



**City Council
Electronic Meeting**

**Council Chambers, City Hall
6911 No. 3 Road**

**Monday, April 25, 2022
7:00 p.m.**

Pg. # ITEM

MINUTES

1. *Motion to:*
- CNCL-9 (1) *adopt the minutes of the Regular Council meeting held on April 11, 2022; and*
- (2) *adopt the minutes of the Regular Council meeting for Public Hearings held on April 19, 2022. (distributed separately)*



AGENDA ADDITIONS & DELETIONS

COMMITTEE OF THE WHOLE

2. *Motion to resolve into Committee of the Whole to hear delegations on agenda items.*



3. Delegations from the floor on Agenda items.

PLEASE NOTE THAT FOR LEGAL REASONS, DELEGATIONS ARE NOT PERMITTED ON ZONING OR OCP AMENDMENT BYLAWS WHICH ARE TO BE ADOPTED OR ON DEVELOPMENT PERMITS/DEVELOPMENT VARIANCE PERMITS – ITEM NO. 16.

4. *Motion to rise and report.*



RATIFICATION OF COMMITTEE ACTION

CONSENT AGENDA

PLEASE NOTE THAT ITEMS APPEARING ON THE CONSENT AGENDA WHICH PRESENT A CONFLICT OF INTEREST FOR COUNCIL MEMBERS MUST BE REMOVED FROM THE CONSENT AGENDA AND CONSIDERED SEPARATELY.

RECOMMENDATIONS FROM COMMITTEE WILL APPEAR ON THE REVISED COUNCIL AGENDA, EITHER ON THE CONSENT AGENDA OR NON-CONSENT AGENDA DEPENDING ON THE OUTCOME AT COMMITTEE.

CONSENT AGENDA HIGHLIGHTS

- Receipt of Committee minutes
- 2022-2023 Richmond RCMP Detachment Annual Performance Plan - Community Priorities
- City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112
- Annual Property Tax Rates (2022) Bylaw No. 10374
- Recycling and Solid Waste Management – Report 2021: Rethink Waste to Support a Circular Economy
- Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361
- November 2021 Atmospheric River Events - Summary and Outcomes
- Traffic Safety Improvements around Schools – Update
- Barnes Drive and Flury Drive Traffic Calming – Report Back on Referral
- 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021

5. *Motion to adopt Items No. 6 through No. 15 by general consent.*

☐

Consent
Agenda
Item

6. **COMMITTEE MINUTES**

That the minