy Grant: Acadia Forest Restoration Project
2023: \$10,000.00 George Ross Legacy Grant: Pollinator Meadow Project
2023: \$20,000.00 Metro Vancouver Regional Parks, Pacific Spirit Regional Park Enhancement Fund
2022: \$10,000.00 George Ross Legacy Grant: Fairy Shrimp Restoration Project – Year 2
2021: \$10,000.00 2021 George Ross Legacy Grant: Fairy Shrimp Restoration Project – Year 1
2020: \$10,000.00 2020 George Ross Legacy Grant: Red Legged Frog Habitat Restoration
2020: \$10,000.00 2020 Royal Bank of Canada: Swim, Drink, Fish Grant
2019: \$9,000.00 2019 B.C. Gaming Grant

(6) Please include with your application: [SEE NEXT PAGE]

a. Current society work plan and/or strategic plan

MV/PSPS Joint Work Plan 2024	Project/Program	PSPS Action Items	Date	Frequency	Day of Week	PSPS Project Lead / Partners
Restoration	EcoTEAM	Work Party: Invasive Species Removal (Previous PSPS grant project sites)	JAN-DEC	Periodically	Saturdays	Alina/Laura
		Work Party: Planting (Previous PSPS grant project sites)	OCT-DEC	Periodically	Saturdays	Alina/Laura
		Coordination	MAR	TBD	TBD	Alina/Laura
		George Ross 2024: Invasive Species Removal	JAN-APR; JU	Weekly	Saturdays	Alina/Laura
		Mulching Plan	MAY	1 Session	TBD	Laura
		George Ross 2024: Planting	OCT-NOV	Weekly	Saturdays	Alina/Laura
		George Ross 2024: Mulching	OCT-NOV	Weekly	Saturdays	Alina/Laura
	CBRG	Work Party: Non-Bog Species Removal and Maintenance	JAN-DEC	Weekly	Saturdays	Laura/Jenny/Miku/Sean/Gerry/Geordie/Noriko
		CTS Work Party	13-Jul	1 Session	Saturday	Alina/Laura/Sofia
		Bin Day (with CTS)	MAY 25th	1 Session	Saturday	Laura/Jenny/Miku
		Pro-D Day	MAY & OCT	2 Sessions	TBD	Laura/Mike/Miku
		CBRG: Celebration Event	MAY 4TH, 20	1 Session	Saturday	Laura/Jenny/Miku/Sean/Gerry/Geordie/Noriko
		Trimming Labrador Tea and Donate to Musqueam Nation	JAN-DEC	Ongoing	Periodically	Laura/Jenny/Miku/Sean/Gerry/Geordie/Noriko
	Monitoring	George Ross 2024: Plan Mapping Project	FEB-MAR	1 Session	TBD	Laura/Joyce/Matt/Jasmin
		George Ross 2024: Volunteer Training	MAR	1 Session	TBD	Laura/Joyce/Matt/Jasmin
		George Ross 2024: Invasive Species Mapping	MAR-APR	Weekly	TBD	Laura/Joyce/Matt/Jasmin
		EcoWATCH: Invasive Species Mapping				
		EcoWATCH: Ecological Restoration Monitoring				
		Monitoring of Previous Restoration Sites	MAY-SEP	Ongoing	TBD	Laura/Joyce
		Monitoring of George Ross 2021/2022/2023 Sites	MAR-MAY	2-3 days	TBD	Laura/Joyce
		EcoWATCH: Camosun Bog Water Monitoring				
		OFS & Restoration monitoring program	APR	Annual	TBD	Laura
		Annual bog planning meeting with Metro Vancouver	TBD	2 Sessions	TBD	Laura/Gerry/Laurence/Noriko/Stephen
		Water Level Monitoring	JAN-DEC	Biweekly	Any Day	Laura
		EcoWATCH: Eagle Nest Monitoring				
		Volunteer Training sessions	MAR	Annually	Any Day	Peter/Laura/Jenny
		Monitor Eagle Nest Locations	JAN-AUG	Weekly	Any Day	Laura/Peter
		Eagle Nest Viewing Event	TBD	TBD	TBD	Peter/Laura/Jenny
		PSPS Streamkeepers				
		In-Stream Chum Incubation @ Spanish Bank Creek	JAN	TBD	1 Session	Laura/DFO/Dick Scarth
		Chum Fry Release w/ Vancouver School Children @ Spanish Bank Creek	APR/MAY	Multiple Sessions	TBD	Laura/DFO/Dick Scarth
		Chum Fry Release by DFO @ Spanish Bank Creek	APR	TBD	1 Session	Laura/DFO/Dick Scarth
		Coho Fry Release by DFO @ Spanish Bank Creek	JUN	TBD	1 Session	Laura/DFO/Dick Scarth
		Annual Meeting	JUN	TBD	1 Session	Laura/DFO/Dick Scarth
		Juvenile Trapping @ Spanish Bank Creek and Salish Creek	JUL	TBD	1 Session	Laura/DFO/Dick Scarth
		Invertebrate Count @ Spanish Bank Creek and Salish Creek	AUG	TBD	1 Session	Laura/DFO/Dick Scarth
		Chum Spawning @ Spanish Bank Creek: "Salmon Watch"	OCT/NOV	TBD	Ongoing	Laura/DFO/Dick Scarth
		Coho Spawning @ Spanish Bank Creek and Salish Creek	NOV/DEC	TBD	Ongoing	Laura/DFO/Dick Scarth



Education	EcoWALKS	EcoWALKS - Public Event	JAN-DEC	Any Day	Ongoing	Laura
		EcoWALKS - Requested Events	JAN-DEC	Any Day	Ongoing	Laura
	EcoKITS	EcoKIT Delivery/Pick-Up	JAN-DEC	Ongoing	Any Day	Laura
		Maintain and Update EcoKITS	JAN-DEC	Ongoing	Periodically	Laura
	EcoTABLE	Hold Table Events	MAY-AUG	Weekly	Saturdays	Laura
		Develop Materials and Displays	JAN-DEC	Ongoing	Periodically	Laura
General Programming	Night Quest 2024	Volunteer Recruitment and Coordination	JAN-MAR	1 Session	Any Day	Laura/Mike
		Planning Meeting	JAN	1 Session	Tuesday	Laura/Mike
		Night Quest 2024	MAR 21-23	2 Sessions	Thursday, Friday, Saturday	Laura/Mike
	Forest Harmonies 2024	Planning Meeting	APR	1 Session	TBD	Laura/Glee/Sang
		Volunteer Recruitment and Coordination	MAY-JUL	Ongoing	Periodically	Laura/Glee/Sang
		Forest Harmonies Event	JUL	1 Session	TBD	Laura/Glee/Sang
	Document Standard Operating Procedures	Review existing SOPs	JAN-MAR	Ongoing	Periodically	PSPS Board/Laura
		Draft SOPs and submit to Metro Vancouver	JUN-SEP	Ongoing	Periodically	PSPS Board/Laura
		Edit and Finalize SOPs	OCT-NOV	Ongoing	Periodically	PSPS Board/Laura
	Inventory and Analysis of Citizen Science Data	Planning Meeting: Review what data is used, by who, how, and reporting	APR	1 Session	TBD	PSPS Board/Laura
		Audit of Existing Data	JAN-DEC	Ongoing	Periodically	PSPS Board/Laura

b. Current list of Board of Directors and Executive:

Executive

President: Joyce Leung
Vice-President: Miku Yamada
Treasurer: Mike Jerowsky
Secretary: Jenny Young

Directors

Ian Clague
Loretta Woodcock
Geordie Ferguson
Steven Seewald
Glee Devereaux
Laura Super
Dave McKenzie

c. Copy of your most recent financial statement

Pacific Spirit Park Society Balance Sheet 2024													
	2022 CARRY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
TOTAL: REVENUE	\$ 17,748.26	\$ -	\$ 24,233.60	\$ 11,183.91	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL: UNRESTRICTED REVENUE	\$ 15,252.11	\$ -	\$ 16,081.80	\$ 10,245.71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL: RESTRICTED REVENUE	\$ 2,488.23	\$ -	\$ 8,151.80	\$ 938.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL: GAMING REVENUE	\$ 7.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Metro Vancouver	\$ 2,589.56		\$ 15,000.00										
MVRPF	\$ -												
B.C. Gaming	\$ 7.92												
CBRG	\$ 548.12												
George Ross Grant 2021	\$ 130.87												
George Ross Grant 2022	\$ 1,809.24												
George Ross Grant 2024	\$ -		\$ 8,151.80	\$ 938.20									
Bessie Luteyan	\$ -												
Donations	\$ 12,662.55			\$ 10,245.71									
Reimbursements	\$ -		\$ 1,081.80										
Interest (General Account)	\$ -												
Interest (Gaming Account)	\$ -												
TOTAL: EXPENSES	\$ -	\$ 1,238.22	\$ 38.94	\$ 8,333.93	\$ 6,092.76	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL: CONTRACTORS	\$ -	\$ -	\$ 160.00	\$ 7,696.25	\$ 5,516.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Metro Vancouver	\$ -		\$ 160.00	\$ 7,696.25	\$ 3,260.00								
MVRPF													
B.C. Gaming	\$ -												
CBRG	\$ -				\$ 68.75								
George Ross Grant 2021	\$ -												
George Ross Grant 2022	\$ -												
George Ross Grant 2024	\$ -												
Bessie Luteyan	\$ -												
Donations	\$ -				\$ 2,187.50								
TOTAL: Proj. Expenses/Admin	\$ -	\$ 1,238.22	\$ 121.06	\$ 637.68	\$ 576.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Metro Vancouver	\$ -	\$ 1,218.90	\$ 133.50	\$ 233.18	\$ 112.46								
MVRPF													
B.C. Gaming	\$ -												
CBRG	\$ -												
George Ross Grant 2021	\$ -		\$ 12.44	\$ 109.29	\$ 9.14								
George Ross Grant 2022	\$ -				\$ 31.68								
George Ross Grant 2024	\$ -												
Bessie Luteyan	\$ -												
Donations	\$ -	\$ 19.32		\$ 295.21	\$ 423.23								
GENERAL ACCOUNT BALANCE	\$ 17,740.34	\$ 16,502.12	\$ 40,696.78	\$ 43,546.76	\$ 37,454.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
GAMING ACCOUNT BALANCE	\$ 7.92	\$ 7.92	\$ 7.92	\$ 7.92	\$ 7.92	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

d. Other relevant documents, including supporting documentation:

Please find some photographs of our recent activities in Pacific Spirit Regional Park below:



Figure 1 - Work Party: Ecological Restoration



Figure 2 - EcoWALK: Camosun Bog, Children's Platform



Figure 3 - Invertebrate Sampling




Figure 4 - Invasive Species Removal - Himalayan Blackberry



(7) Certification

I hereby certify that this application for contribution funding represents a project or initiative endorsed by executive officers and/or Board of Pacific Spirit Park Society.

Name: *Michael Jerowsky*


SIGNATURE

Position *Treasurer*

To: Regional Parks Committee

From: David Leavers, Division Manager, Visitor and Operations Services, Regional Parks

Date: June 24, 2024 Meeting Date: July 17, 2024

Subject: **Contribution Agreement Request – Kanaka Education and Environmental Partnership Society**

RECOMMENDATION

That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Kanaka Education and Environmental Partnership Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.

EXECUTIVE SUMMARY

The 2024 – 2028 Metro Vancouver Regional Parks financial plan includes annual allocations in 2025 for six active park associations, including Kanaka Education and Environmental Partnership Society (KEEPS). Funding will be used to support opportunities for citizens to help protect and enhance regional parks, while advocating for greater public connection to nature.

The Kanaka Education and Environmental Partnership Society proposed contribution agreement includes a three-year funding commitment of \$15,000 per year. The proposed funding will support KEEPS' capacity to provide many volunteer programs and services for the enhancement of Kanaka Creek Regional Park, working closely with MVRD staff.

PURPOSE

To seek MVRD Board approval to enter into a new three-year contribution agreement with Kanaka Education and Environmental Partnership Society (Attachment 1).

BACKGROUND

This report has been prepared to seek approval to replace the contribution agreement with KEEPS that will expire on December 31, 2024. MVRD and KEEPS have collaborated under a contribution agreement in respect of Kanaka Creek Regional Park regularly since 2002. Between 2022-2024, the Society received \$15,000 in funding each year. The primary purpose of these funds is to provide a level of support for the Society and to increase its capacity to provide education and volunteer coordination services that support Regional Park goals. The range of key deliverables includes:

- enabling KEEPS's Board of Directors to achieve broader MVRD outcomes
- providing public environmental education
- coordinating volunteer work parties
- managing volunteers
- providing administrative support to the KEEPS Board, including record keeping as appropriate

- coordinating society communications with KEEPS Board, committees, society members, volunteers, MVRD staff, public and Parks Association partner groups
- coordinating and/or conducting outreach including social media, displays and booths to increase community awareness
- increasing profile of KEEPS in the community and taking a more prominent role in various community partnerships
- production of a winter and summer newsletter each year, and distribution to a broad audience
- coordinating and supporting events
- coordinating and supporting fundraising and leveraging funding
- coordinating programs that include MVRD messaging

PARK PARTNERSHIP PROGRAM/REGIONAL PARKS PLAN ALIGNMENT

Metro Vancouver Regional Parks manages dedicated funds for capacity building and support for six active park associations as part of a broader Park Partnership Program. The type and scope of programs and services vary among park associations based on each association's goals and how they contribute to Metro Vancouver's goals. Past funding of these associations has reflected the proposed use of funds, demonstration of need, and previous performance assessments, up to a limit of \$15,000 per association per year.

The Park Partnership Program supports the *Regional Parks Plan* guiding principle of collaboration. By working with others, Regional Parks collectively cares for the land to improve the region's livability and ecological health.

In addition, the Park Partnership Program helps Regional Parks to meet the 'Engage and Program' strategies of the *Regional Parks Plan* to:

- provide diverse and meaningful learning and volunteer opportunities that deepen people's connection to nature (Strategy 12)
- tell stories about regional parks to connect the region's diverse population with nature and inspire its protection (Strategy 13)
- learn and share knowledge (Strategy 14)

CONTRIBUTION AGREEMENT

The contribution agreement (Attachment 1) states that the primary objectives for this funding are: (i) leveraging and fundraising, (ii) capacity building within the organization, (iii) continuing to profile KEEPS in the community, (iv) promote KEEPS' activities, and (v) recruiting and mentoring new volunteers.

KEEPS has fulfilled its annual reporting requirements over the past three years by submitting an annual report to the MVRD.

Term

- The term of the proposed agreement commences January 1, 2025 and ends on December 31, 2027.
- This three-year term recognizes the maturity/stability of KEEPS and MVRD staff confidence in their ability to commit to and deliver upon a three-year work program.
- There are provisions in the agreement for early termination in the event of bankruptcy, if the funds are being used in a manner contrary to the agreement or not in the public interest, or the park association is unable to meet its agreed obligations.

Activities and Services

KEEPS proposes to use 2025 – 2027 funds as described in its Application Form (Attachment 2) including the funding of its part time coordinator. This position is essential in the leveraging of funding sources and writing funding proposals.

In 2023, KEEPS continued its operation of its Facebook page and well as its website. KEEPS has continued is production of a winter and summer newsletter. Continued recruitment of new KEEPS contact members reached a total of 622 in the past year. KEEPS has increased its profile of the Society in the community and beyond. The Society has seen a dramatic increase in its leveraged fund raising to \$59,000 in 2023.

ALTERNATIVES

1. That the MVRD Board approve, substantially in the form attached, the contribution agreement between the Metro Vancouver Regional District and the Kanaka Education and Environmental Partnership Society for a three-year term in the aggregate amount of \$45,000 (\$15,000 in 2025, \$15,000 in 2026 and \$15,000 in 2027) commencing January 1, 2025 and ending December 31, 2027.
2. That the MVRD Board receive for information the report dated June 24, 2024, titled “Contribution Agreement Request – Kanaka Education and Environmental Partnership Society” and provide alternate direction to staff.

FINANCIAL IMPLICATIONS

The 2024 – 2028 Metro Vancouver Regional Parks financial plan includes annual allocations in 2025 for six active park associations, including Kanaka Education and Environmental Partnership Society (KEEPS), up to a limit of \$15,000 per association per year.

This contribution agreement includes a three-year funding commitment of \$15,000 per year for KEEPS. If the MVRD Board approves Alternative 1, the 2025 – 2027 Regional Parks budgets will continue to include a provision for this funding as a portion of the annual budget.

Payments will be made by January 31 of each of the three years of the agreement.

CONCLUSION

Alternative 1 supports Metro Vancouver’s desire to have the park collectively cared for to improve the region’s livability and ecological health. Proposed funding supports KEEPS’ capacity to provide

community benefit to Metro Vancouver Regional Parks through their many volunteer programs and services. Staff recommends approval of Alternative 1.

ATTACHMENTS

1. Contribution Agreement – Kanaka Education and Environmental Partnership Society
2. 2025 Regional Parks Contribution Funding Application Form – Kanaka Education and Environmental Partnership Society

68050224

CONTRIBUTION AGREEMENT

THIS AGREEMENT made the _____ day of _____, 2024

BETWEEN:

METRO VANCOUVER REGIONAL DISTRICT

4515 Central Blvd.

Burnaby, BC

V5H 0C6

("MVRD")

AND:

KANAKA EDUCATION AND ENVIRONMENTAL PARTNERSHIP SOCIETY

c/o 11450 256th Street

Maple Ridge, BC

V2W 1H1

(the "Recipient")

WHEREAS:

- A. The Recipient is a non-profit society established in 1998 with the mission to maintain the health of the Kanaka Creek watershed's natural ecosystem through education, community involvement, scientific research, land preservation, and partnerships based on stewardship principles;
- B. The Recipient has previously collaborated with MVRD in events and programming at the Kanaka Creek Watershed Stewardship Centre, which includes the Bell-Irving Hatchery, the George Ross Learning Room, and wetlands, advised MVRD on protecting natural ecosystems and maintaining recreational opportunities in harmony with nature, and promoted public knowledge and stewardship of the Park's natural environment;
- C. The Recipient has requested, and MVRD has agreed to provide to the Recipient, funds for certain planned Recipient services and activities in 2025-2027, consistent with previous years and to assist the MVRD in achieving the goals of its Regional Parks Plan for the Park; and
- D. Pursuant to Section 263(1)(c) of the *Local Government Act*, MVRD may provide assistance for the purpose of benefitting the community or any aspect of the community.

NOW THEREFORE in consideration of the premises, terms and conditions contained in this Agreement (the receipt and sufficiency of which are hereby acknowledged), the parties agree as follows:

1.0 INTERPRETATION

In this Agreement the following terms have the following meanings:

“Agreement” means this agreement and the attached schedules, as may be amended from time to time.

“Funds” has the meaning set forth in Section 3.1.

“including” means ‘including without limitation’, and will be construed without implying limitation by the words that follow, regardless of whether the words ‘without limitation’ or similar words are used.

“Park” means Kanaka Creek Regional Park.

“Plan” means the plan attached as Schedule A of this Agreement which sets out the specific services and/or activities planned by the Recipient for the Term.

“Services” means the activities and/or services of the Recipient set out in the Plan.

“Term” has the meaning set forth in Article 2.0.

Unless otherwise stated, references in this Agreement to articles, sections and schedules refer to those articles, sections and schedules of this Agreement.

2.0 TERM

The term of this Agreement will commence on January 1, 2025, and end on December 31, 2027 (the **“Term”**), unless earlier terminated as provided in this Agreement.

3.0 SERVICES

3.1 The Recipient will provide the Services in accordance with the Plan and the terms and conditions of this Agreement (including the criteria outlined in Schedule B), and in strict compliance with all applicable bylaws of MVRD and the local municipality, all applicable legislation and regulations, and all guidelines provided by MVRD in writing from time to time pursuant to this Agreement.

3.2 The Recipient will, at MVRD’s written request, provide all information required to enable MVRD to evaluate, using the criteria set out in Schedule B, the Recipient’s provision of the Services during the Term.

3.3 MVRD must approve any changes to the Plan or Services in writing prior to the changes being made during the Term.

3.4 If the Recipient makes any changes to the Plan or Services without the prior approval of MVRD

pursuant to Section 3.3, MVRD may, at its sole discretion, immediately terminate the Agreement by written notice to the Recipient.

4.0 FUNDING AND PAYMENT

4.1 MVRD will during the Term provide to the Recipient funding up to the maximum total amount of \$45,000 (the “**Funds**”) to support the Recipient’s provision of the Services, which amount will be advanced according to the provisions of this Article 4.0.

4.2 On or before January 31 in each year of the Term, and subject to the Recipient’s ongoing compliance with the terms of this Agreement, MVRD will pay to the Recipient, by cheque or electronic funds transfer, \$15,000 of the Funds.

4.3 Every advance of any part of the Funds is subject to MVRD being satisfied, in its sole and absolute discretion, that the Recipient is able to and will perform the remaining Services in accordance with the Plan and all requirements of this Agreement.

4.4 The Recipient will only use the Funds to provide the Services in accordance with the terms and conditions of this Agreement and for no other purpose.

4.5 Notwithstanding any other provision of this Agreement, the Recipient acknowledges and agrees that the Funds and each advance of them pursuant to this Article 4.0 is subject to the approval by the MVRD of the relevant MVRD budget including the Funds and/or such advance.

5.0 REPORTING

The Recipient will report to MVRD on the progress of the Services in accordance with the requirements of the reporting section of Schedule B and otherwise as required by MVRD from time to time.

6.0 TAXES

It is the Recipient’s responsibility to determine whether or not it has to be registered for GST and/or PST purposes. The amount of funding provided in this Agreement includes any GST and/or PST which may be payable by MVRD. Any liability for GST and/or PST required in respect of this Agreement will be the responsibility of the Recipient.

7.0 SEPARATE FUNDS AND FINANCIAL STATEMENTS

The books of account of the Recipient will be kept in accordance with Generally Accepted Accounting Practices.

8.0 RIGHT OF AUDIT

At any time, MVRD may give to the Recipient written notice that it desires its representative to examine the books of account of the Recipient, and the Recipient will produce to such representative for examination within ten days after receipt of such notice, its books of account. Such representative will have a right of access to all records, documents, books, accounts and vouchers of the Recipient and will be entitled to require from the directors and officers of the Recipient such information and explanations as, in the opinion of such representative, may be necessary to enable the representative to report to the board of directors of MVRD on the financial position of the Recipient.

9.0 INDEMNITY AND RELEASE

9.1 The Recipient will indemnify and save harmless MVRD, its elected officials, appointed officers, employees and agents from and against all actions, causes of action, claims, liabilities, damages, losses, costs, legal fees, fees, fines, charges or expenses which any or all of them may incur, be threatened by or be required to pay by reason of or arising out of the provision of the Services by the Recipient, the Recipient's use of any facility where the Services are provided, the breach by the Recipient of any term of this Agreement, or by the Recipient's contravention of any law, enactment or regulation of a federal, provincial or local government.

9.2 The Recipient hereby releases MVRD, its elected officials, appointed officers, employees and agents from and waives any claim, right, remedy, action, cause of action, loss, damage, expense, fee or liability which the Recipient may have against any or all of them in respect of an act of MVRD in relation to this Agreement, except insofar as such claim, right, remedy, action, cause of action, loss, damage, expense, fee or liability arises from the negligence of MVRD, its elected officials, appointed officers, employees, agents or contractors.

9.3 This Article 9.0 survives the expiry or earlier termination of this Agreement.

10.0 TERMINATION

10.1 MVRD may terminate this Agreement immediately upon providing written notice to the Recipient:

- (a) Pursuant to Section 3.4;
- (b) If the Recipient fail to perform any of its obligations in the Agreement and such failure has not been rectified to the satisfaction of MVRD within 30 days from delivery by MVRD to the Recipient of written notice specifying the failure and requiring its remedy;
- (c) If the Recipient make an assignment in bankruptcy or is declared bankrupt; or
- (d) If MVRD, in its sole discretion, determines that any of the Funds are being used in a

manner contrary to the Plan, this Agreement or the public interest.

- 10.2** MVRD may terminate this Agreement for any reason whatsoever upon giving 90 days' written notice to the Recipient.
- 10.3** The Recipient may terminate this Agreement upon giving 30 days' written notice to MVRD should the Recipient, for any reason, be unable to meet its obligations with respect to the provision of the Services as set forth in this Agreement.
- 10.4** Upon termination of this Agreement by either party and for any reason, the Recipient will immediately return any Funds that have been advanced but not yet spent on providing the Services. The Recipient will provide a full accounting of all Funds advanced but not returned under this Agreement.

11.0 NOTICE

- 11.1** Unless otherwise specified in this Agreement, any notice required to be given under this Agreement by any party will be in writing and will be deemed to have been given if mailed by prepaid registered mail, sent by electronic mail (email), or delivered to the address of the other party as set forth below, or at such other address as the other party may from time to time direct in writing, and any such notice will be deemed to have been received if mailed or emailed, 72 hours after the time of mailing or email, and if delivered by personal delivery, upon the date of delivery. If normal mail service or email service is interrupted by strike, slow down, force majeure or other cause, then a notice sent by the impaired means of communication will not be deemed to be received until actually received, and the party sending the notice must utilize any other such services which have not been so interrupted or must deliver such notice by personal delivery in order to ensure prompt receipt thereof.

To MVRD:

Mike Redpath, Director, Regional Parks
Metro Vancouver Regional District
4515 Central Blvd.
Burnaby, BC V5H 0C6

Email: mike.redpath@metrovancover.org

To the Recipient:

Ross Davies, Coordinator
11450 256th Street
Maple Ridge, BC V2W 1H1

Email: r.davies@shaw.ca

12.0 AUTHORIZATION

The Recipient represents and warrants that:

- (a) it is and will during the Term remain duly organized, validly existing, and in good standing under the laws of the jurisdiction in which it is organized; and
- (b) the execution and delivery of this Agreement and the performance of the Services have been duly and validly authorized by all necessary corporate action of the Recipient, and this Agreement constitutes a legal, valid and binding obligation of the Recipient enforceable against the Recipient in accordance with its terms and the person signing this Agreement on the Recipient's behalf is duly authorized to do so.

13.0 TIME

Time is of the essence in this Agreement.

14.0 BINDING

In consideration of being granted the Funds, the Recipient agrees to be bound by the terms and conditions of this Agreement, and if the Recipient represents a group or organization, the Recipient agrees to inform all responsible persons associated with the group or organization or involved in performing any of the Services of the terms and conditions of this Agreement and to ensure that all such terms and conditions are complied with.

15.0 ASSIGNMENT

The Recipient may not assign this Agreement, in whole or in part, without the prior written consent of MVRD.

16.0 ENUREMENT

This Agreement will enure to the benefit of and be binding upon the parties to this Agreement and their respective successors and permitted assigns.

17.0 RELATIONSHIP OF PARTIES

No provision of this Agreement will be construed to create a partnership or joint venture relationship, an employer-employee relationship, a landlord-tenant, or a principal-agent relationship between the parties. 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 assume any obligations or responsibilities, express or implied, on behalf of the other party.

18.0 WAIVER

The waiver by a party of any failure on the part of the other party to perform in accordance with any of the terms or conditions of this Agreement is not to be construed as a waiver of any future or continuing failure, whether similar or dissimilar.

19.0 AMENDMENTS

This Agreement may not be modified or amended except by the written agreement of the parties.

20.0 WHOLE AGREEMENT

The whole agreement between the parties is set forth in this document and no representations, warranties or conditions, express or implied, have been made other than those expressed in this Agreement.

21.0 LANGUAGE

Wherever the singular, masculine and neuter are used throughout this Agreement, the same is to be construed as meaning the plural or the feminine or the body corporate or politic as the context so requires.

22.0 CUMULATIVE REMEDIES

No remedy under this Agreement is to be deemed exclusive but will, where possible, be cumulative with all other remedies at law or in equity.

23.0 GOVERNING LAW AND JURISDICTION

This Agreement is to be construed in accordance with and governed by the laws applicable in the Province of British Columbia and the parties attorn to the exclusive jurisdiction of the courts of the Province of British Columbia.

24.0 COUNTERPARTS

This Agreement may be executed in counterparts with the same effect as if both parties had signed the same document. Each counterpart will be deemed to be an original. All counterparts will be construed together and will constitute one and the same Agreement. 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.

[Signature Page Follows]

IN WITNESS WHEREOF the parties have executed this Agreement as of the day and year first above written.

METRO VANCOUVER REGIONAL DISTRICT

Per: _____
Jerry W. Dobrovolny, P.Eng., MBA
Chief Administrative Officer

KANAKA EDUCATIONAL AND ENVIRONMENTAL PARTNERSHIP SOCIETY

Per: _____
Simon Matthews
Board Chair

SCHEDULE 'A'
Kanaka Education and Environmental Partnership Society (Recipient)
2025 - 2027 Plan

Services to be performed by the Recipient during the Term include the following, as developed and agreed by the parties pursuant to this Agreement in support of the mutual goals of the MVRD and Recipient in respect of the Park:

- meeting regularly with MVRD staff to finalize plans for Recipient Services and other activities during the Term and providing updates and reports on all activities performed in respect of this Agreement and the mutual goals of the parties in respect of the Park;
- providing public environmental education to users of the Park and other relevant stakeholders through in-person sessions, written pamphlets/brochures, online via the Recipient's website, etc.;
- coordinating volunteer work parties as required from time to time (e.g. invasive weed pulls);
- managing volunteers involved in activities supporting the mutual goals of the parties in respect of the Park;
- coordinating and/or conducting outreach activities related to the Park and the mutual goals of the parties, including social media, displays and booths to increase community awareness;
- without limiting the foregoing, producing a winter and summer newsletter in each year of the Term, and distributing same to a broad audience across Metro Vancouver in digital form; and
- coordinating and supporting events and programs in the Park initiated by MVRD or agreed by the parties pursuant to this Agreement.

To be eligible for future funding opportunities, and as part of the Services under this Agreement, a member of the Kanaka Education and Environmental Partnership Society must during the last six months of the Term make a presentation to the Regional Parks Committee of MVRD summarizing achievements under this Agreement during the last six months of the Term.

In connection with the Services, the Recipient will at a minimum employ a part-time coordinator dedicated to performance of the Services as required by this Agreement.

SCHEDULE 'B'

Evaluation

Reporting:

As a condition precedent to any advance of Funds under this Agreement, Kanaka Education and Environmental Partnership Society must provide to MVRD each of the following:

- Records of Recipient volunteer hours, events, activities, participants and associated statistics during the preceding calendar year. Note that these statistics will be included in MVRD Regional Parks' annual report; and
- A report outlining activities and accomplishments toward the mutual goals of the parties during the Term to date, such as additional funds raised to support such goals, new initiatives, new partnerships, anecdotal success stories, etc.



2025 REGIONAL PARKS CONTRIBUTION FUNDING APPLICATION

Application Form

- (1) In order to be considered for funding support you must be recognized as the official Park Association in your respective regional park and be incorporated under the Society Act.**

Please check the name of your Park Association:

- ☐ Burnaby Lake Park Association
☐ Boundary Bay Park Association
☐ Colony Farm Park Association
☐ Derby Reach Brae Island Parks Association
☒ Kanaka Education and Environmental Partnership Society
☐ Minnekhada Park Association
☐ Pacific Spirit Park Society

- (2) Park Association Application Contact Person***

Primary Contact:

Name Ross Davies

Role / Position: Coordinator

Address: 11450 256th Street

City: Maple Ridge, BC

Postal Code: V2W-1H1

Telephone 1: 604-970-8404

Email: [REDACTED]

Alternate Contact (to be used if Primary Contact is unavailable)

Name Simon Matthews

Role / Position: Chair

Address: [REDACTED]

City: [REDACTED]

Postal Code: [REDACTED]

Telephone 1: [REDACTED]

Telephone 2:

Email: chair@keeps.org

- (3) In order to qualify for contribution funding applicants must be a registered, non-profit society in good standing. Please provide registration number and indicate date of incorporation.**

Full Legal Name of Association: Kanaka Education and Environmental Partnership Society

Date Registered as a Society: December 7, 1998

Registration Number: S39167

Society has charitable status: ☐ Yes ☒ No

- (4) Provide a description of why contribution funding is being requested and the amount required.**



Amount requested for 2025: \$15,000.00

For three-year agreements:

Amount requested for 2026: \$15,000.00

Amount requested for 2027: \$15,000.00

PLEASE NOTE: The maximum annual request is \$15,000.

The maximum request for the first year for first-time applicants is \$10,000.

KEEPS is requesting a total of \$15,000.00 from Metro Vancouver for 2025, 2026, and 2027. The primary purpose of these funds will be to provide a base level of coordination for KEEPS and its client base. A May 2002 workshop identified coordination as one of the key components required to maximize KEEPS' potential in the Regional Park and elsewhere in the community. This has been re-affirmed during subsequent Strategic Planning workshops between 2004 and 2022. Between 2003 and 2023, Metro Vancouver has provided KEEPS with \$10,000-\$15,000 of support funds per year. This support has enabled us to achieve several key deliverables. These have included:

- continued operation and updates of our Facebook page as well as our website www.keeps.org, which was completely overhauled in 2018. These sites have become a well-known and heavily used resource in the stewardship community, and the Facebook page in particular has been useful for attracting new members.
- production of a winter and summer newsletter each year, and distribution to a broad audience.
- continued recruitment of new KEEPS contact members, reaching a total of 622 as of April 2024.
- increased profile of KEEPS in the community and a more prominent role in various community partnership organizations such as Watershed Watch and the Celebrate Earth Day Committee as well as sitting on committees such as the recent Municipal Task Force that dealt with changes to the Federal Fisheries Act. Between 2017 and 2020, we served on the City of Maple Ridge Environmental Advisory Committee.
- dramatic increase in leveraged funds, from \$21,575.00 in 2004 to \$59,000.00 in 2023.

The funds we are seeking from Metro Vancouver would be applied to the following objectives for each of the three years:

Objective (1) Leveraging and fundraising: KEEPS is continuing to pursue the group's major focus of public environmental education, as determined at the May 12/02 workshop and at several subsequent sessions between 2004 and 2022. We have entered into an exciting new chapter with the opening of the Kanaka Creek Watershed Stewardship Center. We anticipate that the funds for 2025-2027 would help us to obtain the necessary additional funds to continue these and other activities, mainly by:

- (a) providing the opportunity for leveraging
- (b) providing, through the presence of a part time coordinator, the ability to identify additional funding sources and write funding proposals.

The value of Contribution funds cannot be stated enough, especially since our experience has been that the majority of funders will only support project driven activities. Our client base is large and increasing, and this base level of coordination funding support provides much needed stable continuity.

The continuity provided by the coordination function would also keep the Board of Directors more closely apprised with the current funding needs of the group, so that these needs can be addressed more quickly and efficiently.

Objective (2) Capacity building within the organization. This would include the recruitment of new members and / or the assignment of new and existing members to specific volunteer positions. The contribution of these members has been considerable from 2003 to 2023, with 4,000 or more volunteer hours annually.

The opening of the Stewardship Center has given us a unique new recruitment tool that we previously never had; that is, to present a venue that can offer unique volunteer opportunities that are unavailable anywhere else. With this in mind, commencing in fall 2017 we embarked on a series of public Open Houses that are conducted monthly, each with its own theme. For example, the March 2023 cat / canine workshop attracted 100 visitors.

Whenever possible, we will facilitate the formation and growth of new partnerships that support the goals and objectives of the Park Association. Examples of these include the relationship with Samuel Robertson Technical School, The School District 42 Environmental School, and the partnership with the Maple Ridge / Pitt Meadows Interagency Volunteer Committee. The KEEPS Coordinator will play an active role with local environmental education and habitat enhancement activities and provide project recommendations such as invasive species removal, as has been the case for several years. We have also entered into a partnership with the Department of Fisheries and Oceans by acting as a delivery mechanism for their Salmonids in the Classroom program, and by combining this with our existing education programs we have been delivering a unique program that is not available anywhere else.

Consistent and regular reporting would include ensuring that proper meeting minutes are recorded and distributed, and that KEEPS activities are reported to the Board of Directors, Metro Vancouver, key community contacts, and other like-minded organizations once per month, as has been the case from 2003 to 2023. This continuity will result in a more well informed Board of Directors, which will in turn facilitate improved short and long term strategic planning and decision-making. We will also again re-visit, in the form of a strategic planning workshop, the goals and objectives that resulted from our May 2002 visioning session as well as subsequent sessions we have held.

We are also taking advantage of the presence of the Resource Management Specialist and Stewardship Technician positions of Metro Vancouver Parks, as we have partnered with these positions in order to implement an ongoing invasive species removal program as well as other stewardship initiatives. The Community Development Coordinator position has assisted us with Board governance, recruiting, and assistance with projects such as our Strategic Planning sessions and others. We are in regular communication with the Metro Vancouver Regional Parks Interpretation Specialist, so that our interpretive programming compliments that of Metro Vancouver's in order to maximize the deliverables to park visitors.

Objective (3) Continue to profile KEEPS in the community. This would be done by promoting such activities as the school program or public events in publications such Streamtalk, on our Facebook page and website, and in our newsletters. Regular social media updates will help maintain our community profile. For example, our photos are routinely being utilized on sites such as the Department of Fisheries and Oceans Stewardship Activities gallery, and also in publications by the Pacific Salmon Foundation. Local media would be informed of KEEPS activities as they occur. Present and potential funders would be invited to attend KEEPS programs and / or functions. Sometimes we attend there as well; for example, we have attended such venues as Probus and Maple Ridge Rotary. Measures of success can be

measured in a number of ways: numbers of news articles or letters to the editor; numbers of classes held and students hosted; numbers of events held and visitation. This information would be quantified over time and documented in a comprehensive onsite library. We will continue to pursue the partnership we have made with the Maple Ridge – Pitt Meadows Interagency Volunteer Committee, who have been recruiting volunteers for our events and activities along with posting our events on theirs as well as the City of Maple Ridge website.

The KEEPS Coordinator will continue to have an active role with the planning and implementation of public events.

Objective (4) Community presentations to help further promote KEEPS activities. We feel that this initiative along with Item (3) above are logical and positive steps toward the long-term goal of maximizing the potential of the Stewardship Center on Kanaka Creek. We will continue to provide regular updates to Mayor and Council, both by forwarding monthly progress reports as well as presenting our work as a Delegation to Council, as was again the case in March 2024. Liaising with service clubs and other potential funders will occur both as introductory sessions to new funders or reporting sessions to existing ones. We also would like to continue to organize workshops for common community interests and issues.

Objective (5) Recruitment and mentoring of new volunteers.

We have found that interest generated primarily by our community activities in general and recently the opening Kanaka Creek Watershed Stewardship Center in particular is creating a fresh surge of volunteer curiosity. We would like to continue to apply the necessary resources to mentor these new volunteers and / or Board members and integrate them into the operations of KEEPS in a meaningful way on an ongoing basis, thus expanding our inner core of long term volunteers and by extension the capacity of our organization.

(5) How will the funds be managed and by whom?



KEEPS will continue to retain a qualified administrator to manage the funds on a part time basis and provide detailed financial updates. The project activities will be managed and reported on by the KEEPS Coordinator. Reports on financial and project status will be forwarded to the Board of Directors a minimum of once per month.

KEEPS has managed contract funds from a wide variety of sources, including federal, provincial and corporate. We are very familiar with all aspects of project and financial accounting. We have consistently met or exceeded reporting requirements in this regard, and examples of our project and / or financial reporting can easily be provided upon request.

(6) Please include with your application:

- a. Current society work plan and/or strategic plan
- b. Current list of Board of Directors and Executive
- c. Copy of your most recent financial statement.
- d. Other relevant documents, including supporting documentation.

(7) Certification

I hereby certify that this application for contribution funding represents a project or initiative endorsed by executive officers and/or Board of KEEPS.

Name: Simon Matthews

SIGNATURE

Position *Chair*

KEEPS Board of Directors: August 1, 2023

Simon Matthews, President

[REDACTED]

[REDACTED]

Ken Williams, Vice President

[REDACTED]

[REDACTED]

**Ann Morcom, Secretary /
Treasurer**

[REDACTED]

[REDACTED]

Dennis Rittenhouse

[REDACTED]

[REDACTED]

Micheal Buckingham

[REDACTED]

[REDACTED]

Jonathan Smyth [REDACTED]

[REDACTED]

Dennis Swensson [REDACTED]

Helen Canning [REDACTED]

KEEPS STRATEGIC PLANNING SESSION

MAY 29, 2022, 10:30am – 4:30pm

George Ross Learning Room, Kanaka Creek Watershed Stewardship Centre

In attendance: Michael Buckingham, Ken Williams, Dennis Swensson, Ann Morcom, Helen Canning, Simon Matthews, Chris O'Brian, Ross Davies, Darin McLain

Facilitator: Jeff Rotin, Metro Vancouver Regional Parks

RECOMMENDATIONS

- It's important that tasks identified in this summary don't fall off the radar. Prioritize initiatives and tasks, and determine timelines to start and finish the tasks, as well as milestones to report to the Board at monthly Steering Committee meetings.
- Assign a lead person for each initiative/task.
 - Leads can delegate but are accountable for ensuring the task gets completed.
- Add Strategic Plan Status Updates as a standing agenda item on all Steering Committee meeting agendas.
 - Add specific milestones to the monthly agendas; the respective lead persons should provide a progress/status report of their task.
- Due to time constraints, the session didn't fully flesh out a plan or next steps for board and volunteer recruitment, nor did it address the topic of outreach/raising KEEPS' profile. More work needs to be done on these strategic issues.
- The group may want to revisit this strategic plan in 2023 to determine if any tasks aren't moving forward and how to address that.
- The session only explored short-term strategies for 2022 and 2023. Further strategic planning will be required to determine goals, objectives, tactics for 2024 and beyond.

SUMMARY

(Flipchart notes)

A. PAST SUCCESSES

- 2 major events
 - Positive feedback
 - Financial success, free draw at GBC
 - Education and opportunity to contribute
 - Drawing visitors from across Metro Vancouver
- Relationship with City of Maple Ridge (esp Yousef)
- Website: donations
- Strong identity
- Focus on education, hatchery and community programs
- Collaborative, non-confrontational
- Passion, connection

- Continuity
- New hatchery and Stewardship Centre
- Fish production + education
- Volunteers
- Positive relationship with local fishermen

B. FUTURE DIRECTION: MORE ADVOCACY WORK

- Issues:
 - **Feeder streams aren't protected
 - Need to raise awareness
 - Land development: creating impervious surfaces
- KEEPS role: "the voice of the watershed"
 - Especially for the 112th development
 - The eyes and ears
 - Whistler blower?
 - Pre-emptive
 - Tributary champions
 - Volunteers, community involvement
- Actions:
 - Raise awareness about watershed at every open house
 - Also via media, at events
 - Promote habitat protection within community
 - Create a direct connection between community and the importance of habitat/watershed protection, how it impacts them
 - "Do you live in a watershed?"
 - Immediate relevance to people, not just in the park
 - Provide maps: people like maps
 - Visual image of watershed: this is the stream, create a personal connection/relevance
 - People locate their streams; adopt a stream
 - Signs, messaging
 - Map of tributaries: expand Alex's map
 - Work with developers
 - Get a tour
 - Be involved in the process
 - Work with the developers to protect the park
 - KEEPS sponsor a tour of development
 - Support Rod Stott
 - Leverage partnerships: CMR City Hall, MV, DFO
- How hard to push?
 - A cooperative approach – not anti-development
 - Concern about stormwater from 112th development going into the park and creek
- **Next steps:**
 - Build a relationship with Epic Homes
 - See development plans for 112th

- Get a tour for the KEEPS board
 - Concerns about runoffs, swales, etc.
- Ross to contact Cole Lambert at Epic Homes
- Contact City Hall
 - Form a formal contact with Rod Stott (through Ahmed) about future development projects in CMR
 - Speak at City Council bylaw discussions
 - Find out from Rod what to incorporate into speaking opportunities
 - Education: provide the public with contacts at City Hall

C. EDUCATION PROGRAMMING & ACTIVITIES

Future plans, needs, goals

- Ross will maintain the status quo for Samuel Robertson Tech and the elementary school programs
- Garibaldi and Haney Secondary Schools: formalize relationships with them?
 - Liaise with the teachers, educate them to use the park?
- Pro-D for teachers
- Vanessa wants to restart the joint MV-KEEPS Education Committee
- Ross and Vanessa will be doing a NatureKids club in collaboration with Pitt Meadows NatureKids club
- CMR holding summer camps at Kanaka again this year
- Open houses:
 - Define roles for open houses
 - Procedures
 - Planning document: who is the lead for the open house, etc.
 - Create and plan activities for children
 - Encourage volunteer participation
 - **Next steps:** schedule planning sessions (with Education Committee)
- Bring in other community groups
 - Community based, nature related
 - E.g., possibly arts groups/artists
 - Community groups can deliver workshops and presentations in partnership with KEEPS
 - Collaborate with Watershed Watch? Especially around advocacy issues
 - Already happening in informal ways
- Hatchery education
 - How build this?
 - Signage with seasonal breakdown
- Advertise to schools
- Education about global warming?

D. HATCHERY OPERATIONS

Future plans, needs, goals

- Identified needs:
 - Signage on all infrastructure (tubs, troughs, ponds) explaining fish production process
 - Signage about the history of Bell-Irving Hatchery: celebrating the 40th anniversary
 - New piping under the troughs
 - Water sources for facility: groundwater – dig a well?
 - Discussed with Scott
 - Renew topic
 - Roof over troughs: phase 4
 - Build footing for roof at the same time as new pipes are installed
 - Footings for fence around troughs: a security issue
 - Redo ponds
 - Reset the blocks
 - Scrape out ponds
 - Fencing
 - Redo cabling over predator nettings
 - Rental truck for broodstock collection: fundraising/secure a sponsor
 - Redesign incubation wall in hatchery
 - Remove silt in tanks

E. FUNDRAISING

i. Additional Budgetary Needs

- Contingency fund for hatchery maintenance and equipment replacement
- Truck
- Salary augmentation
- Budget for open house displays
- Engineering assessment: groundwater source, drilling
- Redo troughs
- Redo ponds
- Roof and fence for troughs
- Volunteer vests and shirts
- Stream monitoring equipment
 - At hatchery, too
- More funds for pump house

ii. New Funding Sources and Strategies

- Meridian Meats: sell gift cards/certificates? 30% of proceeds goes to the group
- Approach any business in the watershed
 - E.g., runoff from sites
 - Annual sponsorship from big businesses
 - Smaller businesses: one-time donations, e.g., Hatch Match'r
- Developers
- Ducks Unlimited
- Financial institutions: also in Pitt Meadows

- In-kind donations
- Membership dues: create a membership list
- DFO: lists of grants, foundations
 - o Talk to PPF
- Rotary Club
- BC Habitat Conservation Trust Fund
- New funding from old sources
- Donation box/square at events, open houses, etc.
 - o Free draws
 - o Dennis's bucket!
- **Next steps:**
 - o Communication piece, already done by Simon and Darin
 - o Prioritize fundraising needs
 - Determine costs – especially pressing expenses
 - Outline big expenses versus small expenses
 - o Create a presentation
 - o Ensure consistent messaging
 - o Create a contact list

F. VOLUNTEER & BOARD RECRUITMENT

- Board recruitment:
 - o One-pager for prospects
 - o Election/voting procedures, protection from board takeovers?
 - o Recruit from existing volunteers
 - o Recruit at events
- Volunteer recruitment:
 - o Volunteer page on website: minimum age 16 years old?
 - o Recruiting student volunteers: connect with Shanti Ang to help out
 - o Quarterly communication: these are the KEEPS activities that require volunteers in the next 3 months
- Membership
 - o What is the value to KEEPS of having a membership?
 - o Charge dues? If so, what amount? And what are the benefits to members if charging dues?

GVRD - HATCHERY - CONTRACTS - GRANTS - VANCITY ACCOUNT - TD ACCOUNT

SUMMARY

Project Income and Expenditures - Annual Report Items (Financial Statement)

Term: January 1st,2023 - December 31st,2023

BUSINESS #: 88727 4728 RP0001

Date Surplus	INCOME	Hatchery Payroll	Revenue Canada	Admin.	Hatchery Contract	WCB	Bell Irving	Admin	Implement Program	Equip materials	GST	web page Insurance	Donation Expense	PSSI Grant	George Ross GRANT	Pump house DFO	Service charge	Interest Deposited
O-Balance	111,875.20																	
Jan.31/23	36,100.00	2,451.18	1,279.66	200.00		495.10		200.00	3,072.00		153.60						1.95	1.95
Feb. 28/23	4.87	2,458.73		200.00				200.00	4,304.00		215.20		266.02				1.95	1.95
Mar.31/23	2,271.41	2,458.73		200.00	315.21	15.83		200.00	3,604.00		180.20	1,420.00			750.00	285.47	1.95	1.95
Apr. 30/23	145.00	2,458.73	2,750.99	200.00				200.00	3,660.00		191.40		75.39				1.95	1.95
May 31/23	6,103.71	2,458.73		200.00				200.00	4,920.00		246.00		612.37				1.95	1.95
June 30/23	20,987.50	2,458.73		200.00				200.00	4,696.00		234.80	140.00	115.02				1.95	1.95
July 30/23		2,458.73	2,621.70						3,968.00		234.80						1.95	1.95
Aug. 31/23	26,600.00	2,458.75		200.00			2,000.00	200.00	2,092.00		104.60			2,753.94		892.08	1.95	1.95
Sept 30/23	33,860.44	2,780.30	354.36	200.00				200.00	3,380.00		169.00			10,492.50			1.95	1.95
Oct. 31/23	48.68	2,780.30	3,083.40						3,814.00		190.70			7,618.19			1.95	1.95
Nov. 30/23	24,229.35	2,734.07							5,032.00		251.60	15.00		1,415.39			1.95	1.95
Dec. 31/23	84.00	2,734.07							5,060.00		253.00			500.00			1.95	1.95
Sub Total		30,691.05	10,090.11	1,600.00	315.21	510.93	2,000.00	1,600.00	47,602.00	-	2,424.90	1,575.00	1,068.80	22780.02	750.00	1,177.55	23.40	23.40
	150,434.96																	
TOTAL	INCOME	EXPENSES H-CONTRACT		EXPENSES - CONTRACTS		TOTAL EXPENSES								C-BALANCE				
	\$ 262,333.56	45,207.30		79,001.67		124,208.97								138,124.59				

To: Regional Parks Committee

From: Mike Redpath, Director, Regional Parks
Jeffrey Fitzpatrick, Division Manager, Design and Development, Regional Parks

Date: July 10, 2024

Meeting Date: July 17, 2024

Subject: **Draft 2025 – 2029 Regional Parks Capital Plan**

RECOMMENDATION

That the Regional Parks Committee receive for information the report dated July 10, 2024, titled “Draft 2025 – 2029 Regional Parks Capital Plan.”

EXECUTIVE SUMMARY

The Draft 2025 - 2029 Regional Parks Capital Plan has been prepared following direction received at the Spring Metro Vancouver Board Budget Workshops and continues to maintain Regional Parks customer levels of service.

As part of Metro Vancouver’s focus on enhancing transparency and governance of the Capital Plan, this report allows for the Regional Parks Committee to provide comments on the draft Capital Plan, which will then be incorporated into the Regional Parks Financial Plan and included in the fall budget presentations to the Regional Parks Committee and MVRD Board.

The estimated 2025 Capital Cash Flow is \$44.4 million with a total estimated spend of \$184.5 million over the five years. Adjustments to the 2025 - 2029 Capital Plan are due to updated timing of investment on projects to reflect project progress, planning and permitting requirements, and ongoing advanced design for park initiatives and greenway development.

PURPOSE

To present to the Regional Parks Committee the draft Regional Parks 2025 - 2029 Capital Plan for comments.

BACKGROUND

During the spring, Metro Vancouver held Board Budget Workshops to seek direction for the preparation of the 2025 - 2029 Financial Plan. The Regional Parks Committee is being provided with an opportunity for input in advance of final budget preparation and presentations to the Committee and Board in the fall.

REGIONAL PARKS CAPITAL PLAN

The Regional Parks Capital Plan reflects the *Board Strategic Plan 2022-2026*, *Regional Parks Plan*, *Regional Greenways 2050*, regional park management plans, and ongoing natural and built asset management strategic planning.

Regional Parks continue to experience high visitation. In 2023, the Regional Parks system welcomed over 14.5 million visitors. The Regional Parks Capital Plan includes investments in enhanced access, carrying capacity and visitor experience, and ecological resilience so regional residents can access the health benefits and ecosystem services from regional parks over the long term.

Specifically, the Regional Parks Capital Plan is guided by the following customer levels of service:

- Expand the Regional Parks System to protect natural areas and connect people to nature
- Develop park amenities to expand capacity and accommodate increased visitation
- Enhance the resilience of the Regional Parks System to climate change and increased visitation
- Maintain park facilities in a state of good repair to ensure safety and reliability over the long term
- Work closely with First Nations to advance reconciliation, build and strengthen relationships
- Expand opportunities to connect with nature to support the mental and physical health of regional residents

CAPITAL PLAN HIGHLIGHTS

The Draft 2025 - 2029 Capital Plan includes two components: major capital and land acquisition. Minor capital, the maintenance and replacement of infrastructure at the end of its lifespan, is included in the operating budget and is not a part of this report.

The Regional Parks capital program is funded by reserves and external grants. The Draft 2025 - 2029 Capital Plan includes \$44.4 million for 2025 and a total of \$184.5 million over five years, an average of \$36.9 million per year. In 2025, \$20 million is allocated to land acquisition and 13.3 million is allocated to major projects.

The key drivers for spending over the next 5 years include:

- **Land Acquisition** - Expanding Regional Parks System to protect natural areas and connect people to nature
- **Ecological Resilience** - Enhancing ecological function and resilience to climate change and increased visitation
- **Capacity and Growth** – Developing park amenities to expand capacity and accommodate increased visitation
- **Connected Network** - Expanding the greenway network to improve connectivity
- **Facility Replacement and Asset Management** - Lifecycle replacement of major regional park assets and upgrading, where required, to ensure long term resilience

In 2025, implementation of the MVRD Board approved *Regional Parks Land Acquisition 2050* strategy will continue.

Key capital projects planned or ongoing in 2025 - 2029 for Regional Parks include the following:

Infrastructure Type	Project Name	Primary Driver	Proposed 2025 Cashflow
Regional Parks Land Acquisition	Regional Parks Land Acquisition	Land Acquisition	20,000,000
Major Projects	Regional Park Development Projects	Capacity/Growth	5,000,000
Greenways	Delta South Surrey Greenway & Delta Nature Reserve Boardwalk	Connected Network	3,500,000
Major Projects	təmtəmiˈxʷtən/Belcarra Regional Park - South Picnic Area Redevelopment	Capacity/Growth	3,000,000
Major Projects	Widgeon Marsh Regional Park Development	Capacity/Growth	2,000,000
Greenways	Burnaby Lake - Glencarin to Avalon Central Valley Greenway Connection	Connected Network	2,000,000
Park Development	Campbell Valley - Replacement of Little River Loop Boardwalk	Facility Replacement	1,750,000
Major Projects	Campbell Valley - Park and Greenway Development	Capacity/Growth	1,500,000
Park Development	łéxətəm Regional Park Shoreline Stabilization	Facility Replacement	1,500,000
Various	Various park development, ecological resilience, and capital replacement projects	Various	4,150,000
			44,400,000

In 2025, advanced design will focus on the planning and design of recently acquired parkland with an aim to provide public access as soon as possible. Advanced design will continue for the Delta Delta South Surrey Greenway, Burnaby Lake Central Valley Greenway Connection, Lynn Headwaters Park Entry and Main Day Use Area, and other initiatives that will advance to implementation from 2025 - 2029.

Capital Plan Changes

Metro Vancouver's annual capital planning process allows the Board to adjust the capital budget once a year, in the fall, to accommodate changes required to fund projects in response to new or changing project needs, emerging issues, and changing priorities.

Proposed changes in the draft 2025 - 2029 Capital Plan can be described within the following categories:

- Projected Carryforward – Project expenditures which were expected to occur in 2024, but are now scheduled to occur in 2025 or after

- Net Deferral – Project expenditures that have been accelerated and projects that have been deferred or re-scheduled beyond 2029
- Cost Adjustments – Project cashflow changes resulting from project budget changes not related to scope
- New Scope – Project cashflow changes resulting from project budgets specifically related to project scope change

The breakdown of total draft 2025 - 2029 Capital Plan compared to prior cycle capital plan is summarized below:

(\$ millions)

Prior Cycle Cash Flow 2024-2028	Cash Flow 2024	Adjustments to 2025 - 2028 Capital Plan			Cash Flow 2029	Draft Capital Plan 2025- 2029
		Carry- Forward	Net Adjustments	Total		
171.7	(32.0)	1.2	13.3	14.5	30.3	184.5

Adjustments to the 2025 - 2029 Capital Plan are due to updated timing of investment on projects to reflect project progress, planning and permitting requirements, and ongoing advanced design for park initiatives and greenway development.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

The draft 2025 - 2029 Capital Plan includes \$44.4 million for 2025 and a total of \$184.5 million over the five years, an average of \$36.9 million per year. The intent is that the Regional Parks Committee provide feedback which will be incorporated into the final Capital Plan for presentation to the Committee and Board in the fall.

CONCLUSION

The 2025 - 2029 Capital Plan supports expansion of the Regional Parks system to protect natural areas and connect people to nature, development of park amenities to expand capacity and accommodate increased visitation, enhanced resilience to climate change, and the maintenance of facilities in a state of good repair to ensure safety and reliability over the long term.

The presentation of the draft 2025 - 2029 Capital Plan provides the opportunity for input from the Committee which will be incorporated into the fall budget presentation to the Committee and Board.

ATTACHMENTS

1. Regional Parks 2025 Capital Budget and 2025 - 2029 Capital Plan
2. Presentation re: Draft Regional Parks 2025 – 2029 Capital Plan

**METRO VANCOUVER REGIONAL DISTRICT
CAPITAL PORTFOLIO
REGIONAL PARKS
2025 CAPITAL BUDGET AND 2025 - 2029 CAPITAL PLAN**

Attachment 1

	CAPITAL BUDGET FOR APPROVAL	2025 CAPITAL CASH FLOW	2026 CAPITAL CASH FLOW	2027 CAPITAL CASH FLOW	2028 CAPITAL CASH FLOW	2029 CAPITAL CASH FLOW	2025 TO 2029 TOTAL CAPITAL CASH FLOW	ACTIVE PHASE	PRIMARY DRIVER
CAPITAL EXPENDITURES									
Major Projects									
Grouse Mountain Trail and Amenity Improvement	\$ 3,725,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	Construction	Capacity, Growth & Ecological Resilience
Widgeon Marsh Park Development	20,500,000	2,000,000	2,000,000	4,000,000	5,000,000	5,000,000	18,000,000	Construction	Capacity, Growth & Ecological Resilience
Campbell Valley - Park and Greenway Development	12,600,000	1,500,000	2,500,000	2,500,000	3,000,000	-	9,500,000	Construction	Capacity, Growth & Ecological Resilience
Belcarra - South Picnic Area and Cabins	4,789,600	3,000,000	500,000	-	-	-	3,500,000	Construction	Capacity, Growth & Ecological Resilience
West Creek Wetlands - Park Development	3,050,000	300,000	-	500,000	750,000	1,500,000	3,050,000	Planned	Capacity, Growth & Ecological Resilience
Burns Bog - Fire Restoration	-	-	-	250,000	500,000	1,000,000	1,750,000	Planned	Capacity, Growth & Ecological Resilience
Codd Wetland - Park Development	9,100,000	200,000	-	-	-	900,000	1,100,000	Planned	Capacity, Growth & Ecological Resilience
Regional Park Development	10,000,000	5,000,000	5,000,000	-	-	-	10,000,000	Planned	Capacity, Growth & Ecological Resilience
Upper Campbell Corridor / South Langley	3,500,000	500,000	1,500,000	1,500,000	-	-	3,500,000	Planned	Capacity, Growth & Ecological Resilience
Advanced Design and Improvements	3,500,000	300,000	300,000	300,000	300,000	300,000	1,500,000	Planned	Capacity, Growth & Ecological Resilience
Boundary Bay - 72nd Staging Area	-	-	-	-	50,000	-	50,000	Planned	Capacity, Growth & Ecological Resilience
Total Major Projects	\$ 70,764,600	\$ 13,300,000	\$ 11,800,000	\$ 9,050,000	\$ 9,600,000	\$ 8,700,000	\$ 52,450,000		
Greenways									
Burns Bog Delta Nature Reserve Development	\$ 13,500,000	\$ 3,500,000	\$ 3,500,000	\$ 3,000,000	\$ 2,500,000	\$ -	\$ 12,500,000	Planned	Connected Network
Boundary Bay - Perimeter Trail	2,150,000	-	500,000	-	-	-	500,000	Planned	Connected Network
Burnaby Lake - Glencarin Day Use Area	4,000,000	2,000,000	500,000	-	-	-	2,500,000	Planned	Connected Network
Total Greenways	\$ 19,650,000	\$ 5,500,000	\$ 4,500,000	\$ 3,000,000	\$ 2,500,000	\$ -	\$ 15,500,000		
Service Facilities									
Burnaby Lake - Service Yard Building Replacement	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 150,000	\$ 200,000	Planned	Facility Replacement & Asset Management
Capilano River Service Yard Replacement	3,093,000	500,000	-	-	-	-	500,000	Construction	Facility Replacement & Asset Management
Regional Park Service Yard Replacement	-	-	-	-	250,000	1,000,000	1,250,000	Planned	Facility Replacement & Asset Management
Total Service Facilities	\$ 3,093,000	\$ 500,000	\$ -	\$ -	\$ 300,000	\$ 1,150,000	\$ 1,950,000		
Park Development									
Campbell Valley - Replacement of Little River Loop Boardwalk	\$ 2,050,000	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	Design	Facility Replacement & Asset Management
Pacific Spirit - Beach Access Improvements	1,700,000	200,000	1,500,000	-	-	-	1,700,000	Design	Facility Replacement & Asset Management
Lynn Headwaters - Parking and Access Improvements	5,500,000	250,000	500,000	1,750,000	3,000,000	-	5,500,000	Design	Facility Replacement & Asset Management
Second Canyon Lookout	600,000	500,000	-	-	-	-	500,000	Design	Facility Replacement & Asset Management
Shoreline Stabilization	1,750,000	1,500,000	-	-	-	-	1,500,000	Design	Facility Replacement & Asset Management
Pineridge Bridge Replacement	550,000	500,000	-	-	-	-	500,000	Design	Facility Replacement & Asset Management

**METRO VANCOUVER REGIONAL DISTRICT
CAPITAL PORTFOLIO
REGIONAL PARKS
2025 CAPITAL BUDGET AND 2025 - 2029 CAPITAL PLAN**

	CAPITAL BUDGET FOR APPROVAL	2025 CAPITAL CASH FLOW	2026 CAPITAL CASH FLOW	2027 CAPITAL CASH FLOW	2028 CAPITAL CASH FLOW	2029 CAPITAL CASH FLOW	2025 TO 2029 TOTAL CAPITAL CASH FLOW	ACTIVE PHASE	PRIMARY DRIVER
Deas Island - Waste Water Infrastructure Renewal	350,000	250,000	–	–	–	–	250,000	Design	Facility Replacement & Asset Management
Lynn Valley - New Crossing of Lynn Creek at Hanes Valley Trailhead	700,000	150,000	–	500,000	–	–	650,000	Design	Facility Replacement & Asset Management
Burns Bog - West Ditch Restoration	–	–	–	–	50,000	250,000	300,000	Planned	Facility Replacement & Asset Management
Surrey Bend - Parking Lot Expansion	–	–	–	–	–	50,000	50,000	Planned	Facility Replacement & Asset Management
Brunette Fraser Greenway - Coal Hourse Heritage Restoration	–	–	–	–	–	50,000	50,000	Planned	Facility Replacement & Asset Management
Kanaka Creek - Cliff Falls Staging Area	–	–	–	–	200,000	–	200,000	Planned	Facility Replacement & Asset Management
White Pine Beach Landscape & Drainage Improvements	–	–	–	–	–	50,000	50,000	Planned	Facility Replacement & Asset Management
Burnaby Lake - Nature House	–	–	–	–	–	50,000	50,000	Planned	Facility Replacement & Asset Management
Gordons Brook Activity Area	–	–	–	–	150,000	–	150,000	Design	Facility Replacement & Asset Management
Iona Beach Washroom Upgrades	–	–	–	700,000	–	–	700,000	Design	Facility Replacement & Asset Management
Deas Island - Dyke and Drainage Improvements	–	–	50,000	–	600,000	–	650,000	Planned	Facility Replacement & Asset Management
Total Park Development	\$ 13,200,000	\$ 5,100,000	\$ 2,050,000	\$ 2,950,000	\$ 4,000,000	\$ 450,000	\$ 14,550,000		
Regional Parks Land Acquisition									
Regional Parks Land Acquisition	\$ 20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$ 100,000,000		Land Acquisition
Total Regional Parks Land Acquisition	\$ 20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$ 100,000,000		
TOTAL CAPITAL EXPENDITURES	\$126,707,600	\$44,400,000	\$38,350,000	\$35,000,000	\$36,400,000	\$30,300,000	\$ 184,450,000		

SUMMARY BY DRIVER									
Capacity, Growth & Ecological Resilience	70,764,600	13,300,000	11,800,000	9,050,000	9,600,000	8,700,000	52,450,000		
Facility Replacement & Asset Management	16,293,000	5,600,000	2,050,000	2,950,000	4,300,000	1,600,000	16,500,000		
Connected Network	19,650,000	5,500,000	4,500,000	3,000,000	2,500,000	–	15,500,000		
Land Acquisition	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	100,000,000		
Total	\$126,707,600	\$44,400,000	\$38,350,000	\$35,000,000	\$36,400,000	\$30,300,000	\$ 184,450,000		



Burnaby Lake

REGIONAL PARKS

2025 - 2029 DRAFT CAPITAL PLAN

Mike Redpath
Director, Regional Parks

Jeffrey Fitzpatrick
Division Manager, Regional Parks Design and Development

Regional Parks Committee | July 17 2024
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REGIONAL PARKS

Protecting Metro Vancouver's natural areas and **connecting** people with them.



REGIONAL PARKS PLAN



Goal 1

The region's important natural areas are protected in perpetuity.



Goal 2

Everyone has the opportunity to benefit from exceptional experiences in nature.



Goal 3

Regional parks are sustainably managed and well-maintained for the safety of visitors and integrity of ecosystems.



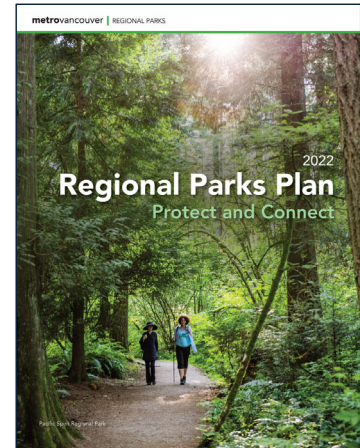
Goal 4

First Nations have an active role in the planning and stewardship of regional parks.



Goal 5

Regional parks adapt to change and contribute to regional resilience.

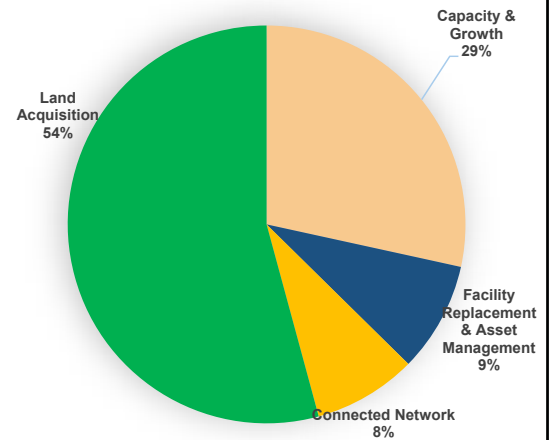


CUSTOMER LEVEL OF SERVICE OBJECTIVES

1. Expand the Regional Park System to protect natural areas and connect people to nature
2. Develop park amenities to expand capacity and accommodate increased visitation
3. Enhance the resilience of the Regional Park System to climate change and increased visitation
4. Maintain park facilities in a state of good repair to ensure safety and reliability over the long term
5. Work closely with First Nations to advance reconciliation, build and strengthen relationships
6. Expand opportunities to connect with nature to support the mental and physical health of regional residents

CAPITAL PLAN DRIVERS

Driver	Outcome	% 2025 - 2029 Capital Plan
Land Acquisition	Expanding the Regional Park System to protect natural areas and connect people to nature	54%
Capacity, Growth and Ecological Resilience	Developing park amenities to expand capacity and accommodate increased visitation, enhancing ecological function and resilience	29%
Connected Network	Expanding the greenway network to improve connectivity	8%
Facility Replacement and Asset Management	Lifecycle replacement of regional park assets and upgrading, where required, to ensure long term resilience	9%

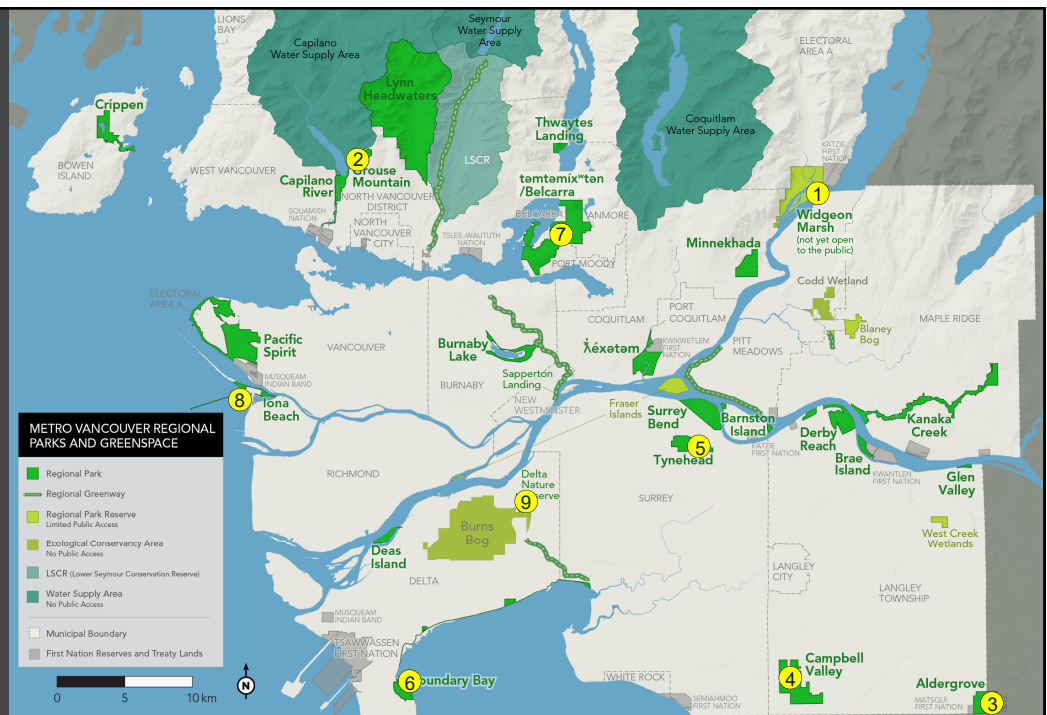


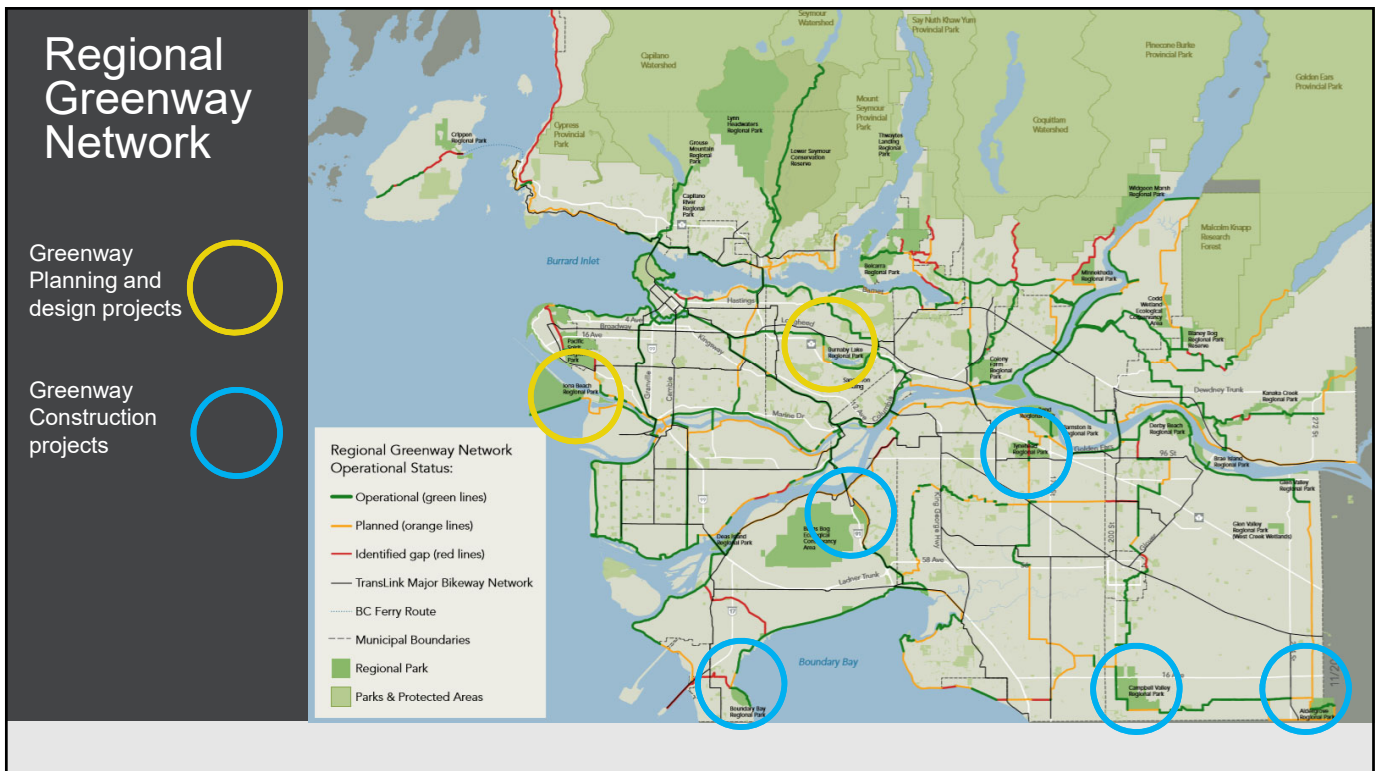
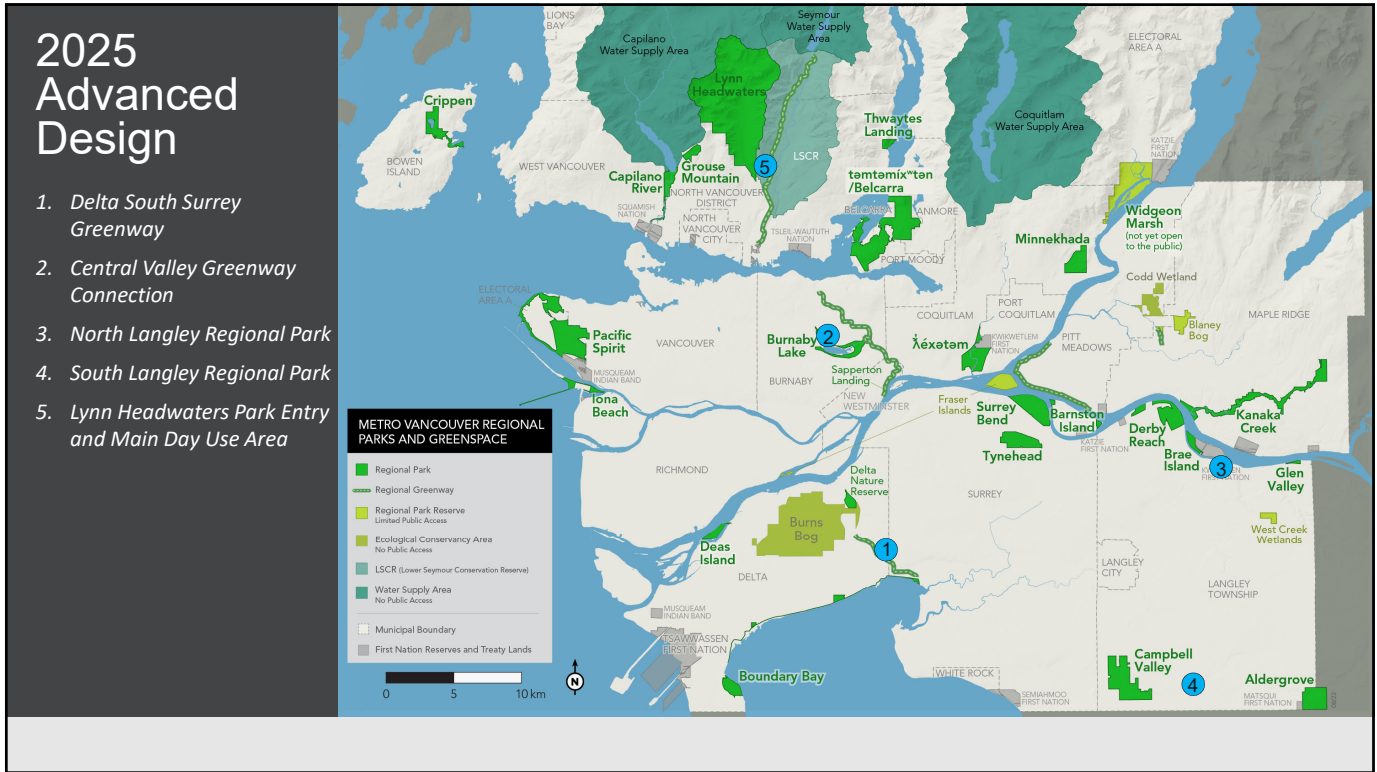
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2025 Capital Development

1. Widgeon Marsh Regional Park Development
2. Grouse Mountain Trail and Amenity Improvements
3. Aldergrove South Slopes Greenway
4. Campbell Valley Management Plan Implementation
5. Tynehead Perimeter Trail
6. Boundary Bay Perimeter Trail
7. Belcarra South Day Use
8. IWWTP - Iona Beach Regional Park
9. Delta Nature Reserve – Delta South Surrey Greenway





REGIONAL PARKS

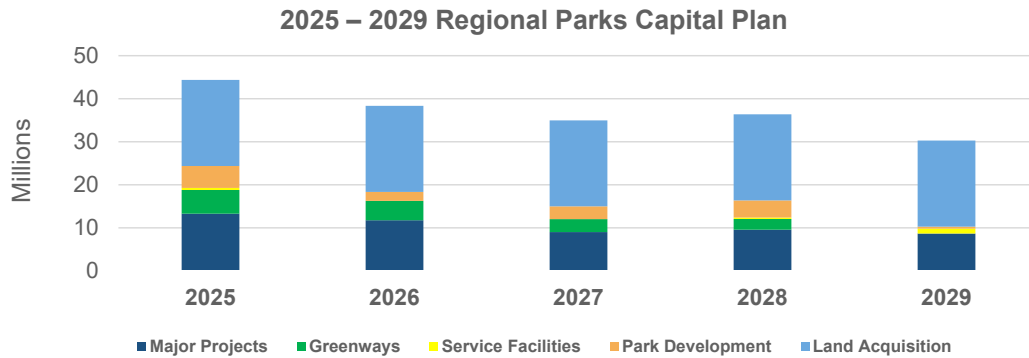
2025 - 2029 CAPITAL PLAN EXPENDITURES

Overview:

- 2025 - 2029 Capital Plan: \$184.5M
- 2025 cash flow: \$44.4M

Drivers:

- Capacity, Growth & Ecological Resilience
- Facility Replacement & Asset Management
- Connected Network
- Land Acquisition



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9

PROPOSED CAPITAL PLAN CHANGES

(\$ Millions)

(\$ Millions)

Prior Cycle Cash Flow 2024 - 2028	Cash Flow 2024	Adjustments to 2025 - 2028 Capital Plan			Cash Flow 2029	Draft Capital Plan 2025 - 2029
		Carry-Forward	Net Adjustments	Total		
171.7	(32.0)	1.2	13.3	14.5	30.3	184.5

- Land acquisition primary driver of 5-year increase

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NEXT STEPS

- Finalize Regional Parks Capital Plan
- Finalize Regional Park Budget
- Fall 2024 Committee and Board budget presentations



To: Regional Parks Committee

From: Jamie Vala, Division Manager, Planning and Resource Management, Regional Parks

Date: May 31, 2024 Meeting Date: July 17, 2024

Subject: **Natural Resource Management Restoration Program Update**

RECOMMENDATION

That the Regional Parks Committee receive for information the report dated May 31, 2024, titled "Natural Resource Management Restoration Program Update."

EXECUTIVE SUMMARY

In 2024, 37 restoration projects are planned across the regional parks system. These planned restoration projects include creating and maintaining wetland habitat, removal of invasive species, improving forest resilience, improving habitat diversity, restoring disturbed areas, buffer plantings, creating wildflower meadows, as well as restoring forested and riparian areas. This report highlights selected projects from 2024. This work improves the health of regional parks ecosystems contributing to improved regional resilience and provides opportunities for residents to engage in environmental stewardship, deepening their connection with nature.

PURPOSE

The purpose of this report is to share information on the Regional Parks Natural Resource Management Restoration Program.

BACKGROUND

The 2024 Regional Parks Committee work plan identified an update on this program as part of its annual reporting.

NATURAL RESOURCE MANAGEMENT PROGRAM

The Regional Parks Natural Resource Management Program works throughout the year to protect and conserve ecosystem health. The work is guided by the Natural Resource Management Framework which identifies three goals:

1. Ensure ecosystem health and long-term resiliency to conserve diverse biological communities and their associated habitats.
2. Provide opportunities for the public to connect with natural areas while conserving the integrity and resilience of ecosystems.
3. Provide opportunities for public involvement in natural resource management through partnerships and stewardship activities.

HIGHLIGHTS OF 2023

In 2023, 32 restoration projects in 17 regional parks were completed by staff, contractors, and volunteers. Collectively they removed 5,586 kg of invasive species and added 10,734 native plants to regional parks. 3,924 volunteer instances supported 370 environmental stewardship work parties in regional parks, contributing 10,681 volunteer hours.

UPCOMING 2024 PROJECTS

In 2024, 37 projects are planned across the regional parks system. These planned projects include creating and maintaining wetland habitat, removal of invasive species, improving forest resilience, improving habitat diversity, restoring disturbed areas, buffer plantings, creating wildflower meadows, as well as restoring forested and riparian areas.

Some highlights include:

1. **Grand Fir Trail Restoration at Pacific Spirit Regional Park**

A three hectare patch of remnant old growth forest is found at the top of the slopes in Pacific Spirit Regional Park. This forest contains old growth trees (over 250 years old) but the area has been heavily impacted by off-trail activities including over 3000 metres of unsanctioned trails. In 2023, one trail was formalized in the area and this year, the focus will be to restore the rest of the network by repairing damaged soils and improving biodiversity.

Community volunteers will help to deactivate unsanctioned areas, replant with native species, and remove invasive plant infestations. This project was funded in part through Metro Vancouver Regional Parks Foundation's Reel Green fundraising initiative.

2. **Forest Resiliency Project at Capilano River Regional Park**

Capilano River Regional Park's sensitive forested ecosystems have been subjected to impacts in recent years such as prolonged drought, a hemlock looper moth infestation, and high recreation pressures. The forest is in need of some interventions to promote long-term resiliency in the face of ongoing pressures and increased climate impacts.

After undertaking a detailed forest health assessment and mitigation strategy, the work will focus on protecting old growth trees, reducing risks, and restoring fragmented habitat. Staff will support community volunteers to underplant, using native species suitable to the site to strengthen the forest against future impacts.

3. **Delta Heritage Airpark in Boundary Bay Regional Park – Field Margin Management**

The Delta Heritage Airpark in Boundary Bay Regional Park provides opportunities to create and enhance wildlife habitat along airfield and agricultural margins. In recent years, some of these areas have been subjected to increased incursion and expansion of Himalayan blackberry, which has a tendency to reduce local biodiversity.

Regional Parks staff are working with Recreational Aircraft Association of Canada, Chapter 85, which was awarded a George Ross Stewardship Grant to convert large blackberry patches to native species hedgerows and grass/wildflower margins. Blackberry reduction has been achieved using a combination of machine and hand grubbing of roots, cultivation, and application of shade cloth over a two year period. This work will continue along the interface between the airpark runway and a farm field. A 0.2 ha cleared area will be seeded to a grass/wildflower margin, benefitting pollinators and other local wildlife.

4. **Āxəxətəm Regional Park – Sheep Paddocks Wetland Compensation Project**

In 2019, a 1.2 ha pond/wetland complex was created at Āxəxətəm Regional Park as compensation for wetlands impacted as part of the construction of a multi-use path in the

park. The pond provides general habitat for typical wetland-associated species and specifically includes habitat features and conditions that are suited to multiple life stage requirements of the western painted turtle, a species of significant conservation concern.

Current work on this project includes: infill of native plant species, installation of floating basking logs for turtles, enhancement of created wildflower meadow and continued removal of self-seeded trees from the constructed turtle nesting area, as these are detrimental to turtle egg viability.

5. New Pond for Campbell Valley Regional Park

A new pond will be created at the Rowlatt Farm site in Campbell Valley Regional Park. The area is prone to flooding, impacting popular trails. The creation of the pond will direct water away from trails and into the pond, providing new habitat for a variety of wetland-associated species. The area surrounding the pond will be planted with native shrubs, rushes, sedges, and wildflowers. The pond is near the Nature House, which will create opportunities for pond dipping as part of interpretive public programming activities.

6. Riverbank Protection at Kanaka Creek Regional Park

Metro Vancouver Regional Parks partnered with Fisheries and Oceans Canada to protect the bank of the river near the fish fence in Kanaka Creek Regional Park. The project began in 2023 with the placement of riprap along the bank and was completed in January 2024 with the addition of 10,000 willow cuttings to create a live brush mat growing on the surface of the rock. This technique softens the appearance of the rock and provides habitat for local wildlife.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

This work is supported by the 2024 Regional Parks restoration budget of \$255,000 and supplemented by grant funding from the Metro Vancouver Regional Parks Foundation and other donations.

CONCLUSION

The Regional Parks Natural Resource Management Program works throughout the year to protect and conserve ecosystem health. This report shares some highlights of the 2023 program and outlines upcoming work in 2024.

ATTACHMENTS

1. Presentation re: Natural Resource Management Restoration Program Update

REFERENCES

1. [Regional Parks Natural Resource Management Framework](#)



Ecological Restoration Projects in Regional Parks

2024 SELECTED PROJECTS

Markus Merkens

Natural Resource Management Specialist

Regional Parks Committee Meeting

July 17, 2024

metrovancouver

MANAGING NATURAL ASSETS IN REGIONAL PARKS

Natural Resource Management Program

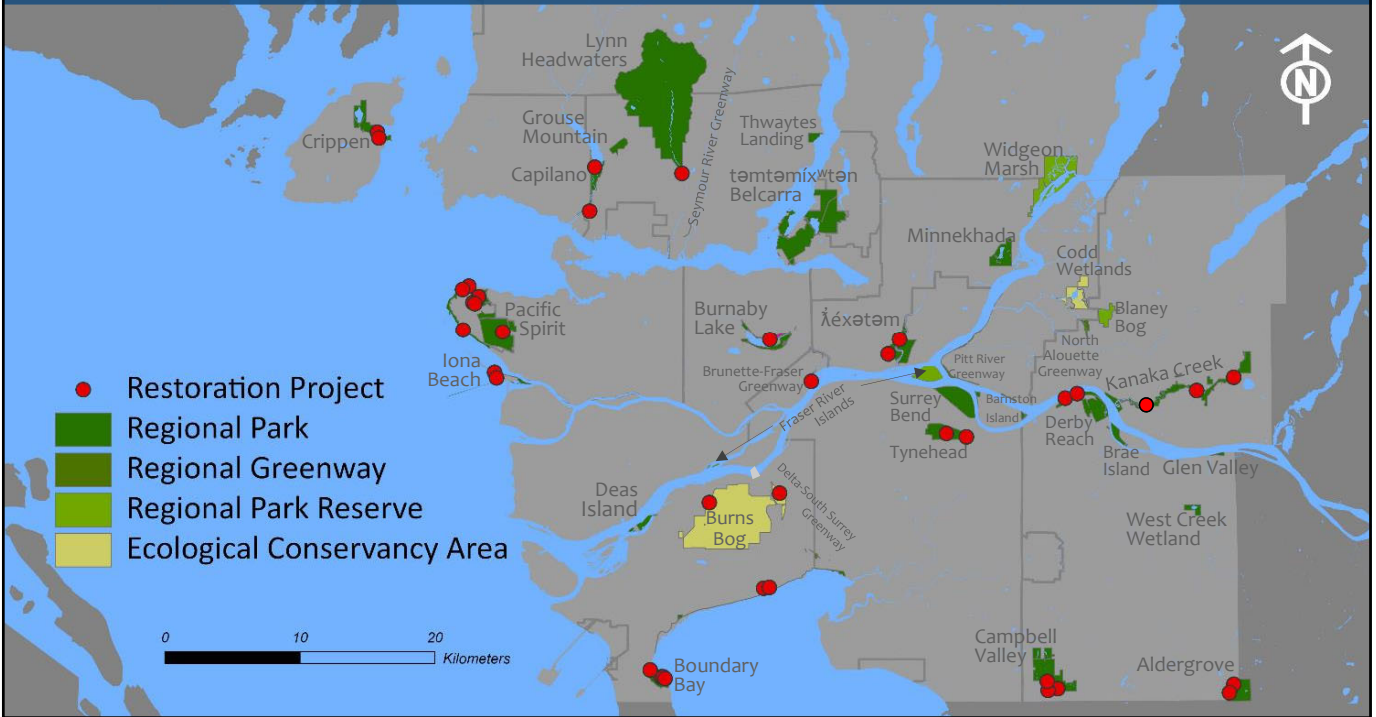
Ecological restoration contributes to maintaining the ecological health and resiliency of regional parks



Sundew in Burns Bog Ecological Conservancy Area

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Regional Parks Ecological Restoration 2024



JV1 Pacific Spirit Regional Park – Grand Fir Trail Restoration



INVASIVE SPECIES REMOVAL AND TRAIL DEACTIVATION

Pacific Spirit Regional Park



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5

Canilano River Regional Park - Forest Resiliency Project



RESTORING DISTURBED AREAS

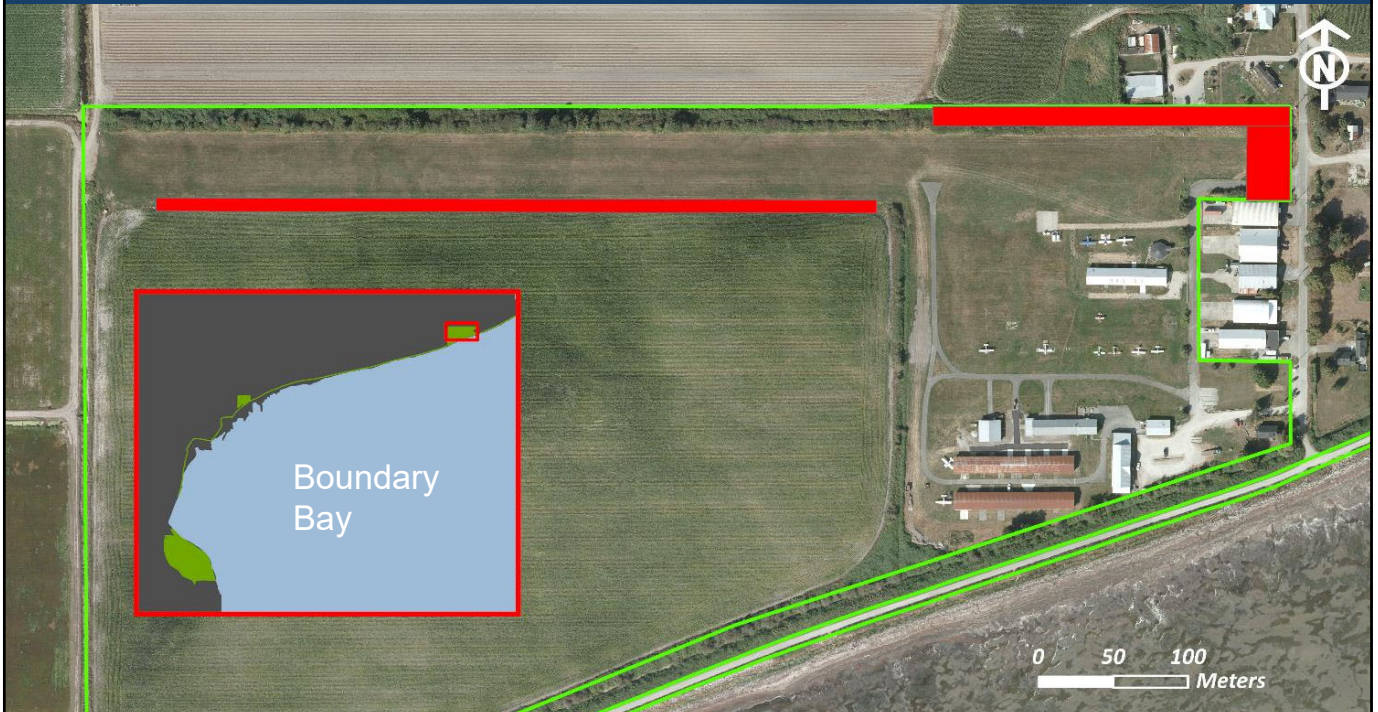
Capilano River Regional Park



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7

Delta Heritage Airport – Field Margin Management



HEDGEROW AND WILDFLOWER MEADOW CREATION

Delta Heritage Airpark – Boundary Bay Regional Park



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9

Áéxetám Regional Park – Sheep Paddocks Wetland Compensation Project



TURTLE HABITAT ENHANCEMENT

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11

Campbell Valley Regional Park - Rowlatt Pond



WETLAND/POND CREATION

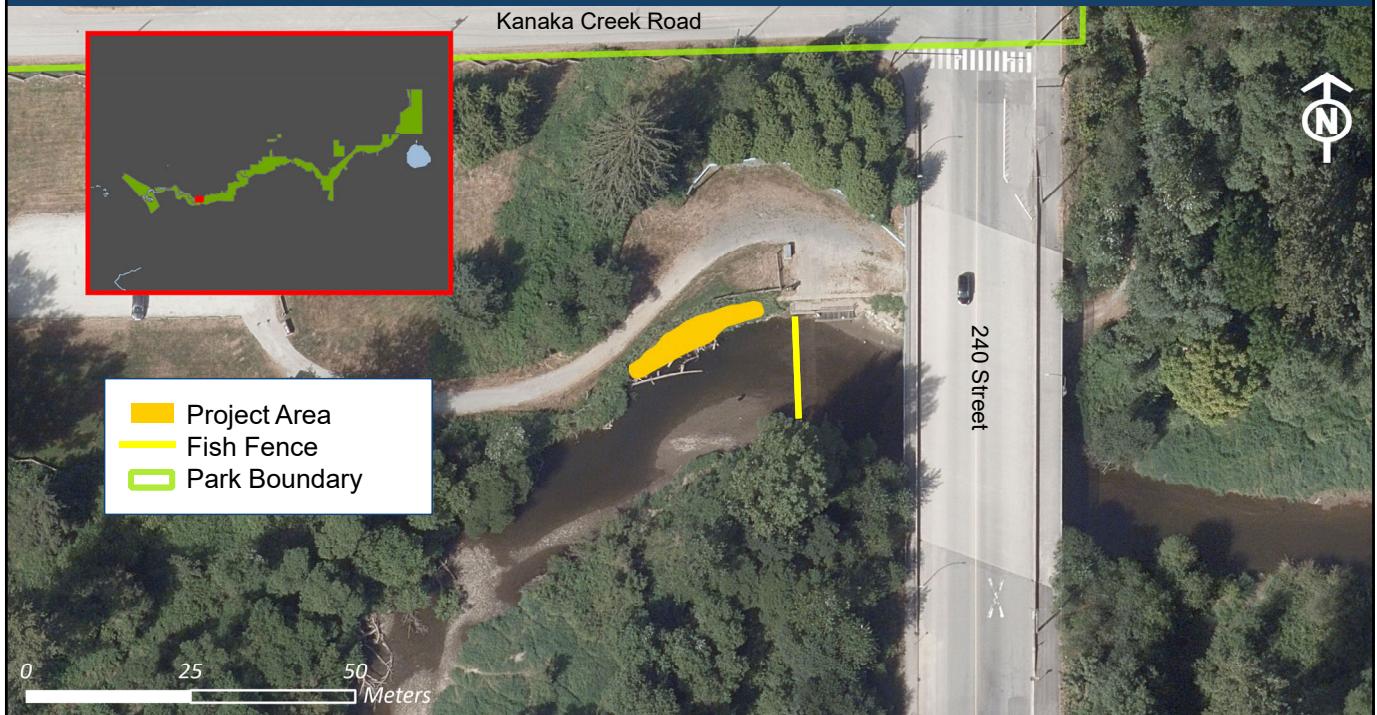
Campbell Valley Regional park



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13

Kanaka Creek Regional Park – Riverbank Erosion Protection

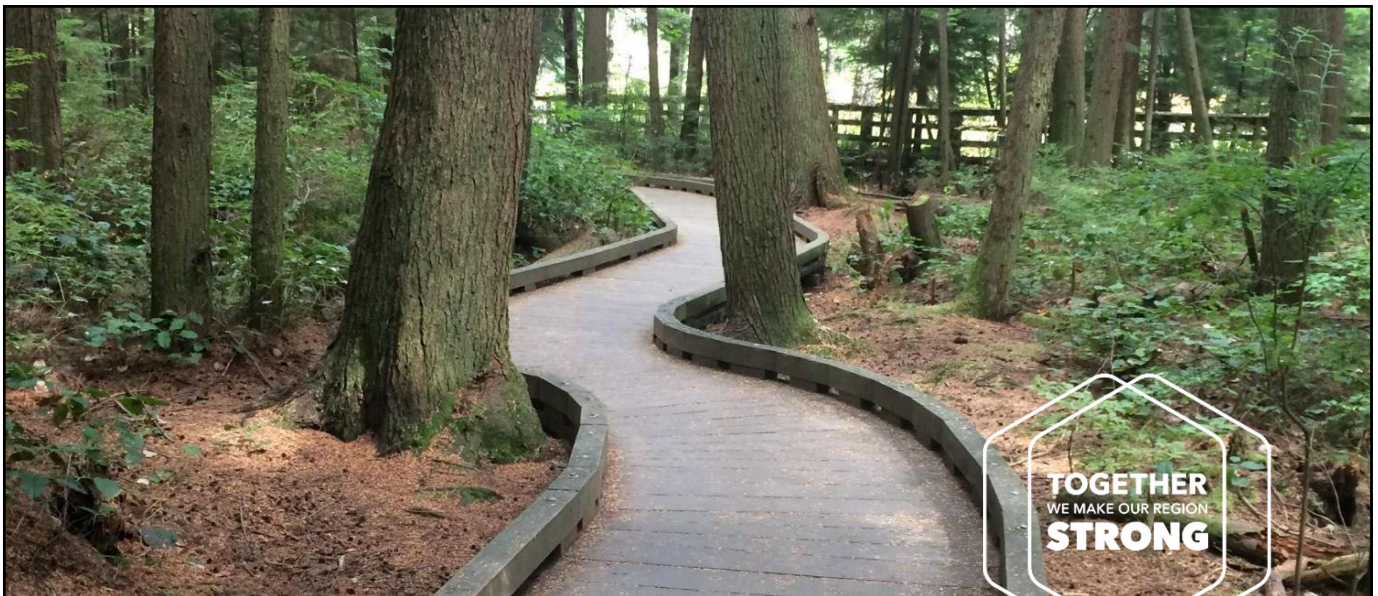


Kanaka Creek Regional Park – Riverbank Erosion Protection



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15



Camosun Bog Boardwalk Trail – Pacific Spirit Regional Park

Thank-you – Questions?

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16

To: Regional Parks Committee

From: Mike Redpath, Director, Regional Parks

Date: July 9, 2024

Meeting Date: July 17, 2024

Subject: **Manager's Report – Regional Parks**

RECOMMENDATION

That the MVRD Board receive for information the report dated July 9, 2024, titled “Manager’s Report – Regional Parks.”

EXECUTIVE SUMMARY

Attachment 1 to this report sets out the Regional Parks Committee Work Plan for 2024. The status of work program elements is indicated as pending, in progress, or complete. The listing is updated as needed to include new issues that arrive, items requested by the Committee, and changes in the schedule.

2024 WILDFIRE SEASON

Wildfire Warning Signs

With its vast greenspaces, Metro Vancouver is susceptible to wildfires. Wildfire preparedness and response are top priorities for Metro Vancouver and its member municipalities. Metro Vancouver has a comprehensive fire management system that includes nine fire weather stations, detailed response plans for each regional park and water supply area, and a team of highly trained and well-equipped firefighters. Metro Vancouver is part of a collaborative multi-jurisdictional fire prevention network that includes member communities, local fire departments and the BC Wildfire Service, all of whom work together on planning and response. During high or extreme fire risk, Regional Parks takes measures such as limiting or prohibiting campfires, barbeques, and stoves. Smoking is always prohibited in regional parks except in designated areas.



While weather patterns in June helped slow the start of the 2024 fire season in Metro Vancouver, crews are trained and equipment has been prepared to be ready for drier conditions expected over the next several months. Three specialized initial attack crews

A wildfire sign at Capilano River Regional Park

supported by over two dozen Watershed staff and a five-person Regional Parks team are at the ready for response required for any wildfire activity.

As regional parks get busier in the summer months, patrol staff are actively speaking with the public regarding appropriate public behaviour during fire season. In-park signs advise the public about any restrictions and closures. Staff update information regularly on the Regional Parks website. Large signs that encourage the public to 'KEEP REGIONAL PARKS SAFE DURING WILDFIRE SEASON' have been installed at all regional park locations.

Members of the public are reminded of "how you can help":

- Check the fire danger rating of the regional park you plan to visit.
- Please comply with the posted signs and fire danger restrictions and closures (e.g., no campfires, no charcoal barbecues).
- If you spot a wildfire, call 9-1-1 immediately.

Regional Parks Staff Wildfire Training

Parks is improving their response capabilities by developing a specialized 20-person wildfire crew with five dedicated crew leaders. Accomplishing this requires additional training, procurement of specialized equipment, and increased coordination to participate in multiple wildfire exercises. Additional training was provided by Watershed and Environment staff, including basic wildfire suppression, fire assessment, water delivery methods, crew supervision, incident command system organization, helicopter operations, radio communications, and chainsaw operations.



Wildfire suppression training at Capilano Watershed

Park crews have been outfitted with new yellow and green wildfire resistant uniforms. Fire equipment located across the parks system is being standardized to match BC Wildfire Service standards, making it easier to share between crews. The existing parks system fire trailer (originally intended for larger fires) is being expanded to include a second fire trailer that can support multiple fires.

On June 25-26, 2024, the Metro Vancouver Watershed Protection team organized an exercise to bring Watershed Protection and Regional Parks staff together for a unique scenario. The exercise started with an initial wildfire response in the Capilano Watershed, where Watershed crews were deployed and a helicopter was brought in to do some water bucketing. The site was prepped with wildfire images attached to trees for crews to assess, making the scenario more realistic. Behind the scenes, department duty officers were notified and began planning to support the incident. By the end of day one, there were multiple simulated fires requiring a larger, more coordinated response.

The second day began with deploying a Parks crew with Watershed crews and ended with the mock evacuation of an injured worker. Overall, staff practiced water delivery and fire suppression methods, radio communications, and crew leadership through an incident command structure. This was a valuable exercise for both departments. It was great to see the Watershed red shirts working side-by-side with the Parks yellow shirts as each department completed their assigned tasks.



Wildfire training with MV Watershed Protection team

ALCOHOL CONSUMPTION IN REGIONAL PARKS PILOT PROGRAM

On Friday, June 28, 2024, Metro Vancouver commenced its *Alcohol Consumption in Regional Parks Pilot Program*, allowing for the responsible consumption of alcohol in designated areas of six regional parks. The pilot program will end on October 14, 2024.

Those regional parks with designated areas that allow alcohol to be consumed include: Boundary Bay (Centennial Beach), Campbell Valley (8th Avenue Picnic Area/Order of Canada Grove), Capilano River (Cleveland Dam Picnic Area), Derby Reach (day use area adjacent to Edgewater Bar campground) and Iona Beach (picnic area), as well as the Brunette Fraser Regional Greenway (Sapperton Landing).

Alcohol consumption is only permitted in clearly signed designated areas within these parks, at any time during regular park hours for the duration of the program.

Signs advising visitors about the pilot program have been installed at entry points to the designated areas, and at key locations around the boundaries of the permitted zones. Metro Vancouver Regional Parks staff are patrolling



Project signs at Boundary Bay Regional Park

these areas, and providing education and enforcement as necessary to encourage bylaw compliance.



End of the permitted zone sign at Boundary Bay Regional Park

Adults who choose to drink in the designated areas within the six regional parks are expected to manage their consumption and litter, and act responsibly. All provisions of the *Provincial Liquor Control and Licensing Act* must be followed. Members of the public are being asked to use designated bins for garbage, food scraps, and recycling.

Metro Vancouver is collecting public feedback during the pilot program via an online survey. This survey is available on the Regional Parks website (Reference 1), and can be accessed by a QR code that

appears on park signage. Impacts observed by staff during the pilot program at each site (positive and negative) will also be captured. Staff will compile all public and staff feedback and report back to the Regional Parks Committee early in 2025 with recommendations regarding the future of the pilot program.

REGIONAL PARKS LAND ACQUISITION – WEST CREEK WETLANDS

Metro Vancouver recently acquired almost 32 hectares (78.9 acres) of property which makes up the remaining third of West Creek Wetlands, currently part of Glen Valley Regional Park in north Langley (Attachment 2). This acquisition brings the total size of West Creek Wetlands to 96 ha (230 ac).

The property is comprised of mixed forest, wetland, and a salmon bearing creek. It protects several rare species and will allow a trail to be built around the central wetland feature, providing public access to this natural oasis in the eastern part of the region. The land was acquired for \$5.5 million which the MVRD Board approved in 2023.

West Creek Wetlands is currently not open to the public. Planning and design will start next year to create the facilities that will allow this area to be open to the public. Metro Vancouver intends to provide opportunities for input as part of the planning process.



A map illustrating the recent acquisition in West Creek Wetlands

REGIONAL PARKS UPDATES

Grouse Mountain Regional Park – Grouse Grind Reopens!

The Grouse Grind Trail in Grouse Mountain Regional Park has reopened for the season with new amenities. This year's upgrades include a new trailhead entrance with improved access, new seating, a water fountain, stretching bars, and better access for first responders. The project also saw the replacement of a foot bridge over a creek near the one-quarter mark and environmental restoration.



Grouse Mountain Regional Park

Iona Beach Regional Park – Visitor Shuttle Bus Pilot Project



Shuttle bus for Iona Beach Regional Park

With its unique location at the mouth of the Fraser River where it meets the Salish Sea, Iona Beach Regional Park is known for its beautiful long beach and sand dunes. As a strategic location on the Pacific Flyway, Iona Beach Regional Park is a popular destination to view the thousands of migratory birds that temporarily call the park home as part of their migratory journey north or south.

In recent years, Iona Beach Regional Park has seen a significant increase in popularity and

visitation. During the peak summer months, there are times when the demand for vehicle access can exceed parking capacity.

To provide an alternate means for visitors to access the park, a visitor shuttle bus is being piloted this summer from June 15 through September 15. The shuttle bus will operate on weekends (including holiday Mondays) and will connect the Templeton Canada Line Station and Iona Beach Regional Park. The shuttle bus is free of charge.

The shuttle bus pilot project is designed to support other initiatives taking place at Iona Beach Regional Park, including recent upgrades to the picnic area, the pilot project allowing alcohol to be consumed in designated areas, and the real time parking availability pilot project.

Boundary Bay Regional Park – Mobile Vending Pilot Program Update

Metro Vancouver Regional Parks currently contracts three seasonal concession operations at two locations: təmtə́míxʷtən/Belcarra Regional Park (Picnic Area and White Pine Beach) and Boundary Bay Regional Park (Centennial Beach). Staff are considering allowing mobile food and non-alcoholic beverage vending (food trucks) at locations where there is a need/opportunity for new or increased service across the park system. Providing food and non-alcoholic beverage service at parks where there is sufficient visitation would provide a new service for the public, and may create economic activity. A successful program could create a modest new revenue stream for Regional Parks.

During the summer of 2024, Regional Parks will be piloting a new mobile vending operation at Centennial Beach at Boundary Bay Regional Park in Delta to diversify its food and non-alcoholic beverage service options for park visitors. Regional Parks has entered into a contract with one mobile food vendor selling ice cream and other treats that will supplement the current concession food services at the Centennial Beach café on weekends and holidays up until October 14th.

At the conclusion of the pilot this summer, staff will collect feedback about the program and evaluate its success, and will consider expanding mobile vending to other regional park locations in future years.

Kanaka Creek Regional Park – Bioengineering Helps Protects Streambank

Metro Vancouver Regional Parks and the Department of Fisheries and Oceans worked together to install a live brush mattress at Kanaka Creek Regional Park. The project was aimed at stabilizing and protecting an eroding section of streambank near the Kanaka Creek Fish Fence. This bioengineering technique is capable of resisting high velocity flows by absorbing and dissipating the river's erosive forces, and by trapping sediment.

Crews harvested 10,000 willow cuttings from various regional parks, then used those live (but dormant) cuttings over rip-rap on the exposed streambank. The thick mat of cuttings was held in place with stakes and twine, then covered with soil. The resulting structure offers additional protection for the bank, provides vegetation that improves slope stability, and enhances the habitat and water quality of Kanaka Creek.



Live brush mattress at Kanaka Creek Regional Park

Burns Bog Ecological Conservancy Area – Public Tours

This spring marked the 20th anniversary of the establishment of the Burns Bog Ecological Conservancy Area. To celebrate the occasion, Regional Parks hosted eight public tours of the bog over the course of two weekends in June. Although tours were kept small because of safety and to limit impact to this sensitive ecosystem, it was a unique opportunity for people to experience a site that is usually closed to them.

Tours focused on learning about past and present impacts on the bog, such as peat extraction and fire, and on seeing the flora that is uniquely adapted to bog life. Highlights included finding sundew, a carnivorous bog plant, and being serenaded by trumpeting Sandhill Cranes. Participants were delighted to learn about this site that they had only previously driven past on the highway. Some attended to check off the one regional park they'd never been able to visit.



Park interpretation at Burns Bog Ecological Conservancy Area

The final tour was comprised of participants invited by the Metro Vancouver Regional Parks Foundation. It was an opportunity for board members, funders, and volunteers committed to other bogs in the parks system to learn, network, and celebrate bogs.



Tour at Burns Bog Ecological Conservancy Area

Putting on a tour for a closed site has a number challenges. Staff from Visitor Services, Operations, and Natural Resource Management all contributed time and expertise to make these tours a success.

ATTACHMENTS

1. Regional Parks Committee 2024 Work Plan

REFERENCES

1. [Alcohol Consumption in Regional Parks Pilot Program](#)
2. [Park Fire Danger Ratings, Restrictions and Closures](#)

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Regional Parks Committee 2024 Work Plan

Report Date: July 9, 2024

Priorities

1 st Quarter	Status
Regional Parks Committee Priorities and 2024 Work Plan	Completed
Regional Parks Land Dedication Bylaw	Completed
Cape Roger Curtis Engagement Process and Rezoning – Update	Completed
Pilot Program to Permit Alcohol Consumption in Regional Parks	Completed
Regional Parks Real-Time Parking Availability Program	Completed
Mobile Vending Pilot Project	Completed
Belcarra South Picnic Area Revised Plan	Completed
2 nd Quarter	
Regional Greenways Plan Implementation Updates	Completed
Pacific Spirit Regional Park - Wreck Beach Update	Completed
Regional Parks Community Involvement Update	Completed
Cultural Planning and Cooperation Agreement Update	Completed
Regional Parks Annual Report 2023	Completed
Kiosk Information Panels Review	Completed
Metro Vancouver Regional District Filming Update	Completed
Metro Vancouver Regional District Consumption of Liquor in Regional Parks Bylaw	Completed
Metro Vancouver Regional District Regional Parks Regulation Amendment Bylaw	Completed
Cape Roger Curtis Update	Completed
Regional Parks Committee Tour of Regional Parks	Completed
3 rd Quarter	
Draft 2025 - 2029 Capital Plan Overview	Pending
Regional Parks Nature Access Program	Pending
Natural Resource Management Program Stewardship Program Update	Pending
Metro Vancouver Regional Parks Foundation Update	Pending
Natural Asset Management Update	Pending
Metro Vancouver 10 Year Salmon Enhancement Action Plan Update	Pending
Kanaka Education and Environmental Partnership Society (KEEPS) Contribution Agreement and Presentation	Pending
Pacific Spirit Park Society Contribution Agreement and Presentation	Pending
4 th Quarter	
2025 - 2029 Five Year Financial Plan and 2025 Budget and Annual Rates	Pending
Regional Parks Development Cost Charge Program Update	Pending

MVRD Fees and Charges Amendment Bylaw	Pending
Regional Parks Asset Management Plan	Pending
Regional Parks Building Strategy	Pending
Regional Parks Regulation and Compliance Program Update	Pending
Repeal and Replace Regional Parks Regulation Bylaw	Pending
Sponsorship in Regional Parks Policy	Pending
Centennial Beach Concession Building / Services Review	Pending
Metro Vancouver Regional Parks Foundation Update	Pending
Regional Parks Public Programming Strategy Implementation Update	Pending

Status = Pending, In Progress or Completed



To: Regional Parks Committee

From: Harji Varn, General Manager, Financial Services
Chief Financial Officer

Date: July 10, 2024

Meeting Date: July 17, 2024

Subject: **Metro Vancouver's 2024 Financial Performance Report No. 1**

The Metro Vancouver 2024 Financial Performance Report No. 1 is the first of three financial performance and forecast reports for 2024, and it includes forecasts to the end of 2024, procurement activity, treasury, continuous improvement reporting, and progress on delivering the Board's Strategic Priorities.

The attached report was provided to the Finance Committee at its June 19, 2024 meeting and is presented to the Regional Parks Committee for information.

Regional Parks details are highlighted below for ease.

Operating Results – Regional Parks

Regional Parks has a year-to-date surplus of \$0.76 million with a projected surplus of \$3.6 million by year-end.

- Year-to-date revenues were under budget by \$1.72 million largely due to less reserve usage from delays to reserve-funded projects in the capital maintenance program. These are anticipated to be largely on target by end of the year.
- Year-to-date expenditures for the Parks were \$2.48 million lower than budget largely due to delayed capital maintenance underspend which will take place in Q2 and Q3, and an underspend in centralized administration costs.
- By year-end, overall expenditures are expected to be under budget by \$4.6 million as a result of a deferred budget allotment for ongoing litigation with kʷikʷəłəm (Kwikwetlem First Nation) and implementation of compensation funds related to the Trans Mountain Expansion Project, staff vacancies, and a deferred capital maintenance spend.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Metro Vancouver Regional District						
Regional Parks						
Revenues	\$ 85,683,837	\$ 84,653,837	\$ (1,030,000)	\$ 3,278,719	\$ 1,558,047	\$ (1,720,672)
Expenditures	85,683,837	81,042,058	4,641,779	27,757,591	25,276,624	2,480,967
Surplus (Deficit)	\$ -	\$ 3,611,779	\$ 3,611,779	\$ (24,478,872)	\$ (23,718,577)	\$ 760,295

Capital Expenditures Program – Regional Parks

Regional Parks is forecasted to spend \$30.8 million (96%) of the \$32.0 million projected capital cash flow in the 2024 Budget. Capital development expenditures are expected to increase significantly over the summer months with construction on several major projects scheduled to begin, including

Baden-Powell Trail Improvements, Campbell Valley Greenway extension, Widgeon Marsh Park Development, and the təmtə́míxʷtən/Belcarra South Picnic Area redevelopment.

Although timing of expenditures with respect to land acquisition is dependent on availability and market conditions, directed funds are expected to be fully expended by end of the year with several acquisitions in progress.

Regional Parks

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Capital Development	\$ 12.0M	\$ 10.8M	\$ 1.2M
Parkland Acquisition	20.0M	20.0M	-
Total	\$ 32.0M	\$ 30.8M	\$ 1.2M

ATTACHMENTS

1. Metro Vancouver 2024 Financial Performance Report No. 1

69277458

To: Finance Committee

From: Harji Varn, General Manager, Financial Services
Chief Financial Officer

Date: June 12, 2024

Meeting Date: June 19, 2024

Subject: **Metro Vancouver's 2024 Financial Performance Report No. 1**

RECOMMENDATION

That the MVRD Board receive for information the report dated June 12, 2024 titled "Metro Vancouver's 2024 Financial Performance Report No. 1".

EXECUTIVE SUMMARY

The Metro Vancouver 2024 Financial Performance Report No. 1 is the first of three financial performance and forecast reports for 2024, and it includes forecasts to the end of 2024, procurement activity, treasury, continuous improvement reporting, and progress on delivering the Board's Strategic Priorities. It is forecasted that for 2024, operating surplus to budget will be \$9.2 million (0.8% of the \$1.2 billion budget). This is resulting from anticipated surpluses in Water Services (\$3.5 million), Liquid Waste Services (\$1.0 million), Metro Vancouver Housing (\$1.4 million) and Regional District Services (\$5.7 million), primarily due to higher water sales revenues, delays in filling staff vacancies and less spending on consulting and contracting services from project delays, and lower debt service costs due to less borrowing. These surpluses are offset by a projected deficit in Solid Waste Services (\$2.4 million) due to increased contingency disposal costs.

At this point in the year, it is forecasted that for 2024, capital expenditures will be approximately 75% of the \$1.4 billion cash flow. Although spending to date is approximately 10%, or \$130M of the total planned spending of \$1.4 billion, a significant ramp up in construction and related spending is expected for major projects moving into construction phases, such as the Annacis Water Supply Tunnel, North Shore Wastewater Treatment Plant Program, Second Narrows Water Supply Tunnel, Widgeon Marsh Park Development and housing development projects including Heather Place B, Kingston Gardens and Salal Landing.

As a result of lower capital spending than targeted, long-term borrowing for 2024 is anticipated to be \$350 million versus \$482 million as planned. Investment returns are averaging 4.51% and are expected to remain favorable in the current high interest environment as maturing investments are reinvested in higher yielding products. Cash flow projections are on target and remain positive.

For the first quarter of 2024, procurement activity included 4 awards approved by the Board with a value of \$72.1 million, which is 81% of the total value of awarded contracts in the first quarter.

There are currently 140 continuous improvement initiatives underway that will continue to advance the Board's Strategic Priorities.

PURPOSE

To present the Finance Committee and MVRD Board with the Metro Vancouver 2024 Financial Performance Report No. 1, including forecasts to the end of 2024, procurement activity, treasury and continuous improvement reporting.

BACKGROUND

As per the Terms of Reference, the Finance Committee is a standing committee of the Metro Vancouver Board that monitors Metro Vancouver's financial management, providing advice and recommendations on financial matters, as well as reviewing periodic and annual financial results and providing oversight on the annual audit. The Metro Vancouver 2024 Financial Performance Report No. 1 is the first of three financial performance and forecast reports for 2024, and is intended to support the Finance Committee with their monitoring and oversight role and is focused on the annual forecast and overall financial health of the organization. The report highlights any major risks, opportunities, and seeks to enhance the annual budget process.

HIGHLIGHTS

Operating Results

On a net surplus basis, at this point in the year, it is expected that the year-end operating surplus to budget will be \$9.2 million or 0.8% of the total \$1.2 billion operating budget. This is resulting from anticipated surpluses in Water (\$3.5 million), Liquid Waste (\$1.0 million), Metro Vancouver Housing (\$1.4 million) and Regional District Services (\$5.7 million), primarily due to higher water sales revenues, overall staffing vacancies and less spending on consulting and contracting services from project delays, and lower debt service costs due to less borrowing. These surpluses are offset by projected deficits in Solid Waste (\$2.4 million) due to increased contingency disposal costs.

Water Services

	2024 Budget	Year-end Forecast	Projected Variance
Revenues	\$ 374.5M	\$ 379.2M	\$ 4.7M
Expenditures	374.5M	375.7M	(1.2M)
Surplus (Deficit)	\$ -	\$ 3.5M	\$ 3.5M

For Water Services, the year-end surplus projection for 2024 is \$3.5 million, which is a result of higher than expected revenues of \$4.7 million, primarily due to higher than expected water sales resulting from more year to date water sales and higher than estimated water sales in the peak months due to expected warmer summers. However, the projection for water sales is subject to change based on actual weather patterns. The higher than forecasted revenues are offset by higher than expected expenditures of \$1.2 million primarily due to higher contracting and consulting costs within water supply program.

Liquid Waste Services

	2024 Budget	Year-end Forecast	Projected Variance
Revenues	\$ 485.8M	\$ 483.9M	\$ (1.9M)
Expenditures	485.8M	482.9M	2.9M
Surplus (Deficit)	\$ -	\$ 1.0M	\$ 1.0M

For Liquid Waste Services, the year-end surplus projection for 2024 is \$1.0 million. Revenues are expected to be lower than budget with a shortfall of \$1.9 million primarily due to less than projected DCC reserve usage to fund growth debt servicing as a result of delays in growth projects. With respect to expenditures, Liquid Waste Services is projected to be underspent by \$2.9 million primarily resulting from lower debt service costs related to less borrowing and underspends in operations and maintenance.

Solid Waste Services

	2024 Budget	Year-end Forecast	Projected Variance
Revenues	\$ 142.4M	\$155.7M	\$ 13.3M
Expenditures	142.4M	158.1M	(15.7M)
Surplus (Deficit)	\$ -	\$ (2.4M)	\$ (2.4M)

For Solid Waste Services, the year-end deficit projection for 2024 is \$2.4 million. Although there are higher than expected revenues of \$13.3 million due to more waste flows along with additional commercial organics, this is offset by higher forecasted costs of \$15.7 million, primarily related to increased contingency disposal costs.

Metro Vancouver Housing

	2024 Budget	Year-end Forecast	Projected Variance
Revenues	\$ 60.3M	\$ 61.0M	\$ 0.7M
Expenditures	52.2M	51.5M	0.7M
Surplus (Deficit)	\$ 8.1M	\$ 9.5M	\$ 1.4M

For Metro Vancouver Housing, the year-end surplus projection for 2024 is \$1.4 million, which is a result of higher projected revenues of \$0.7 million related to slightly higher than projected rents and lower than expected expenditures of \$0.7 million related to delays in filling staffing vacancies and spending on material and supplies.

Regional District Services

	2024 Budget	Year-end Forecast	Projected Variance
Revenues	\$ 143.1M	\$ 141.5M	\$ (1.6M)
Expenditures	143.1M	135.8M	7.3M
Surplus (Deficit)	\$ -	\$ 5.7M	\$ 5.7M

For Regional District Services, the year-end surplus projection for 2024 is \$5.7 million. There are slightly lower than forecasted revenues of \$1.6 million primarily due to less reserve usage because of delays to reserve funded projects for Regional Parks and lower than expected permit fee revenues (\$200,000) in the Air Quality and Climate Action Function. Expenditures are expected to be lower than budget by \$7.3 million, which is mostly attributed to delays in filling staffing vacancies across the Regional District Services and litigation delays.

Capital Expenditures Program

At this point in the year, the total forecasted capital spend for 2024 is approximately 75% of the projected \$1.4 billion capital cash flow in the 2024 Budget. This is a higher spend compared to previous years due to the anticipated construction advancement in major projects as they move into the construction phase such as the Annacis Water Supply Tunnel, NSWWTP, Second Narrows Water Supply Tunnel Widgeon Marsh Park Development and Metro Vancouver Housing development projects.

Water Services

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Water Mains	\$ 312.6M	\$ 256.2M	\$ 56.4M
Pump Stations	46.5M	29.3M	17.2M
Reservoirs	23.9M	23.6M	0.3M
Treatment Plants	25.1M	16.6M	8.5M
Others	16.7M	8.5M	8.2M
Total	\$ 424.8M	\$ 334.2M	\$ 90.6M

Water Services is forecasted to spend \$334.2 million (79%) of the \$424.8 million projected capital cash flow in the 2024 Budget. The ramp up of expected spend is a result of increasing construction activities, for major projects including: Coquitlam Main No. 4, Second Narrows Water Supply Tunnel and Annacis Water Supply Tunnel. In addition, there are construction activities underway for Central Park Main, Kennedy Newton Main and Fleetwood Reservoir which is increasing the forecasted capital spends for 2024.

Liquid Waste Services

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Collections	\$ 167.9M	\$ 157.2M	\$ 10.7M
Treatment Plants	613.3M	477.4M	135.9M
Total	\$ 781.2M	\$ 634.6M	\$ 146.6M

Liquid Waste Services is forecasted to spend \$634.6 million (81%) of the \$781.2 million projected capital cash flow in the 2024 Budget. Although there are some delays related to the ground improvements work at the NLWWTP, there is an expected increase in forecasted spend in 2024 for Liquid Waste Services primarily due to anticipated construction advancement of the NSWWTP program. In addition, there is construction at Annacis Outfall System, Gilbert Brighthouse Trunk Pressure Sewer Twinning and Burnaby Lake North Interceptor which is expected to increase the confidence in the forecasted spend.

Solid Waste Services

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Landfills	\$ 3.9M	\$ 1.1M	\$ 2.8M
Recycling and Waste Centres	5.1M	3.8M	1.3M
Waste to Energy Facilities	45.1M	15.1M	30.0M
Total	\$ 54.1M	\$ 20.0M	\$ 34.1M

Solid Waste Services is forecasted to spend \$20.0 million (37%) of the \$54.1 million projected capital cash flow in the 2024 Budget. The forecasted spend is lower than initially projected as a result of longer than expected timelines to initiate construction on various capital projects. Contributing factors include longer than expected timelines to develop municipal agreements for infrastructure projects, additional permitting steps not initially anticipated. A number of projects are near to initiating construction, and as such the expectation is that 2025 capital spends will be more aligned with projections.

Metro Vancouver Housing

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Development Capital	\$ 108.2M	\$ 72.2M	\$ 36.0M
Building Rehabilitation	23.1M	16.4M	6.7M
Total	\$ 131.3M	\$ 88.6M	\$ 42.7M

Metro Vancouver Housing is forecasted to spend \$88.6 million (67%) of the \$131.3 million capital cash flow in the 2024 Budget. Although there are some delays related to housing developments projected due to delays in permitting and agreements with MVHC's partners, there is an expected construction ramp up for development projects in the latter part of the year including: Heather Place B, Kingston Gardens and Salal Landing.

Regional Parks

	2024 Capital Cash Flow	2024 Forecasted Expenditures	Projected Variance
Capital Development	\$ 12.0M	\$ 10.8M	\$ 1.2M
Parkland Acquisition	20.0M	20.0M	-
Total	\$ 32.0M	\$ 30.8M	\$ 1.2M

Regional Parks is forecasted to spend \$30.8 million (96%) of the \$32.0 million projected capital cash flow in the 2024 Budget. Capital development expenditures are expected to increase significantly over the summer months with construction on several major projects scheduled to begin, including Baden-Powell Trail Improvements, Campbell Valley Greenway extension, Widgeon Marsh Park Development, and the təmtə́míxʷtən/Belcarra South Picnic Area redevelopment.

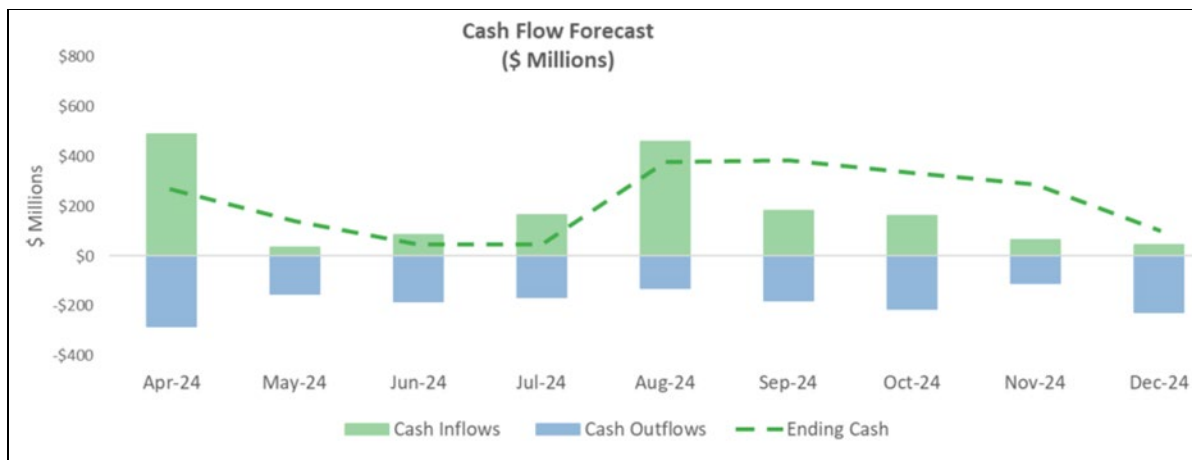
Although timing of expenditures with respect to land acquisition is dependent on availability and market conditions, directed funds are expected to be fully expended by end of the year with several acquisitions in progress.

Treasury Results

As a result of the capital underspends, the total forecasted borrowing for 2024 is \$350 million, which is less than the budgeted \$482 million. Furthermore, the MFA long-term borrowing rate for the 2024 Spring borrowing was 4.4%, which is lower than the Fall 2023 rate of 4.97% indicating a softening in long-term interest rates.

Figure 1 below provides the cash flow forecast for Metro Vancouver from March 2024 to December 2024. Treasury is continuously reviewing cash and reserve balances to ensure adequate liquidity to sustain operations and managing risk while also making efficient use of its cash.

Figure 1. Metro Vancouver Cash Flow Forecast for March – December 2024



The average investment returns as of April 2024 have increased since December 2023, to 5.53% for short-term and 4.17% for long-term. As interest rates are expected to decline, Metro Vancouver's rate of return is expected to remain favourable because matured investments in 2023 were reinvested with higher yielding products or held in cash to take advantage of high-interest savings account rates. Currently, the total estimated weighted average annualized return is 4.51%.

Procurement

The tables below provide: a) the number of awards of contracts that have been awarded by the Metro Vancouver Board and b) the value of contracts awarded by the Metro Vancouver Board and those that are less than \$5 million (which are not awarded by the Board in accordance with Board approved procurement policies). It is expected that procurement activity will increase with respect to the number of awards as well as the value due to the significant 2024 capital program.

Table 1. Number of Contracts Awarded by the Metro Vancouver Board

Award Type	2024 Q1	2023	2022	2021
MV Board Awarded	4	16	20	25
Less than \$5 Million	10	51	53	51
Total	14	67	73	76

Table 2. Value of Contract Awarded by the Metro Vancouver Board and Those Less Than \$5M

Award Type	2024 Q1	2023	2022	2021
MV Board Awarded	\$ 72,134,299	\$465,895,019	\$434,664,449	\$798,139,628
Less than \$5 Million	\$ 17,234,419	\$71,980,936	\$ 89,019,028	\$ 92,545,559
Total	\$ 89,368,718	\$537,875,955	\$523,683,477	\$890,685,187

Continuous Improvement

There are currently 140 continuous improvement projects underway across the organization. Continuous improvement is a core value for the organization and is intended to enhance efficiencies and deliver better service internally and externally. The table below highlights completed continuous improvement projects and how they align with Board priorities.

Table 3. Select Completed Continuous Improvement Projects and Alignment with Board Strategic Plan

Highlighted Select Completed Continuous Improvement Projects			
Department/ Project Title	Board Priority	Description	Outcomes
Liquid Waste: LIWWTP Renewable Natural Gas	<ul style="list-style-type: none"> Financial Sustainability & Affordability Climate Action 	Process to upgrade digester gas to renewable natural gas for sale to Fortis BC	<ul style="list-style-type: none"> New GVS&DD revenue stream Renewable natural gas available for decarbonization for Fortis customers Estimated \$0.9 M annual income; 2,200 tonnes of GHG reduction
Liquid Waste: LIWWTP Digestion Optimization- Phase 1 Testing	<ul style="list-style-type: none"> Financial Sustainability & Affordability Climate Action 	Platform for testing alternative sludge treatment approaches	<ul style="list-style-type: none"> Intensification tests indicate existing digesters can serve larger populations to defer costly capacity expansions. Future tests will evaluate ways to increase production of low-carbon biofuels.
Invest Vancouver: Collaboration	<ul style="list-style-type: none"> Resilient Services & Infrastructure 	Partner collaboration	<ul style="list-style-type: none"> Identified synergies with partners to help promote the region and attract foreign direct investment
Liquid Waste: Flush Truck	<ul style="list-style-type: none"> Financial Sustainability & Affordability 	New recycling technology	<ul style="list-style-type: none"> Reduce water consumption, labour, fuel, and disposal costs resulting in estimated \$0.3M annual savings

Appendix 1 provides more detailed information on Metro Vancouver's financial performance.

ALTERNATIVES

This report is provided for information; no alternatives are presented.

FINANCIAL IMPLICATIONS

The Metro Vancouver 2024 Financial Performance Report No. 1 indicates that Metro Vancouver anticipating an operating surplus to budget of \$9.2 million for 2024 and a capital spend approximately 75% of the \$1.4 billion approved capital cash flow in the 2024 Budget. Staff will continue to monitor the financial performance including reporting on treasury, procurement and continuous improvement on monthly basis and report back to the Finance Committee and Board in 2024 in Quarter 3 and Quarter 4.

CONCLUSION

This report provides the first report for 2024 on the financial performance of Metro Vancouver. It is forecasted that Metro Vancouver will have a \$9.2 million operating surplus to budget for 2024. Staff will continue to monitor the financial performance including reporting on treasury, procurement and continuous improvement on monthly basis and report back to the Finance Committee in 2024 in Quarter 3 and Quarter 4.

ATTACHMENTS

1. Metro Vancouver 2024 Financial Performance Report No. 1

METRO VANCOUVER 2024 FINANCIAL PERFORMANCE REPORT No. 1

Estimated Financial Forecast to December 31, 2024







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INTRODUCTION

This report presents first of three Financial Performance Reports for fiscal 2024. This report combines the financial performance and annual forecast information of Metro Vancouver's four legal entities: Greater Vancouver Water District, Greater Vancouver Sewerage and Drainage District, Metro Vancouver Housing Corporation, and Metro Vancouver Regional District.

FINANCIAL PERFORMANCE AT A GLANCE

	Trend	Commentary
Operating Results		For the four months ended April 30, 2024, operating results indicate a surplus of \$23.2M. Operating expenditures are at 92% of the year-to-date (YTD) expected budget or 25% of the annual budget (\$298.5M out of \$1.2B). YTD revenues are slightly lower than budget by \$2.8M (1.9% of YTD budget). As approved budgeted spending and projects ramp up throughout the remainder of the year, the projected year-end operating surplus to budget is \$9.2M (0.8% out of \$1.2B). This surplus is mainly driven from higher than anticipated revenues of \$15.2M, primarily due to higher water sales and tipping fees, offset by \$6.0M higher expenditures, largely from projected increased contingency disposal costs in Solid Waste, offset by overall less spending on consulting and contracting services from project delays, and lower debt service costs due to less borrowing.
Capital Expenditures		Capital expenditures as of April 30, 2024 are \$131.3M or 10% of total planned spending of \$1.4B annual capital cash flow. However, by year-end, capital expenditures are projected to be approximately 75% of the total \$1.4B annual capital cash flow. A significant ramp up in construction and related spending is expected for the major projects moving into construction phases, such as the Annacis Water Supply Tunnel, NSWWTP, Second Narrows Water Supply Tunnel, Widgeon Marsh Park Development and Metro Vancouver Housing development projects (Heather Place B, Kingston Gardens and Salal Landing).
Awarded Procurement		4 awards were approved by the Board with a value of \$72.1M, which is 81% of the total value of awarded contracts in the first quarter.
Cash Flow Scenarios		Projected annual cash balance remains positive, however indicates a decline in cash due to less borrowing and lower capital spending than targeted.
Investments		The latest report on investments indicated an estimated weighted average annualized return of 4.46%.
Financial Indicators		The ratios indicate a sufficient position to pay off current liabilities and debt servicing is less than budgeted.

OPERATING RESULTS

Overall Operating Surplus to Budget

As of April 30, 2024, Metro Vancouver's year-to-date operating surplus to budget is at \$23.2 million. As the year progresses and approved budgeted spending ramps up, the projected year-end surplus to budget is \$9.2 million (0.8% of the \$1.2 billion budget) by the end of the year. This resulting from anticipated year-end surpluses in Water Services (\$3.5 million), Liquid Waste Services (\$1.0 million), Housing (\$1.4 million) and Regional District Services (\$5.7 million) primarily due to higher water sales revenues, overall staffing vacancies and less spending on consulting and contracting services from project delays, and lower debt service costs due to less borrowing. These surpluses are offset by a projected deficit in Solid Waste Services (\$2.4 million) due to increased contingency disposal costs.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Greater Vancouver Water District	\$ -	\$ 3,474,031	\$ 3,474,031	\$ (5,477,234)	\$ 185,426	\$ 5,662,660
Greater Vancouver Sewerage						
Liquid Waste Services	-	1,010,594	1,010,594	(126,190,525)	(116,164,033)	10,026,492
Solid Waste Services	-	(2,377,054)	(2,377,054)	2,420,108	2,399,548	(20,560)
Metro Vancouver Housing Corporation	8,053,663	9,473,139	1,419,476	455,233	3,671,790	3,216,557
Metro Vancouver Regional District	-	5,679,351	5,679,351	(40,348,150)	(36,074,841)	4,273,309
	<u>\$ 8,053,663</u>	<u>\$ 17,260,061</u>	<u>\$ 9,206,398</u>	<u>\$ (169,140,568)</u>	<u>\$ (145,982,110)</u>	<u>\$ 23,158,458</u>

Key drivers related to the surpluses are highlighted in the following schedules.

Operating Budget Summary

Metro Vancouver Operating Budget Summary Four Months Ended April 30, 2024							
	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	% Actuals to YTD Budget	Year-to-date Variance
REVENUES							
Key Service Revenues							
Water Sales	\$ 367,535,244	\$ 372,735,244	\$ 5,200,000	\$ 81,102,155	\$ 82,734,559	102%	\$ 1,632,404
Liquid Waste Services Levy	389,498,103	389,498,103	-	-	-	0%	-
Solid Waste Tipping Fees	132,115,288	145,172,977	13,057,689	44,038,416	45,758,511	104%	1,720,095
Metro Vancouver Regional District Requisitions	113,604,713	113,178,691	(426,022)	-	-	0%	-
Housing Rents	45,207,881	45,493,252	285,371	15,069,328	15,169,095	101%	99,767
	<u>1,047,961,229</u>	<u>1,066,078,267</u>	<u>18,117,038</u>	<u>140,209,899</u>	<u>143,662,165</u>	<u>102%</u>	<u>3,452,266</u>
Other Revenues	49,122,537	50,164,322	1,041,785	9,821,359	7,030,643	72%	(2,790,716)
Reserve Transfers	109,028,342	105,076,998	(3,951,344)	5,388,796	1,835,074	34%	(3,553,722)
TOTAL REVENUES	\$ 1,206,112,108	\$ 1,221,319,587	\$ 15,207,479	\$ 155,420,054	\$ 152,527,883	98%	\$ (2,892,171)
EXPENDITURES							
Greater Vancouver Water District	\$ 374,463,930	\$ 375,685,829	\$ (1,221,899)	\$ 87,563,961	\$ 83,367,508	95%	\$ 4,196,453
Greater Vancouver Sewerage and Drainage District							
Liquid Waste Services	485,831,252	482,928,102	2,903,150	128,645,561	118,389,535	92%	10,256,026
Solid Waste Services	142,411,329	158,116,072	(15,704,743)	45,050,320	44,079,380	98%	970,940
Metro Vancouver Housing Corporation	52,266,690	51,523,630	743,060	18,238,651	12,796,755	70%	5,441,896
Metro Vancouver Regional District							
Regional Parks	85,683,837	81,042,058	4,641,779	27,757,591	25,276,624	91%	2,480,967
Air Quality	16,113,207	15,295,686	817,521	4,822,601	4,214,287	87%	608,314
Other Regional Services	41,288,200	39,468,149	1,820,051	12,481,937	10,385,905	83%	2,096,032
TOTAL EXPENDITURES	\$ 1,198,058,445	\$ 1,204,059,526	\$ (6,001,081)	\$ 324,560,622	\$ 298,509,993	92%	\$ 26,050,629
SURPLUS (DEFICIT)	\$ 8,053,663	\$ 17,260,061	\$ 9,206,398	\$ (169,140,568)	\$ (145,982,110)		\$ 23,158,458

- Overall revenues at April 30, 2024 are lower than budget by \$2.8M (1.9% of YTD budget) due to lower energy revenues and other revenues. The reduction is anticipated to be temporary and is offset by higher than anticipated system waste flows and higher water consumption. Reserve transfers for funding Housing and Parks capital replacement and maintenance programs were \$3.6M lower than anticipated due to seasonality of the projects and will be on budget by end of the year. It is anticipated that the trend for higher system waste flows and water consumption will continue and overall revenues are projected to be \$15.2M higher than budget.
- Overall expenditures at April 30, 2024, are at 92% of the year-to-date expected budget or 25% of the annual budget (\$298.5M out of \$1.2B). Key factors contributing to lower expenditures than budget include staff vacancies, deferred operating projects, and seasonality of expenditures. As the year progresses, it is anticipated that landfill costs and operations and maintenance program costs will be higher than budget. This variance is mitigated by lower than anticipated debt service costs. By year-end, overall expenditures are projected to be over budget by \$6M or 0.50% of annual budget.
- Based on current forecasts, the year-end surplus to budget is projected to be \$9.2M (0.8% of the \$1.2 billion budget) higher than budget.

Operating Surplus Analysis by Entity

Four Months Ended April 30, 2024

Water Services had a YTD surplus of \$5.7M with a projected surplus of \$3.5M by year-end.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Greater Vancouver Water District						
Revenues	\$ 374,463,930	\$ 379,159,860	\$ 4,695,930	\$ 82,086,727	\$ 83,552,934	\$ 1,466,207
Expenditures	374,463,930	375,685,829	(1,221,899)	87,563,961	83,367,508	4,196,453
Surplus (Deficit)	\$ -	\$ 3,474,031	\$ 3,474,031	\$ (5,477,234)	\$ 185,426	\$ 5,662,660

- Water sales are currently \$1.6M higher than budget and are projected to exceed budget by \$5.2M by year-end as the higher trend is expected to continue throughout the summer months. However, the projection for water sales is subject to change based on actual weather patterns for the remainder of the year. Higher water sales are expected to be offset by lower reserve revenues by close to \$500K, leading to a net projected revenue surplus by year-end of \$4.7M. The \$500K under for reserves is largely tied to less projected reserve usage than planned due to delayed projects and related underspends.
- Year-to-date expenditures are \$4.2M below budget, primarily in the operations and maintenance program of \$1.9M, policy and planning project work of \$0.7M, and other operating programs of \$1.6M.
- Expenditure projections to indicate \$1.2M over budget by year-end, largely in the operations and maintenance program (contracting, consulting and professional) of \$3M and minor capital work of \$1M. This is offset by lower than expected debt servicing costs of \$1.2M and approximately \$1.6M lower expenditures in several other operating and allocated programs, largely due to vacancies where position recruitments are underway and in consulting due to delays in project work.

Liquid Waste Services had a YTD surplus of \$10M with a projected surplus of \$1M by year-end.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Greater Vancouver Sewerage and Drainage District						
Liquid Waste Services						
Revenues	\$ 485,831,252	\$ 483,938,696	\$ (1,892,556)	\$ 2,455,036	\$ 2,225,502	\$ (229,534)
Expenditures	485,831,252	482,928,102	2,903,150	128,645,561	118,389,535	10,256,026
Surplus (Deficit)	\$ -	\$ 1,010,594	\$ 1,010,594	\$ (126,190,525)	\$ (116,164,033)	\$ 10,026,492

- Year-to-date revenues are in a slight budget shortfall of \$0.2M primarily due to the delayed receipt of user fees. By year end, revenues are expected to be lower than budget with a shortfall of \$1.9 million primarily due to less than projected DCC reserve usage to fund growth debt servicing as a result of delays in growth projects.
- Year-to-date expenditures are \$10.3M lower than budget primarily related to deferred or delayed operating costs (such as contract, consulting, professional and salary underspends due to staff vacancies currently being recruited) in a number of core programs, such as operations and maintenance (\$6.9M), Environmental Management Quality Control (\$1.0M), Project Delivery and allocated costs (\$1.2M) and Policy and Planning (\$1.2M).

- Overall expenditures by year-end are projected \$2.9M lower than budget primarily from lower debt service costs related to less borrowing and underspends in operations and maintenance.
- With projected underspend of \$2.9M in expenditures and slight shortfall in revenue of \$1.9M, the overall year-end forecasted surplus is \$1.0M.

Solid Waste Services was on budget at April 30, with a projected deficit of \$2.4M by year-end.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Greater Vancouver Sewerage and Drainage District						
Solid Waste Services						
Revenues	\$ 142,411,329	\$ 155,739,018	\$ 13,327,689	\$ 47,470,428	\$ 46,478,929	\$ (991,499)
Expenditures	142,411,329	158,116,072	(15,704,743)	45,050,320	44,079,380	970,940
Surplus (Deficit)	\$ -	\$ (2,377,054)	\$ (2,377,054)	\$ 2,420,108	\$ 2,399,548	\$ (20,560)

- Revenues were \$1M under budget driven primarily by equipment failure at the Waste-to-Energy facility. It is anticipated that the claim from business interruption will be resolved by the end of the year. This was offset by lower contracted costs at the Waste-to-Energy facility as it relates to this energy conversion program.
- Economic recovery and regional growth following the pandemic continues to contribute to an expectation of increases in waste quantities in 2024. As a result, higher waste flows along with additional commercial organics are expected to drive tipping fees revenues \$13.3M greater than budget.
- Expenditures by year-end are projected to be higher by \$15.7M mainly due to increased contingency disposal, offset by lower contracted services costs at the Waste-to-Energy Facility, deferral of alternative fuel pilot project costs, and timing of capital expenditures resulting in lower debt costs.

The **Metro Vancouver Housing Corporation** had a YTD surplus of \$3.2M with a projected surplus of \$1.4M by year-end.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Metro Vancouver Housing Corporation						
Revenues	\$ 60,320,353	\$ 60,996,769	\$ 676,416	\$ 18,693,884	\$ 16,468,545	\$ (2,225,339)
Expenditures	52,266,690	51,523,630	743,060	18,238,651	12,796,755	5,441,896
Surplus (Deficit)	\$ 8,053,663	\$ 9,473,139	\$ 1,419,476	\$ 455,233	\$ 3,671,790	\$ 3,216,557

- For the first four months, revenues were \$2.2M lower than anticipated due to reduced reserve transfers for funding Housing capital replacement and maintenance programs as a result of seasonality of the projects. By year-end, it is anticipated that revenues will be \$0.7M higher than projected, largely from slightly higher rental income.
- Year-to-date expenditures were lower than anticipated by \$5.4M due to delays in maintenance activities and capital replacement and maintenance projects. The expectation is to complete the planned work by the end of 2024.
- The projected year-end net operating surplus to budget of \$1.4M is due to salary vacancies during the first four months and higher than anticipated housing mortgage subsidies.

Metro Vancouver Regional District

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Metro Vancouver Regional District						
Regional Parks						
Revenues	\$ 85,683,837	\$ 84,653,837	\$ (1,030,000)	\$ 3,278,719	\$ 1,558,047	\$ (1,720,672)
Expenditures	85,683,837	81,042,058	4,641,779	27,757,591	25,276,624	2,480,967
Surplus (Deficit)	\$ -	\$ 3,611,779	\$ 3,611,779	\$ (24,478,872)	\$ (23,718,577)	\$ 760,295

Regional Parks had a YTD surplus of \$0.76M with a projected surplus of \$3.6M by year-end.

- Year-to-date revenues were under budget by \$1.72M largely due to less reserve usage due to delays to reserve-funded projects in the capital maintenance program. These are anticipated to be largely on target by end of the year.
- Year-to-date expenditures for the Parks were \$2.48M lower than budget largely due to delayed capital maintenance underspend which will take place in Q2 and Q3, and an underspend in centralized administration costs.
- By year end, overall expenditures are expected to be under budget by \$4.6M as a result of a deferred budget allotment for ongoing litigation with kwikwəłəm (Kwkwetlem First Nation) and implementation of compensation funds related to the Trans Mountain Expansion Project, staff vacancies, and a deferred capital maintenance spend.

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Metro Vancouver Regional District						
Air Quality						
Revenues	\$ 16,113,207	\$ 15,913,207	\$ (200,000)	\$ 989,200	\$ 1,342,834	\$ 353,634
Expenditures	16,113,207	15,295,686	817,521	4,822,601	4,214,287	608,314
Surplus (Deficit)	\$ -	\$ 617,521	\$ 617,521	\$ (3,833,401)	\$ (2,871,453)	\$ 961,948

Air Quality had a YTD surplus of \$0.96M with a projected surplus of \$0.62M by year-end.

- Year-to-date revenues are slightly higher than budget by \$0.35M, largely from the timing of receipt of grant revenues; however, by year-end revenues are projected to have a slight shortfall of \$0.20M due to lower than expected permit fee revenues.
- Year-to-date expenditures were \$0.61M lower than budget primarily due to labour underspends from position vacancies and delayed project consulting work in the first quarter. By year-end, expenditures are projected to be lower than budget by \$0.82M largely from labour underspends due to vacancies (\$0.43M) and underspends for project consulting (\$0.39M).

	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actual	Year-to-date Variance
Metro Vancouver Regional District						
Other Regional Services						
Revenues	\$ 41,288,200	\$ 40,918,200	\$ (370,000)	\$ 446,060	\$ 901,094	\$ 455,034
Expenditures	41,288,200	39,468,149	1,820,051	12,481,937	10,385,905	2,096,032
Surplus (Deficit)	\$ -	\$ 1,450,051	\$ 1,450,051	\$ (12,035,877)	\$ (9,484,811)	\$ 2,551,066

Other Regional Services had a YTD surplus of \$2.6M with a projected surplus of \$1.5M by year-end.

- Overall year-to-date expenditures for Regional Services were \$2.1M lower than budget largely due to lower salary costs from staff vacancies, less spending in consulting and contract services from projects delays than anticipated in the budget.
- By year end, overall expenditures are expected to continue to be under budget by \$1.8M largely due to staff vacancies, timing of hiring for vacant positions, and deferred projects. Revenues are projected to be under budget by \$0.3M primarily due to lower reserve funding for deferred projects, resulting in a projected year-end surplus of \$1.5M.

Other Revenues (supplementary information to Operating Budget Summary)

Metro Vancouver Other Revenues Four Months Ended April 30, 2024							
	Annual Budget	Year-end Forecast	Projected Variance	Year-to-date Budget	Year-to-date Actuals	% Actuals to YTD Budget	Year-to-date Variance
Variable Service Revenues:							
Other External Revenues	\$ 15,231,044	\$ 15,766,616	\$ 535,572	\$ 4,075,505	\$ 3,359,872	82%	\$ (715,633)
Liquid Waste Industrial Charges	13,169,057	13,169,057	-	-	324,074	0%	324,074
User Fees	9,289,531	9,102,249	(187,282)	2,526,482	1,796,691	71%	(729,791)
Energy Sales	6,254,000	6,254,000	-	2,084,668	-	0%	(2,084,668)
Non-Road Diesel Permit Fees	1,316,250	1,316,250	-	526,700	683,928	130%	157,228
Love Food Hate Waste	375,000	375,000	-	125,000	413,070	330%	288,070
Zero Waste Conference	260,000	260,000	-	65,000	-	0%	(65,000)
	45,894,882	46,243,172	348,290	9,403,355	6,577,635	70%	(2,825,720)
Key Service Supplemental Revenues:							
Housing Mortgage Subsidies	1,254,012	1,521,485	267,473	418,004	453,008	108%	35,004
Collective Bargaining Services Revenue	1,061,436	1,061,436	-	-	-	0%	-
Compensation Services Revenue	598,160	598,160	-	-	-	0%	-
Electoral Area Requisition	433,645	433,645	-	-	-	0%	-
Regional Global Positioning System User Fees	306,424	306,424	-	-	-	0%	-
	3,653,677	3,921,150	267,473	418,004	453,008	108%	35,004
Total Other Revenues	\$ 49,548,559	\$ 50,164,322	\$ 615,763	\$ 9,821,359	\$ 7,030,643	72%	\$ (2,790,716)

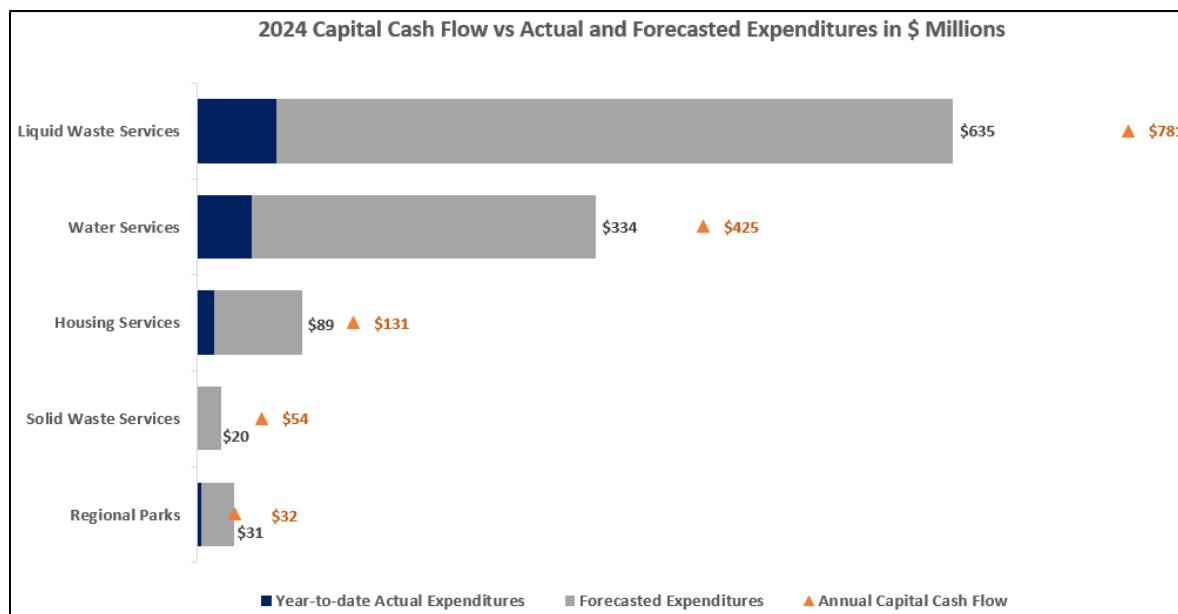
- Other revenues consist of liquid waste industrial charges, user fees, energy sales, permit fees, housing mortgage subsidies, and external revenues. External revenues comprise of leases, grants, and other variable service revenues that tend to fluctuate month over month.
- At April 30, 2024, energy sales were under budget by \$2.1M largely from equipment failure and claim for business interruption insurance for Solid Waste. It is anticipated that the claim will be resolved by end of the year. Revenues are also \$700K lower than budget related to sundry revenues from Solid Waste transfer stations, parking revenue from Parks Central Area, and lease revenue for Water. The variance is expected to be temporary, and revenues are expected to be on budget by end of the year
- Despite the temporary downward trend at April 30, overall other revenues are projected to be \$616K higher than budget by end of the year. This increase is driven by higher than anticipated housing mortgage subsidies, housing facility revenues, with a slight reduction in Air Quality permit fees due to fewer applications.

CAPITAL PROGRAM

Overall Capital Expenditures

At end of April 2024, capital expenditures are \$131.3M, or 10% of the annual cash flows. Significant spending is expected in Liquid Waste and Water Services, nearly 85% of the total cash flows of \$1.4B. By year end, capital expenditures are projected to be approximately 75% of the annual cash flows. This is a higher spend compared to previous years due to the anticipated construction advancement in major projects as they move into the construction phase.

Capital Expenditure at a Glance



Capital Expenditure Summary

Metro Vancouver 2024 Capital Spending Summary For the 4 months ended April 30, 2024						
	Annual Capital Cash Flow	Year-to-date Actual Expenditures	Forecasted Expenditures	Forecasted Expenditures of Annual Cash Flow (%)	Forecasted Expenditures Variance from Annual Cash Flow (\$)	Forecasted Expenditures Variance from Annual Cash Flow (%)
Housing Services						
Development Capital	108,200,000	12,020,047	72,172,412	66.7%	36,027,588	33.3%
Building Rehabilitation	23,134,400	2,194,221	16,467,767	71.2%	6,666,633	28.8%
	131,334,400	14,214,267	88,640,179	67.5%	42,694,221	32.5%
Liquid Waste Services						
Collections	167,942,000	20,866,433	157,160,136	93.6%	10,781,864	6.4%
Treatment Plants	613,292,000	45,542,510	477,425,264	77.8%	135,866,736	22.2%
	781,234,000	66,408,943	634,585,400	81.2%	146,648,600	18.8%
Regional Parks						
Capital Development	11,970,000	1,035,171	10,773,000	90.0%	1,197,000	10.0%
Parkland Acquisition Fund Projects	20,000,000	2,691,800	20,000,000	100.0%	-	0.0%
	31,970,000	3,726,971	30,773,000	96.3%	1,197,000	3.7%
Solid Waste Services						
Landfills	3,850,000	11,442	1,100,000	28.6%	2,750,000	71.4%
Recycling and Waste Centres	5,100,000	410,319	3,800,000	74.5%	1,300,000	25.5%
Waste To Energy Facilities	45,150,000	466,106	15,100,000	33.4%	30,050,000	66.6%
	54,100,000	887,867	20,000,000	37.0%	34,100,000	63.0%
Water Services						
Water Mains	312,615,000	31,862,151	256,240,640	82.0%	56,374,360	18.0%
Pump Stations	46,500,000	5,861,192	29,250,000	62.9%	17,250,000	37.1%
Reservoirs	23,890,000	3,777,474	23,580,000	98.7%	310,000	1.3%
Treatment Plants	25,150,000	3,654,501	16,644,273	66.2%	8,505,727	33.8%
Others	16,700,000	871,392	8,500,000	50.9%	8,200,000	49.1%
	424,855,000	46,026,709	334,214,913	78.7%	90,640,087	21.3%
Total	1,423,493,400	131,264,756	1,108,213,492	77.9%	315,279,908	22.1%

Metro Vancouver Housing (MVHC)

Year-to-date capital expenditures are \$14.2M and are forecasted at \$88.6M (67%) by year-end.

- Although there are currently some in permitting and agreements with MVHC's partners, there is an expected construction ramp up for development projects in the latter part of the year including: Heather Place B, Kingston Gardens, and Salal Landing.

Liquid Waste Services

Year-to-date capital expenditures are \$66.4M with a forecasted spend of \$634.6M by year-end.

- Although there are some delays anticipated for ground improvement works at NLWWTP, design delays at Annacis WWTP (Stage 5 Expansion), and delays in projects starts for Glenbrook Trunk Kingsway Section, Glenbrook Trunk CSO Gates, North Road Trunk Sewer, and AIWWTP Trickling Filter Rehab, there is an expected increase in construction advancement in major projects as, including the NSWWTP project, Iona WWTP, Annacis Outfall System, Gilbert Brighthouse Trunk Pressure Sewer Twinning and Burnaby Lake North Interceptor.

Regional Parks

Year-to-date capital expenditures are \$3.7M and are forecasted at \$30.8M by year end.

- Construction on several major projects is scheduled increase significantly over the summer months with construction on several major projects scheduled to begin, including the Pacific Spirit Regional Park Service Yard replacement, Baden-Powell Trail Improvements, Campbell Valley Greenway extension and Staging area improvements, Widgeon Marsh Phase 1 Park Development, and the Belcarra South Picnic Area redevelopment. Although timing of expenditures with respect to land acquisition is dependent on availability and market conditions, directed funds are expected to be fully expended by end of the year with several acquisitions in progress.

Solid Waste Services

Year-to-date capital expenditures are \$888K and are forecasted at \$20.0M by year-end.

- Delays in spending for 2024 were related to delays in contractor lead projects, delays in expenditure authorizations for contractors, additional permitting steps not initially anticipated, and longer than expected timelines to develop municipal agreements for infrastructure development.

Water Services

Year-to-date capital expenditures \$46M and forecasted at \$334.2M by year-end.

- The ramp up of expected spend is a result of increasing construction and procurement activities for major project including Coquitlam Main No. 4, Second Narrows Water Supply Tunnel and Annacis Water Supply Tunnel. In addition, construction activities are underway for Central Park Main, Kennedy Newton Main, and Fleetwood Reservoir, which is increasing the forecasted capital spends for 2024.

The following schedules provide detailed information on the capital expenditures by project against annual capital cash flow ***as of April 30, 2024.***

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	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Housing Services		
Housing Development - Heather Place - Building B	\$ 19,000,000	\$ 5,279,192
Housing Development - Heather Place - Building C	970,500	4,164
Housing Development - Heron's Nest	25,000,000	153,388
Housing Development - Kingston Gardens - Phase 1	14,000,000	2,189,738
Housing Development - Malaspina	2,000,000	226,940
Housing Development - Projects in Planning	787,010	-
Housing Development - Riverside Drive	742,490	8,180
Housing Development - Salal Landing	15,700,000	2,589,359
Housing Development - The Connection	20,000,000	1,131,944
Housing Development - The Steller	10,000,000	437,142
Development Capital	108,200,000	12,020,047
Housing Development - Crown Manor	350,000	448
Housing Development - Le Chateau Place	846,400	4,908
Housing Development - Manor House	11,000,000	2,188,865
Housing Development - Minato West	5,888,000	-
Housing Development - Somerset Gardens	50,000	-
Housing Development - Strathearn Court	5,000,000	-
Building Rehabilitation	23,134,400	2,194,221
	\$ 131,334,400	\$ 14,214,267

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Liquid Waste Services	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Albert Street Trunk Sewer	\$ 450,000	\$ 11,557
Burnaby Lake North Interceptor Cariboo Section	50,000	-
Burnaby Lake North Interceptor Winston Section	23,890,000	598,025
Burnaby South Slope Interceptor West Branch Extension	200,000	-
Cloverdale Pump Station Capacity Upgrade	370,000	122,933
Cloverdale Trunk Sewer Capacity Upgrade	450,000	66,228
Combined Sewer Overflow Sampling Station Enhancements	400,000	96,557
Drainage - Port Moody Storm Drain Rehabilitation	400,000	7,260
Drainage - Still Creek Culvert Rehabilitation (Gilmore section)	100,000	-
EMQC-Chemistry Laboratory	400,000	18,723
Fraser Sewerage Area Integrated Resource Recovery (IRR) Study	250,000	(6,091)
Front Street Pressure Sewer Access Hatches Reinforcement	1,700,000	358,624
FSA Flow Metering Program	620,000	88,399
FSA River Crossing Scour Protection Program - Phase 1	450,000	9,592
FSA Sewer Relocations and Protections	500,000	-
FSA Statutory Right of Way Acquisitions Phase 1	5,350,000	96,362
Gilbert/Brighouse Trunk Pressure Sewer Twinning Phase 2	1,541,000	1,149,573
Gilbert/Brighouse Trunk Pressure Sewer Twinning Phase 3	18,000,000	2,970,709
Gilbert/Brighouse Trunk Pressure Sewer Twinning Phase 4	18,550,000	5,621,368
Glenbrook Combined Trunk Kingsway Sanitary Section	5,200,000	81,628
Glenbrook CSO Gate Replacement	3,780,000	151,389
Gleneagles Forcemain Replacement Phase 2	2,130,000	50,940
Gleneagles Pump Stations Improvements	6,400,000	3,040,707
Harbour Pump Station Discharge Header Repair and Valve Replacements	4,273,000	54,704
Harbour Pump Station Power Distribution Equipment Replacement	2,107,000	68,120
Harbour Sewerage Pump Station (HRB) - Suction Piping Replacement	200,000	-
Highbury Interceptor Diversion Junction Chamber Wall Rehabilitation	350,000	11,883
Jervis Pump Station 25kV Voltage Conversion	990,000	68,833
Jervis Sewerage Pump Station (JRV) - Suction Piping Replacement and Wet Well Modifications	200,000	-
Kent Pump Station High Voltage Switchgear Replacement	1,030,000	85,354
LSA Flow Metering Program	50,000	(10,831)
Marshend Pump Station Capacity Upgrade	700,000	33,379
New West Interceptor - Annacis Section 2	1,320,000	199,931
New West Interceptor Grit Chamber	400,000	-
New Westminster Interceptor Annacis Channel Crossing Scour Protection	500,000	-
New Westminster Interceptor Repair Columbia St. Section	200,000	97,516
New Westminster Interceptor West Branch and Columbia Extension Rehabilitation	1,135,000	210,252
North Road Trunk Sewer	1,280,000	19,663
North Road Trunk Sewer Phase 2	4,100,000	191,670
North Surrey Interceptor - Port Mann Section - Odour Control	750,000	13,832
North Surrey Interceptor Manson, Roebuck Road and Port Mann Sections	500,000	-
North Surrey Interceptor River Crossings	1,450,000	-
North Surrey Interceptor Roebuck Section Replacement	2,500,000	336,252
NSA Flow Metering Program	55,000	62,126
NSA Scour Protection Upgrades	200,000	46,680
NSI Flow Management	3,250,000	202,993
NSI Rehab or Replacement	1,270,000	187,603
NWP Dip Replacement	1,000,000	-
Ocean Park Trunk Manholes Lining	50,000	-
Ocean Park Trunk Sewer - Air Management Facility	1,340,000	8,837
Other - Sewer Heat Projects	2,400,000	-
Port Coquitlam Pump Station Refurbishment	500,000	118,449
Port Moody Pump Station Capacity Upgrade	230,000	4,778
Port Moody South Interceptor Capacity Upgrade	50,000	-
Production Way Facility Access and Parking Improvements	4,600,000	140
Production Way Operation Centre	2,300,000	153,335
Royal Ave PS Rehabilitation	1,430,000	66,569

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	Annual Capital Cash Flow	Year-to-date Actual Expenditures
Liquid Waste Services		
Sapperton Pump Station	520,000	190,802
Sapperton Pump Station Emergency Backup Power	1,725,000	34,214
Sewer Heat Projects - Surrey	1,400,000	-
South Surrey Interceptor Delta Section (SSD) Rehabilitation	1,400,000	70,023
South Surrey Interceptor Johnston Section	1,180,000	1,529,841
South Surrey Interceptor Rehabilitation-Scott Road Section	500,000	-
SSI Influent Control Chamber Repair and Replace Gates	60,000	1,865
SSI Sulfide Odour and Corrosion Control	5,700,000	39,569
Stoney Creek Sanitary Trunk	682,000	73,161
Surrey Corrosion Control Facility Replacement	125,000	25,314
VSA Emergency Backup Power	3,850,000	706,520
VSA Flow Metering Program	530,000	101,406
VSA Grit Chamber Access Improvements Spanish Banks	100,000	-
VSA Sewer Relocations and Protections	200,000	9,491
VSA Statutory Right of Way Acquisitions 2024-2026	8,500,000	-
Westridge FM Replacement	5,099,000	76,556
Westridge Pump Stations 1 & 2 Refurbishment	1,380,000	294,603
White Rock Forcemain Rehabilitation	1,100,000	129,565
Other projects	-	816,951
Collections	167,942,000	20,866,433
AIWWTP Ammonia Removal – Sidestream	200,000	106,080
AIWWTP Centrifuge Schwing HPU replacement	170,000	-
AIWWTP Chemical Lab UPS System Replacement	150,000	210,345
AIWWTP Cogeneration Backup Power	400,000	65,237
AIWWTP Cogeneration Backup Power 69 kV Substation Modifications	100,000	13,881
AIWWTP Digester No. 5	500,000	22,313
AIWWTP Electrical Distribution System Protection Control and Monitoring	200,000	240,564
AIWWTP Hydrothermal Processing Pilot	8,550,000	2,014,020
AIWWTP ICS Replacement Program	1,400,000	85,713
AIWWTP Influent System Remediation	250,000	655,722
AIWWTP IPS Gates Replacements	75,000	-
AIWWTP IPS Pump Building Roof Replacement Phase 2	100,000	5,098
AIWWTP Lubrication Storage Facility Conversion	500,000	-
AIWWTP O&M Building Refurbishment	100,000	-
AIWWTP PWD line refurbishment/replacement	250,000	-
AIWWTP Replacement of Protective Relays	50,000	34,444
AIWWTP Scheduled 64kV Potential & Current Transformer Replacements	50,000	-
AIWWTP SCL Flow Balancing	50,000	-
AIWWTP SCL Flow Control	700,000	28,090
AIWWTP SCL Flow Leveling Phase 2	700,000	29,251
AIWWTP Scum Pump Replacement	200,000	-
AIWWTP Sludge Control Building Electrical Room HVAC upgrade	425,000	48,780
AIWWTP Stage 5 Expansion Phase 2	1,000,000	65,823
AIWWTP Stage 5 Expansion Phase 2 - PDE	40,780,000	1,649,744
AIWWTP Stage 5 Expansion Phase 2b	21,000,000	1,860,865
AIWWTP Station Battery Replacement - PHASE 2	50,000	19,008
AIWWTP Trickling Filter Media & Distributor Arms & Ducting Replacement	5,485,000	962,979
AIWWTP UPS Condition Monitoring System	50,000	-
All WWTPs Power Quality Monitoring & Outage Alarming Network	50,000	2,541
Annacis Influent System Surge Control Refurbishment	2,100,000	220,737
Annacis MCC 80 051, 80 070, 80 071 Replacement	50,000	3,973
Annacis Outfall System	11,500,000	2,503,085
Biosolids Dryer	500,000	118,258
Golden Ears Forcemain and River Crossing	160,000	2,399,935
Golden Ears Pump Station	123,000	477,249
IIWWTP - Biogas Lines Relocation	50,000	27,872
IIWWTP Biosolids Dewatering Facility	1,150,000	134,666
IIWWTP CEPT Polymer Line Replacement	1,750,000	81,516
IIWWTP CEPT Winterization	1,100,000	56,103

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	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Liquid Waste Services		
IIWWTP Digester 4 Roof Replacement & Mixing Replacement	50,000	21,702
IIWWTP ICS IPS Control Replacement	700,000	-
IIWWTP ICS Replacement Program	300,000	4,023
IIWWTP Influent Gate Refurbishment	100,000	-
IIWWTP IPS Drive Remediation	125,000	56,541
IIWWTP MCC/Power Distribution Assess/Replace - Phase 2	50,000	242
IIWWTP Non-Domestic Trucked Liquid Waste Alternative	50,000	-
IIWWTP Outfall Refurbishment	2,000,000	314,660
IIWWTP PA Tanks Improvement	1,500,000	-
IIWWTP PA-Sed Tank & Gallery Wall Refurbishment	100,000	13,671
IIWWTP Replacement of CoGen Control System	100,000	17,713
IIWWTP Siphon Chamber Refurbishment	200,000	11,113
IIWWTP Solids Handling Refurbishment	50,000	-
IIWWTP Standby Diesel Generators	100,000	-
IIWWTP Surge Mitigation	25,000	-
Iona Island Control & Instrumentation Replacement 2011	50,000	-
Iona Island Wastewater Treatment Plant	109,220,000	11,063,029
LIWWTP Admin Dewatering Building Roof Repair	50,000	12,699
LIWWTP Biogas Clean-up Project	50,000	154,060
LIWWTP Effluent Heat Recovery Project	500,000	293,620
LIWWTP Gravity Thickener Redundancy	475,000	26,220
LIWWTP Ground Fault Detection System Replacement	200,000	20,595
LIWWTP High Efficiency Boiler	400,000	-
LIWWTP ICS Electrical Distribution System Migration Program	500,000	-
LIWWTP ICS Replacement Program	2,250,000	44,651
LIWWTP PA-Sed Tank Refurbishment	300,000	10,623
LIWWTP Pilot Digestion Optimization Facility	500,000	44,029
LIWWTP Power Reliability	2,380,000	43,381
LIWWTP SCL Refurbishment	300,000	13,673
LIWWTP Trickling Filter Refurbishment	400,000	22,042
NLWWTP 25 kV Substation Replacement	50,000	24,472
NLWWTP Ground Improvements	43,311,000	1,058,548
NLWWTP Outfall	2,483,000	170,823
NLWWTP Stage 1	32,693,000	5,082,763
NLWWTP Standby Diesel Generator	700,000	-
North Shore WWTP Secondary Upgrade, Conveyance and Decommissioning	308,812,000	12,320,912
WWTPs Electrical System Studies & Upgrades	200,000	15,706
Other projects	-	537,107
Treatment Plants	613,292,000	45,542,510
	\$ 781,234,000	\$ 66,408,942

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	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Regional Parks		
Capital Development - Boundary Bay - Perimeter Trail	\$ 1,500,000	\$ -
Capital Development - Bowen Island - Park Development	400,000	-
Capital Development - Burnaby Lake - Glencarin Greenway Connection	1,500,000	-
Capital Development - Burns Bog Delta Nature Reserve Development	500,000	51,929
Capital Development - Campbell Valley - Perimeter Greenway Trail	500,000	123,765
Capital Development - Campbell Valley - Replacement of Little River Loop Boardwalk	100,000	24,450
Capital Development - Crippen - Davies Orchard Cabins	50,000	68,823
Capital Development - Lynn Headwaters - Park Entry Bridge & Day Use Area	150,000	-
Capital Development - Tynehead - Perimeter Trail Phase 2	1,500,000	-
Capital Development- Feasibility Studies	500,000	-
Capital Replacement and Development - Belcarra - South Picnic Area and Cabins	750,000	122,274
Capital Replacement and Development - Capilano New Service Yard	500,000	11,447
Capital Replacement and Development - Grouse BCMC Realignment & Improvement	750,000	330,687
Capital Replacement and Development - Small Capital Replacement and Development Projects	2,270,000	83,711
Capital Replacement and Development - Widgeon Marsh New Park Development	1,000,000	7,285
Other projects	-	210,800
Capital Development	11,970,000	1,035,170
Regional Land Acquisition	20,000,000	2,691,800
Parkland Acquisition Fund Projects	20,000,000	2,691,800
	\$ 31,970,000	\$ 3,726,970

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	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Solid Waste Services		
Coquitlam Landfill East Closure	\$ 1,100,000	\$ -
Coquitlam Landfill Gas Collection Upgrades Phase II	1,500,000	2,501
Coquitlam Landfill Maintenance Leachate Collection System Grade Realignment	50,000	-
Coquitlam Landfill Maintenance Lot 3 Development	200,000	8,942
Coquitlam Landfill Maintenance Pump Station Upgrade	1,000,000	-
Landfills	3,850,000	11,442
Langley Recycling Depot Development	1,000,000	68,999
Maple Ridge Recycling and Waste Centre Upgrades	500,000	-
North Surrey Recycling and Waste Centre Compactor Replacement	100,000	271,153
North Surrey Recycling Depot Development	1,000,000	68,999
Weigh Scale Replacement	2,500,000	-
Other Projects	-	1,169
Recycling and Waste Centres	5,100,000	410,319
Acid Gas Reduction	850,000	-
Air System Piping Replacement	150,000	-
Biosolids Processing	8,000,000	43,721
Bottom Ash Processing	50,000	-
Generation Bank Replacement	5,900,000	-
Primary Economizer Replacement	500,000	3,386
Refuse Crane	5,650,000	28,056
Secondary Economizers Replacement	1,750,000	-
WTE Facility Boiler and APC Roof Replacement	100,000	-
WTE Facility Bottom Ash Crane Replacement	500,000	11,499
WTE Facility Compressed Air System Replacement	900,000	17,590
WTE Facility District Heating	12,500,000	278,338
WTE Facility District Heating Opportunities	50,000	33,414
WTE Facility Electrical Transformers Replacement	2,500,000	13,939
WTE Facility Fabric Filter Hopper and Pulse Header Refurbishment	1,000,000	21,620
WTE Facility Feed Hopper/Chute	100,000	-
WTE Facility Feedwater Pump Replacement	50,000	2,377
WTE Facility Fire Suppression System	500,000	-
WTE Facility Fly Ash Silo Refurbishment	400,000	12,167
WTE Facility Primary Superheaters Replacement	2,000,000	-
WTE Facility Programmable Logic Controllers Replacement	500,000	-
WTE Facility Pug Mill Enclosure Ventilation System Replacement	500,000	-
WTE Facility Refuse Pit Bunker Door Replacement	300,000	-
WTE Facility Soot Blower Piping Replacement	150,000	-
WTE Facility Stack Refurbishment	250,000	-
Waste To Energy Facilities	45,150,000	466,106
	\$ 54,100,000	\$ 887,867

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Water Services	Annual	Year-to-date Actual
	Capital Cash Flow	Expenditures
Angus Drive Main	\$ 50,000	\$ 3,438
Annacis Main No. 2 - Queensborough Crossover Improvement	50,000	-
Annacis Main No. 2 and Barnston Island Main Online Chlorine and pH Analyzers	700,000	6,064
Annacis Main No. 3 BHP Potash Facility Pipe Protection	50,000	-
Annacis Main No. 5 (North)	1,500,000	244,747
Annacis Main No. 5 (South)	5,100,000	3,049
Annacis Water Supply Tunnel	76,000,000	10,993,188
Burnaby Mountain Main No. 2	600,000	-
Cambie-Richmond Water Supply Tunnel	6,100,000	(1,187,798)
Central Park Main No. 2 (10th Ave to Westburnco)	1,500,000	124,706
Central Park Main No. 2 (Patterson to 10th Ave)	10,350,000	3,450,834
Clayton Langley Main No. 2	500,000	24,470
Coquitlam Main No. 4 (Cape Horn)	2,700,000	633,556
Coquitlam Main No. 4 (Central Section)	14,500,000	497,512
Coquitlam Main No. 4 (South Section)	78,000,000	5,122,858
Douglas Road Main No. 2 (Flow Meter 169) Replacement	500,000	22,517
Douglas Road Main No. 2 (Vancouver Heights Section)	450,000	-
Douglas Road Main No. 2 Still Creek	11,050,000	2,053,900
Douglas Road Main Protection	550,000	-
Haney Main No. 4 (West Section)	750,000	37,671
Haney Water Supply Tunnel	1,750,000	166,954
Improvements to Capilano Mains No. 4 and 5	250,000	-
Kennedy Newton Main	17,100,000	372,572
Lulu Island - Delta Main - Scour Protection Phase 2	50,000	-
Lulu-Delta Water Supply Tunnel	1,250,000	-
Lynn Valley Road Main, Seymour Main No. 3 & Seymour Main No. 4 Aerial		
Crossings Rehabilitation	2,270,000	47,259
Maple Ridge Main West Lining Repairs	50,000	30,683
Newton Reservoir Connection	450,000	-
Palisade Outlet Works Rehabilitation	900,000	44,078
Port Mann Main No. 2 (South)	50,000	31,401
Port Mann Main No. 2 (South) Whalley Reservoir Feeder Main	3,000,000	-
Port Mann No. 1 South Section Decommissioning	350,000	2,675
Port Moody Main No. 1 Christmas Way Relocation	100,000	-
Port Moody Main No. 3 Scott Creek Section	2,000,000	107,862
Queensborough Main Royal Avenue Relocation	100,000	-
Rehabilitation of AN2 on Queensborough Bridge	470,000	4,395
Relocation and Protection for MOTI Expansion Project Broadway	100,000	-
Relocation and Protection for MOTI George Massey Crossing Replacement	100,000	-
Relocation and Protection for Translink Expansion Project Surrey Langley SkyTrain	100,000	-
Sapperton Main No. 1 New Line Valve and Chamber	50,000	23,804
Sapperton Main No. 2 North Road Relocation and Protection	6,400,000	122,065
Scour Protection Assessments and Construction General	150,000	951,969
Second Narrows Water Supply Tunnel	25,000,000	4,120,645
Seymour Main No. 2 Joint Improvements	100,000	21,117
Seymour Main No. 5 III (North)	2,100,000	389,430
South Delta Main No. 1 - Ferry Road Check Valve Replacement	100,000	12,506
South Fraser Storage Yard	250,000	172,763
South Surrey Main No. 1 Nickomekl Dam Relocation	3,600,000	-
South Surrey Main No. 2	800,000	171,658
South Surrey Main No. 2 Nickomekl Dam Prebuild	1,000,000	-
South Surrey Supply Main (Serpentine River) Bridge Support Modification	50,000	225,507
Stanley Park Water Supply Tunnel	26,075,000	653,919
Tilbury Junction Chamber Valves Replacement with Actuators	200,000	-
Tilbury Main North Fraser Way Valve Addition	1,500,000	626
Water Chamber Improvements and Repairs	250,000	525
Water Meter Upgrades	2,000,000	1,506,665
Water Optimization - Instrumentation	1,150,000	173,593

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	Annual Capital Cash Flow	Year-to-date Actual Expenditures
Water Services		
Water Optimization Automation & Instrumentation Phase 1	50,000	188,837
Whalley Kennedy Main No. 2	300,000	228,947
Whalley Main	50,000	33,770
Other Projects	-	25,216
Water Mains	312,615,000	31,862,151
Barnston/Maple Ridge Pump Station - Back-up Power	2,100,000	-
Burnaby Mountain Pump Station No. 2	400,000	39,061
Cape Horn Pump Station No. 3	2,500,000	732,177
Capilano Raw Water Pump Station - Back-up Power	21,000,000	2,865,057
Capilano Raw Water Pump Station Bypass PRV Upgrades	1,950,000	29,725
Central Park WPS Starters Replacement	5,000,000	26,928
Grandview Pump Station Improvements	1,500,000	27,726
Newton Pump Station No. 2	9,450,000	2,084,506
Westburnco Pump Station - Back-up Power	1,500,000	41,313
Westburnco Pump Station No. 2 VFD Replacements	1,100,000	7,785
Other Projects	-	6,915
Pump Stations	46,500,000	5,861,192
Burnaby Mountain Tank No. 2	990,000	52,419
Cape Horn Reservoir Condition Assessment and Structural Repair	250,000	725
Capilano Energy Recovery Facility Operational Upgrades	750,000	12,800
Clayton Reservoir	50,000	90,048
Dechlorination for Reservoir Overflow and Underdrain Discharges	1,000,000	8,311
Fleetwood Reservoir	16,500,000	2,968,841
Hellings Tank No. 2	400,000	49,361
Kersland Reservoir No. 1 Structural Improvements	500,000	4,927
Pebble Hill Reservoir No. 3 Seismic Upgrade	50,000	-
Pebble Hill Reservoir Seismic Upgrade	500,000	53,803
Reservoir Isolation Valve Automation	550,000	26,731
Reservoir Preliminary Structural Assessments (Annual Inspection 2023 to 2025)	1,200,000	403,187
Reservoir Sampling Kiosks - Multi Location	350,000	30,564
Sasamat Reservoir Refurbishment	250,000	12,064
Sunnyside Reservoir Units 1 and 2 Seismic Upgrade	100,000	36,142
Vancouver Heights System Resiliency Improvements	450,000	3,509
Other Projects	-	24,041
Reservoirs	23,890,000	3,777,474
CLD and SFD Lead Paint Removal, Surface Crack Injection and General Corrosion Mitigation	500,000	44,236
Coquitlam Intake Tower Seismic Upgrade	100,000	4,118
Coquitlam Lake Water Supply - Intake No. 2 & Tunnel	9,000,000	380,411
Coquitlam Lake Water Supply - Water Treatment	5,000,000	300,022
CWTP CO2 System Improvements	500,000	-
CWTP Mobile Disinfection System	500,000	1,436
CWTP Ozone Generation Upgrades for Units 2 & 3	1,000,000	264,965
CWTP Ozone Sidestream Pipe Heat Trace and Insulation	150,000	14,093
CWTP Ozone Sidestream Pump VFD Replacement	500,000	34,646
Loch Lomond Outlet Works Rehabilitation	250,000	536
Microbiology Laboratory Expansion	250,000	-
Online Chlorine and pH Analyzers Phase 1	1,400,000	13,353
SCFP Centralized Compressed Air System	1,350,000	11,306
SCFP Clearwell Baffle Replacement Pilot	250,000	44,301
SCFP Clearwell Membrane Replacement	600,000	37,190
SCFP Flocc Tank Baffle Replacement and Ladder Installation to Improve Accessibility	500,000	4,802
SCFP OMC Building Expansion	500,000	12,035
SCFP Polymer System Upgrade	1,000,000	103,001
SCFP SCADA/ICS Controller Replacement	1,200,000	2,381,824
Water Utilities SLC Control System Upgrades	600,000	278
Other Projects	-	1,950
Treatment Plants	25,150,000	3,654,501

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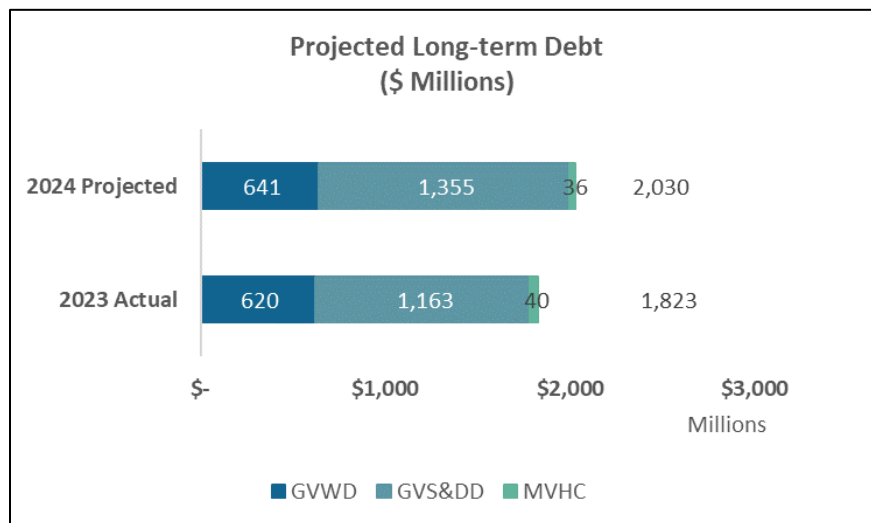
	Annual	Year-to-date Actual
Water Services	Capital Cash Flow	Expenditures
Capilano Raw Water Pump Station VFD Upgrades	300,000	-
Capilano Reservoir and Seymour Reservoir Dam Safety Boom Replacement	500,000	51,416
Capilano Watershed Security Gatehouse	1,800,000	9,157
CLD & SFD Fasteners Replacement & Coating Repairs	50,000	-
Cleveland Dam - Lower Outlet HBV Rehabilitation	250,000	21,177
Cleveland Dam Drumgate Seal Replacement	500,000	-
Cleveland Dam Power Resiliency Improvements	700,000	4,174
Cleveland Dam Public Warning System and Enhancements	1,750,000	461,570
Cleveland Dam Seismic Stability Evaluation	400,000	28,656
Facilities O&M Documentation Development - Phase 1	1,000,000	8,549
Lake City HVAC Upgrade	400,000	-
Lower Seymour Conservation Reserve Learning Lodge Replacement	50,000	12,162
Rechlorination Station SHS Storage Tank Replacement	100,000	28,102
Rechlorination Station Upgrades	2,000,000	63,012
Rice Lake Dams Rehabilitation	900,000	64,473
SCADA Moscad Server & ICS Historian Expansion & Partitioning	1,500,000	-
Seymour Falls Dam Public Warning System	1,250,000	2,610
Seymour Falls Dam Seismic Stability Assessment	750,000	-
South Fraser Works Yard	2,500,000	(80,290)
Other Projects	-	196,623
Others	16,700,000	871,391
	\$ 424,855,000	\$ 46,026,709

TREASURY RESULTS

Long-term debt

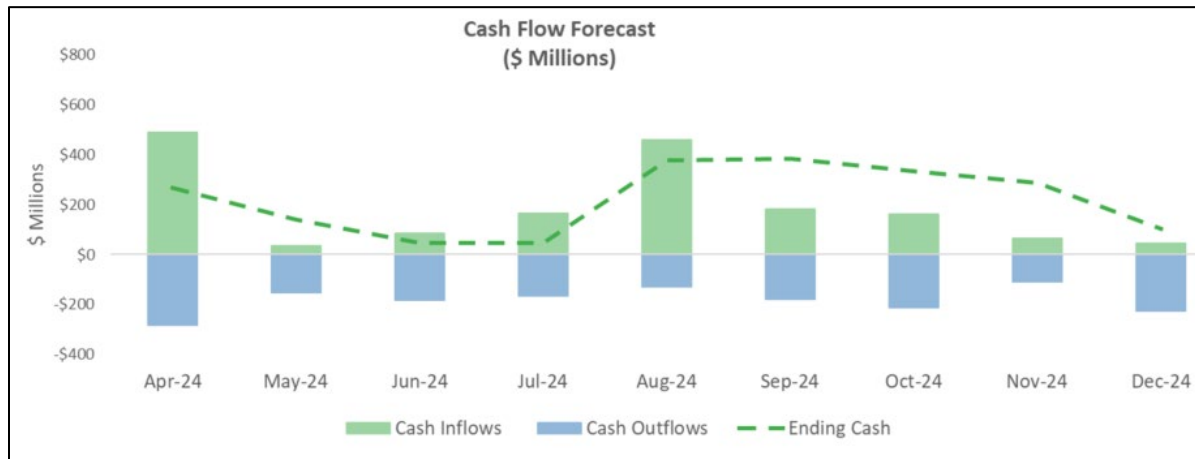
As a result of the capital underspends, the total forecasted borrowing for 2024 is \$350 million, which is less than the budgeted \$482 million. Furthermore, the MFA long-term borrowing rate for the 2024 Spring borrowing was 4.4%, which is lower than the Fall 2023 rate of 4.97% indicating a softening in long-term interest rates. The impact of the lower amount of borrowing and lower interest rates results in a lower than expected debt service ratio (interest and principal payments to revenue) from 21.5% to 20.3%.

Long-term debt is expected to increase by \$207 million by the end of 2024 to \$2,030 billion compared to \$1,823 billion at the end of 2023. The increase is largely from the \$350 million new debenture debt issued in the spring (\$274M GVSⅅ \$76M GVWD), offset by \$143 million in annual debenture payments.

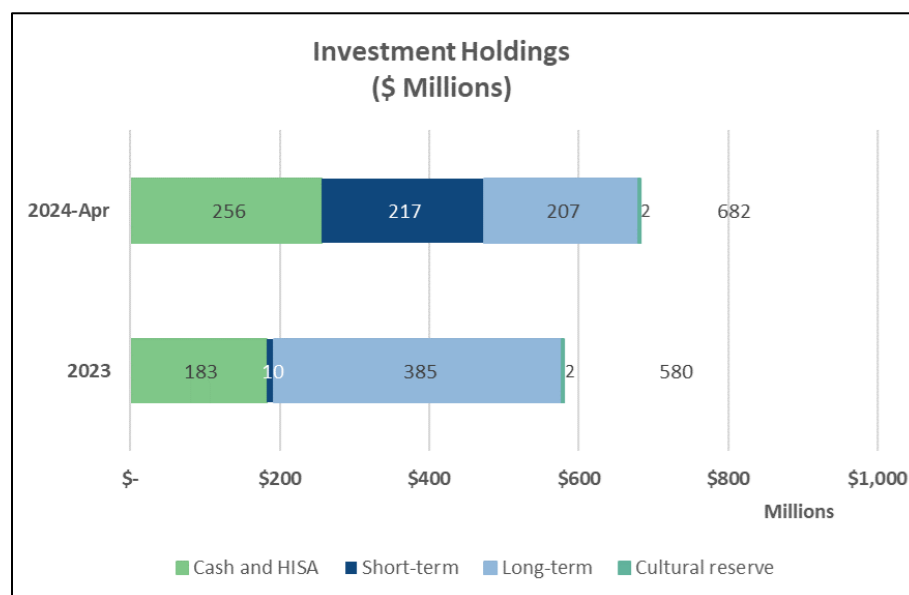


Cash and Investments

The chart below provides the cash flow forecast for Metro Vancouver from April 2024 to December 2024. Treasury is continuously reviewing cash and reserve balances to ensure adequate liquidity to sustain operations and managing risk while also making efficient use of its cash.

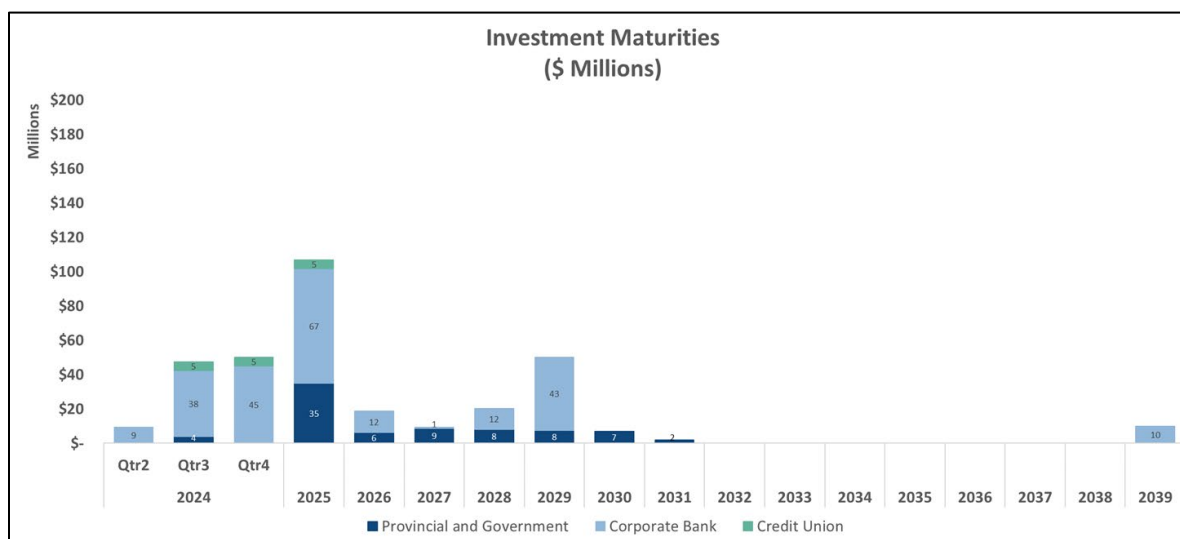


The charts below provide summaries of the cash and investment holdings as of April 30, 2024 compared to December 31, 2023, as well as the investment maturities over the next five years. Cash and investments has increased in 2024 from \$580.2 million at December 31, 2023 to \$682.0 million. This is largely due to the spring debenture borrowing of \$350 million. Finance is continuously monitoring the cash and reserve balances with a strategy to utilize cash instead of locking in borrowing at high market rates as it is anticipated that interest rates will decrease in 2024.



<i>(in thousands of dollars)</i>	2024 Apr	2023
High-interest saving accounts	\$ 256,239	\$ 10,000
Short-term investments *	216,795	182,895
Long-term investments **	206,554	385,101
Cultural reserve investments ***	256,239	2,231
Total Cash & Investment Holdings	\$ 681,953	\$ 580,227

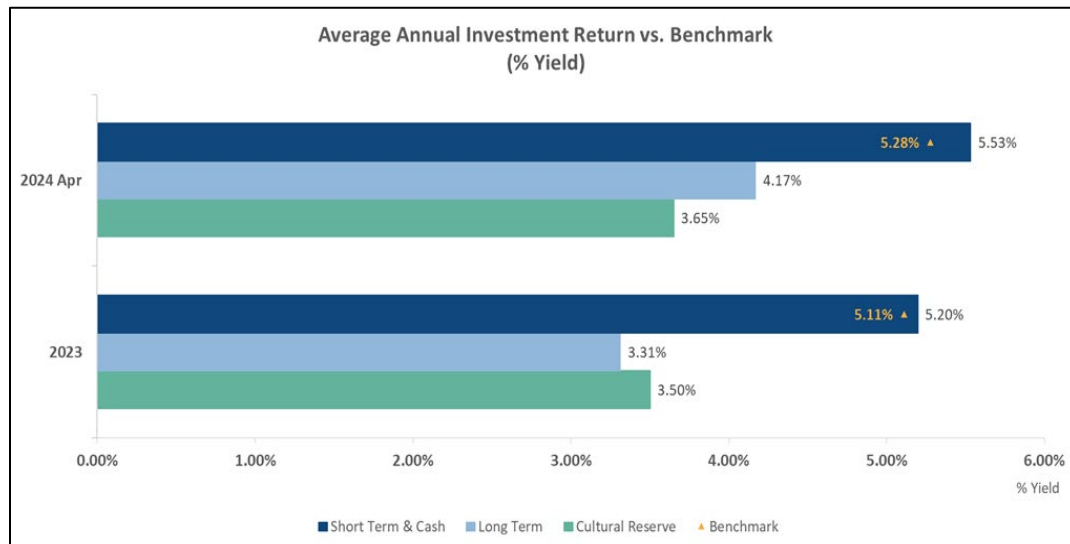
- * Short-term investments have terms of less than one year and include bankers' acceptances, Canadian bank bonds and credit union term deposits.
- ** Long-term investments have terms of greater than one year and include Canadian bank bonds, guaranteed investment certificates, credit union term deposits and MFA pooled funds.
- *** Cultural reserve investments are reserve for contribution to cultural activities. Investments are held to 2031, however the majority of the portfolio will mature within two years. Investment maturities in 2024 are expected to be \$126M. Treasury will strategically reinvest funds or convert to cash if cash resources are required.



Investment Returns

The average investment returns as of April 2024 have increased since December 2023, to 5.53% for short-term and 4.17% for long-term. As interest rates are expected to decline, Metro Vancouver's rate of return is expected to remain favourable because matured investments in 2023 were reinvested with higher yielding products or held in cash to take advantage of high-interest savings account rates. Currently, the total estimated weighted average annualized return is 4.51%.

The chart below summarizes the investment returns by investment category against benchmark rates. The chart indicates the return on short-term investments of 5.53% has surpassed the MFA benchmark of 5.28%:



Financial Position Indicators

Illustrated below is additional insight into Metro Vancouver's financial position. These ratios measure Metro Vancouver's current performance compared to budget and prior year.

	2024-April	2024-Budget	2024-Forecast	2023-Q4
Current Ratio	5.6	-	-	2.5
Debt Servicing	18.8%	21.5%	20.3%	18.8%
Interest Burden	18.8%	8.3%	7.1%	6.7%
Investments	\$ 8.2M	\$ 17.7M	\$ 24.5M	\$ 29.3M

Current ratio is calculated as current assets divided by current liabilities. The current ratio indicates cash exceeds our current obligations by 5.6 times. The organizations financials assets are more than sufficient at the end of April to offset the amount of short-term obligations.

Debt servicing costs is a calculation of long-term debt principal and interest payments divided by revenue. Interest burden is a component of the debt servicing costs, interest payments divided by revenue. Currently, the debt servicing and interest burden ratio forecast is less than the budgeted ratio due to spring 2024 borrowing amount being less than anticipated (\$350M spring borrowing vs \$400M budgeted) due to delays in capital spending.

Investment returns as of April 2024 indicate a positive trend, as returns are 46% of the budgeted goal of \$17.7M.



PROCUREMENT

Awarded Procurement

- The tables below provide:
 - the number of contracts that have been awarded, and
 - the value of contracts awarded by the Metro Vancouver Board and those that are less than \$5 million and in excess of \$500,000 (which are not awarded by the Board in accordance with existing Board approved procurement policies).
 - Four contract awards were approved by the Board in the first quarter of 2024, representing 25% of the total contracts awarded in 2024.
 - It is expected that procurement activity will increase with respect to the number of awards as well as the value due to the significant 2024 capital program.

Award Type	2024 To Date	2023	2022	2021
Board Awarded	4	16	20	25
Less than \$5 Million	10	51	53	51
Total	14	67	73	76

Award Type	2024 To Date	2023	2022	2021
Board Awarded	\$ 72,134,299	\$465,895,019	\$434,664,449	\$798,139,628
Less than \$5 Million	\$ 17,234,419	\$71,980,936	\$ 89,019,028	\$ 92,545,559
Total	\$ 89,368,718	\$537,875,955	\$523,683,477	\$890,685,187

Awarded Bids – January to March 2024

The following contracts have been awarded by the Metro Vancouver. Contracts have been entered into with the vendors offering the best value to the Corporation determined in accordance with the evaluation criteria, factors or methods previously disclosed in the public solicitation documents.

RESULTS OF OPEN PUBLIC COMPETITIVE PROCUREMENTS - AWARDS IN 2024 JANUARY - MARCH

Competition #	Competition Type	Competition Description	Awarded Date	Vendor Name	Awarded Amount	Awarded
24-008	RFP-MA	Dechlorination for Reservoir Underdrain	2-Jan-24	AECOM Canada Ltd.	\$ 229,958	Yes
23-085	RFP	South Surrey Supply Main Bridge Support Modifications	3-Jan-24	Acuren Group Inc.	\$ 979,231	Yes
23-085	RFP	South Surrey Supply Main Bridge Support Modifications	3-Jan-24	Seismic 2000 Construction Ltd.	NA	No
23-369	SS/NOIC	Enhanced Hydrodynamic Modelling, Scenario Analysis and Screening Level Risk Assessment Consulting	4-Jan-24	Tetra Tech Canada Inc.	\$ 510,979	Yes
23-260	ITT	Lulu Island WWTP C1 and C2 Piping Replacement Project	9-Jan-24	Tritech Group Ltd.	\$ 766,834	Yes
23-004	ITT	Supply and Installation of Glenbrook Combined Trunk Sewer Replacement – Kingsway Section	10-Jan-24	NorLand Limited	\$ 4,021,642	Yes
23-004	ITT	Supply and Installation of Glenbrook Combined Trunk Sewer Replacement – Kingsway Section	10-Jan-24	Jacob Bros. Construction Inc.	NA	No
23-004	ITT	Supply and Installation of Glenbrook Combined Trunk Sewer Replacement – Kingsway Section	10-Jan-24	Sandpiper Contracting LLP	NA	No
23-287	RFP	Coquitlam Landfill Flare Station Design Services	17-Jan-24	Comcor Environmental Limited	\$ 353,868	Yes
23-287	RFP	Coquitlam Landfill Flare Station Design Services	17-Jan-24	GHD Limited	NA	No
23-287	RFP	Coquitlam Landfill Flare Station Design Services	17-Jan-24	Sperling Hansen Associates	NA	No
23-289	ITT	Supply & Delivery of Ductile Iron Pipe for Central Park Main No. 2 – Phase 4 – 10th Avenue to Westburnco Project	17-Jan-24	Iconix Waterworks LP	\$ 403,920	Yes
23-289	ITT	Supply & Delivery of Ductile Iron Pipe for Central Park Main No. 2 – Phase 4 – 10th Avenue to Westburnco Project	17-Jan-24	Flocor Inc.	NA	No
23-289	ITT	Supply & Delivery of Ductile Iron Pipe for Central Park Main No. 2 – Phase 4 – 10th Avenue to Westburnco Project	17-Jan-24	EMCO Water Works	NA	No
23-289	ITT	Supply & Delivery of Ductile Iron Pipe for Central Park Main No. 2 – Phase 4 – 10th Avenue to Westburnco Project	17-Jan-24	Andrew Sheret Ltd.	NA	No
24-025	SS/NOIC	Abatement of Hazardous Materials at Cleveland Dam	19-Jan-24	Nucor Environmental Solutions Ltd.	\$ 391,365	Yes
24-030	ITT	Manor House - Deep Energy Retrofit Aluminum Guardrails	26-Jan-24	A.R.M.S. Manufacturing Ltd.	\$ 81,816	Yes
24-031	ITT	Manor House - Deep Energy Retrofit Windows and Doors	26-Jan-24	Centra Construction Group Ltd.	\$ 341,185	Yes
24-033	ITT	Manor House - Deep Energy Retrofit Interior Finishes	26-Jan-24	J.J.K. Developments Inc.	\$ 195,000	Yes
24-034	ITT	Manor House - Deep Energy Retrofit Exterior Walls	26-Jan-24	Master Stucco Ltd.	\$ 769,980	Yes
24-035	ITT	Manor House - Deep Energy Retrofit Rough Carpentry	26-Jan-24	PR Pomeroy Restoration & Construction Ltd.	\$ 308,513	Yes
24-037	ITT	Manor House - Deep Energy Retrofit Roofing & PMMA	26-Jan-24	Renewal Constructions Inc.	\$ 977,100	Yes
24-038	ITT	Manor House - Deep Energy Retrofit Scaffolding	26-Jan-24	Scaffold Depot Ltd.	\$ 229,794	Yes
24-039	ITT	Manor House - Deep Energy Mechanical & Electrical	26-Jan-24	Slopeside Mechanical Systems Ltd.	\$ 3,517,569	Yes
24-040	ITT	Manor House - Deep Energy Demolition & Asbestos Abatement	26-Jan-24	West York Developments Ltd.	\$ 170,100	Yes
23-229	SS/NOIC	Small Load Waste Alternative Fuel Processing Trial	7-Feb-24	Geocycle Canada Inc.	\$ 1,290,000	Yes
23-355	RFP	Supply & Installation of Scour Protection for Annacis Main No. 2	8-Feb-24	Fraser River Pile & Dredge (GP) Inc.	\$ 992,910	Yes
23-234	RFP	Supply and Delivery of MCC for the Royal Avenue Pump Station Rehabilitation Project	9-Feb-24	Stellar Power & Control Solutions	\$ 326,845	Yes
23-234	RFP	Supply and Delivery of MCC for the Royal Avenue Pump Station Rehabilitation Project	9-Feb-24	enCompass Solution Group	NA	No
23-234	RFP	Supply and Delivery of MCC for the Royal Avenue Pump Station Rehabilitation Project	9-Feb-24	Western Integrated	NA	No
23-234	RFP	Supply and Delivery of MCC for the Royal Avenue Pump Station Rehabilitation Project	9-Feb-24	Raelkon Teams	NA	No
23-375	SS/NOIC	Disposal Services for Iona Stockpile Grit to Campbell Hill Landfill	9-Feb-24	Wastech Services Inc.	\$ 1,005,000	Yes
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Arcadis Professional Services (Canada) Inc.	\$ 249,600	Yes
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	ABL Energy and Marine Consultants Canada Ltd.	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Deloitte	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Exergy Solutions	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	GHD Limited	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	ILF Consultant Inc.	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Interlock Energy Ltd.	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Ramboll Canada Inc.	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	RINA Tech Canada Ltd.	NA	No
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	Sacre-Davey Engineering	NA	No

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Competition #	Competition Type	Competition Description	Awarded Date	Vendor Name	Awarded Amount	Awarded
23-372	RFP	Consulting Services for Studying the Pre-Feasibility of Green Hydrogen Production from Hydropower at Cleveland Dam (Green Hydrogen Project)	14-Feb-24	WSP Canada Inc.	NA	No
23-072	RFP	Cathodic Protection Maintenance Services	20-Feb-24	Corrosion Service Company Ltd.	\$ 903,000	Yes
23-072	RFP	Cathodic Protection Maintenance Services	20-Feb-24	Acuren Group Inc.	NA	No
23-072	RFP	Cathodic Protection Maintenance Services	20-Feb-24	Corpro Canada Inc.	NA	No
23-072	RFP	Cathodic Protection Maintenance Services	20-Feb-24	Pure Technologies Ltd.	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	T&T Power Group	\$ 320,598	Yes
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	Arrow Speed Controls Limited	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	Stellar Power & Control Solutions	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	enCompass Electrical Solutions	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	Wesco Distribution	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	HSL Automation Ltd.	NA	No
23-300	RFP	Supply and Delivery of VFD for Ozone Sidesstream Injection	20-Feb-24	Celco Controls	NA	No
23-330	RFP	Consulting Services for Delta South Surrey Greenway Design Phase 3	20-Feb-24	R.F. Binnie & Associates Ltd.	\$ 349,680	Yes
23-330	RFP	Consulting Services for Delta South Surrey Greenway Design Phase 3	20-Feb-24	Aplin & Martin Consultants Ltd.	NA	No
23-330	RFP	Consulting Services for Delta South Surrey Greenway Design Phase 3	20-Feb-24	Hatch Corporation	NA	No
23-330	RFP	Consulting Services for Delta South Surrey Greenway Design Phase 3	20-Feb-24	AECOM Canada Ltd.	NA	No
22-505	RFP	Construction - IIWWTP CEPT Winterization	21-Feb-24	Bennett Mechanical Installations (2001) Ltd.	\$ 3,449,700	Yes
22-505	RFP	Construction - IIWWTP CEPT Winterization	21-Feb-24	North America Construction (1993) Ltd.	NA	No
23-134	RFP	Solid Waste Compaction System at North Surrey Recycling & Waste Centre	21-Feb-24	SSI Shredding Systems, Inc.	\$ 3,315,123	Yes
24-068	SS/NOIC	Supply & Install of a 32" single line-stop on existing steel Water main in South Burnaby	22-Feb-24	Pacific Flow Control Ltd.	\$ 154,185	Yes
23-241	RFP-MA	AIWWTP Sludge and Scum Area I/O Migration	25-Feb-24	BBA Engineering Ltd.	\$ 424,728	Yes
23-241	RFP-MA	AIWWTP Sludge and Scum Area I/O Migration	25-Feb-24	Wood Canada Limited	NA	No
23-241	RFP-MA	AIWWTP Sludge and Scum Area I/O Migration	25-Feb-24	Tetra Tech Canada Inc.	NA	No
23-241	RFP-MA	AIWWTP Sludge and Scum Area I/O Migration	25-Feb-24	Brown and Caldwell	NA	No
23-184	RFP	Iona WWTP Long-Term Lagoon Cleaning	11-Mar-24	American Process Group (Canada) Ltd.	\$ 29,913,644	Yes
23-184	RFP	Iona WWTP Long-Term Lagoon Cleaning	11-Mar-24	GFL Environmental Services Inc.	NA	No
23-184	RFP	Iona WWTP Long-Term Lagoon Cleaning	11-Mar-24	Clean Harbors Canada	NA	No
23-184	RFP	Iona WWTP Long-Term Lagoon Cleaning	11-Mar-24	Lambourne Environmental Ltd.	NA	No
23-184	RFP	Iona WWTP Long-Term Lagoon Cleaning	11-Mar-24	Secure Energy	NA	No
24-095	SS/NOIC	Contingency Disposal Services for Biosolids	12-Mar-24	Wastech Services Inc.	\$ 193,000	Yes
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	Kerr Wood Leidal Associates Limited	\$ 365,282	Yes
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	GHD Limited	NA	No
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	Envirochem Services Inc.	NA	No
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	BioMaxx Waste Water Solutions (NL) Inc.	NA	No
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	DAY Mottech Inc.	NA	No
23-214	RFP	Odour Monitoring and Assessment Services at Wastewater Treatment Plants	15-Mar-24	Triton Environmental Consultants	NA	No
23-425	RFP	Supply and Delivery of Electric Vehicle Kiosks	19-Mar-24	Code Electric Products Ltd.	\$ 199,173	Yes
23-425	RFP	Supply and Delivery of Electric Vehicle Kiosks	19-Mar-24	KJ Controls Ltd.	NA	No
23-425	RFP	Supply and Delivery of Electric Vehicle Kiosks	19-Mar-24	AC Dandy Products	NA	No
23-378	ITT	Royal Avenue Pump Station Rehabilitation	21-Mar-24	Kenaidan Contracting Ltd.	\$ 6,845,655	Yes
23-378	ITT	Royal Avenue Pump Station Rehabilitation	21-Mar-24	Graham Infrastructure LP	NA	No
23-378	ITT	Royal Avenue Pump Station Rehabilitation	21-Mar-24	North America Construction (1993) Ltd.	NA	No
24-125	SS/NOIC	Kingston Gardens Owner's Representative Services	22-Mar-24	RAM Engineering Ltd.	\$ 200,000	Yes
23-008	RFQ	Installation of Heat Tracing and Insulation at the Coquitlam Water Treatment Plant Ozone Sidesstream Tower	26-Mar-24	J A Electric Inc.	\$ 311,550	Yes

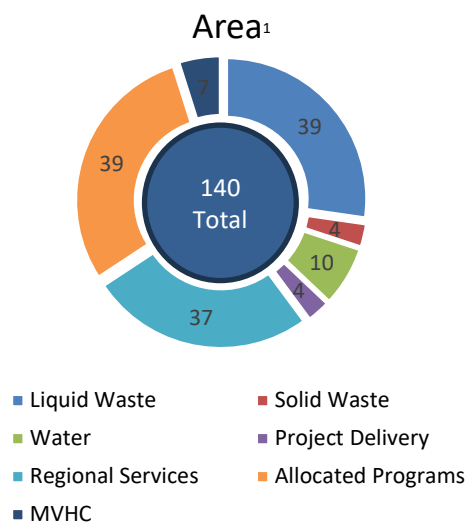
CONTINUOUS IMPROVEMENT PROJECTS

In October 2023, the Metro Vancouver Boards approved the 2024-2028 Financial Plan which included departmental planned continuous improvement projects. There is a foundational target outcome of fostering a commitment to continuous improvement in Metro Vancouver's core culture. The role of continuous improvement is to further the Board priorities, including:

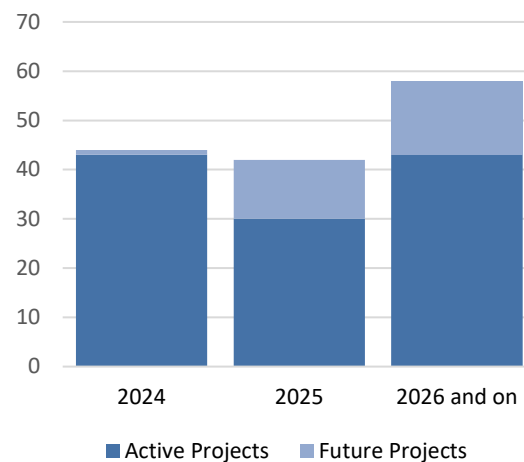
- Financial Sustainability and Regional Affordability
- Climate Action
- Resilient Services and Infrastructure
- Reconciliation
- Housing

This report is part of Financial Services' work plan to provide regular reporting on Metro Vancouver Continuous Improvement (CI) projects and highlight select completed project's contributions to service levels and affordability for regional rate payers.

Total CI Projects by Service Area¹



CI Projects by Completion Date²



¹Total CI Projects by Service Area illustrates the total number of projects identified and by service area. The number of CI projects within an area may not reflect the significance or potential cost savings of the initiatives.

²CI Projects by Completion Date displays the number of active and future projects by expected year of completion.

Below is a summary of key completed Continuous Improvement Projects so far. Continuous Improvement reporting will continue to highlight completed projects. These projects vary from one-year to multi-year timelines depending on complexity and stakeholders.

Highlighted Select Completed Continuous Improvement Projects			
Department/ Project Title	Board Priority	Description	Outcomes
Liquid Waste: LIWWTP Renewable Natural Gas	<ul style="list-style-type: none"> Financial Sustainability & Affordability Climate Action 	Process to upgrade digester gas to renewable natural gas for sale to Fortis BC	<ul style="list-style-type: none"> New GVS&DD revenue stream Renewable natural gas available for decarbonization for Fortis customers Estimated \$0.9 M annual income; 2,200 tonnes of GHG reduction
Liquid Waste: LIWWTP Digestion Optimization- Phase 1 Testing	<ul style="list-style-type: none"> Financial Sustainability & Affordability Climate Action 	Platform for testing alternative sludge treatment approaches	<ul style="list-style-type: none"> Intensification tests indicate existing digesters can serve larger populations to defer costly capacity expansions. Future tests will evaluate ways to increase production of low-carbon biofuels.
Invest Vancouver: Collaboration	<ul style="list-style-type: none"> Resilient Services & Infrastructure 	Partner collaboration	<ul style="list-style-type: none"> Identified synergies with partners to help promote the region and attract foreign direct investment
Liquid Waste: Flush Truck	<ul style="list-style-type: none"> Financial Sustainability & Affordability 	New recycling technology	<ul style="list-style-type: none"> Reduce water consumption, labour, fuel, and disposal costs resulting in estimated \$0.3M annual savings

On February 15, 2024, Continuous Improvement Project Highlights and Updates were addressed at the Finance Committee. The below table outlines key updates to highlighted continuous improvement projects.

Board Strategic Priority	Primary CI Projects	Progress
Financial Sustainability	LIWWTP create Effluent Heat Recovery System	5%
	Contingency Disposal Requirements	100%
	Proactive formal valve exercising program	10%
	Installation and operation of equipment to upgrade digester gas to Renewable natural gas quality and sell this to FortisBC.	10%
Climate Action	Biorock: Innovative Building Material for Shoreline Protection, Carbon Sequestration, and Habitat Creation	15%
	GHG emission reduction initiatives in the building and transportation sectors	20%
	Reduction of gas powered vehicles and equipment and convert to battery powered	20%
	Waste-to-Energy carbon capture study and analysis	30%
Resilient Services and Infrastructure	EAM system reconfiguration to improve Corporate Asset Management	5%
	Lean Six Sigma process improvement for safety incidents in Water Services	10%
	Improve lifecycle process for Digital Workflows for Engineering Drawing	100%
Reconciliation	Improved Indigenous Relations' team capacity	40%
	Diversity Equity Inclusion strategy with emphasis on Reconciliation	50%
	Develop KPIs for Indigenous Relations training sessions	90%
Housing	Innovate and expand partnerships to develop more affordable units	10%
	Alternative rental housing approaches	20%
	Transfer of GVS&DD excess property acquired for construction of Poplar Landing CSO Storage Tank to Metro Vancouver Housing for affordable housing	2%

METRO VANCOUVER REGIONAL PARKS

Upcoming Events

July 2024

DATE	UPCOMING EVENTS
04 JUL 2024	We are Stardust ALDERGROVE REGIONAL PARK
04 JUL 2024	Low Tide Walk təmtə́míxʷtən/BELCARRA REGIONAL PARK
05 JUL 2024	We are Stardust ALDERGROVE REGIONAL PARK
05 JUL 2024	Low Tide Walk təmtə́míxʷtən/BELCARRA REGIONAL PARK
05 JUL 2024	Mysterious Bats DEAS ISLAND REGIONAL PARK
06 JUL 2024	We are Stardust ALDERGROVE REGIONAL PARK
09 JUL 2024	Piper Spit Bird Count BURNABY LAKE REGIONAL PARK
10 JUL 2024	Forest Bathing KANAKA CREEK REGIONAL PARK
10 JUL 2024	Nature Watch by Canoe DEAS ISLAND REGIONAL PARK
11 JUL 2024	Spider Superpowers IONA BEACH REGIONAL PARK
11 JUL 2024	Toads & Turtles MINNEKHADA REGIONAL PARK
13 JUL 2024	Spider Superpowers IONA BEACH REGIONAL PARK
13 JUL 2024	Mysterious Bats CAMPBELL VALLEY REGIONAL PARK

13 JUL 2024	Lynn Loop Nature Hike LYNN HEADWATERS REGIONAL PARK
14 JUL 2024	Get Your Plants On KANAKA CREEK REGIONAL PARK
17 JUL 2024	Forest Bathing DERBY REACH REGIONAL PARK
20 JUL 2024	Forest Harmonies PACIFIC SPIRIT REGIONAL PARK
20 JUL 2024	Mysterious Bats CAMPBELL VALLEY REGIONAL PARK
22 JUL 2024	Low Tide Walk təmtəmixʷtən/BELCARRA REGIONAL PARK
24 JUL 2024	Forest Bathing PACIFIC SPIRIT REGIONAL PARK
26 JUL 2024	Mysterious Bats DEAS ISLAND REGIONAL PARK
27 JUL 2024	Birding for Beginners IONA BEACH REGIONAL PARK
27 JUL 2024	The Secret Life of Trees CAPILANO RIVER REGIONAL PARK
27 JUL 2024	Master Tunnel Makers ALDERGROVE REGIONAL PARK
31 JUL 2024	Practice English in a Park TYNEHEAD REGIONAL PARK

**Note: For more information on Regional Parks Programs & Events, please visit <https://metrovancover.org/events/events-calendar>*

METRO VANCOUVER REGIONAL PARKS

Upcoming Events

August 2024

DATE	UPCOMING EVENTS
03 AUG 2024	Mysterious Bats DEAS ISLAND REGIONAL PARK
07 AUG 2024	Mysterious Bats MINNEKHADA REGIONAL PARK
09 AUG 2024	Mysterious Bats MINNEKHADA REGIONAL PARK
13 AUG 2024	Piper Spit Bird Count BURNABY LAKE REGIONAL PARK
14 AUG 2024	Mysterious Bats MINNEKHADA REGIONAL PARK
16 AUG 2024	Wild Animal Survivor PITT RIVER REGIONAL GREENWAY
17 AUG 2024	Forest Bathing CAPILANO RIVER REGIONAL PARK
18 AUG 2024	Barefoot Bears KANAKA CREEK REGIONAL PARK
18 AUG 2024	Pond-ering Amphibians KANAKA CREEK REGIONAL PARK
24 AUG 2024	Birding for Beginners IONA BEACH REGIONAL PARK
24 AUG 2024	Forest Bathing PACIFIC SPIRIT REGIONAL PARK
24 AUG 2024	Re-imagine Nature Photo Workshop CAMPBELL VALLEY REGIONAL PARK
27 AUG 2024	The Secret Life of Trees PACIFIC SPIRIT REGIONAL PARK

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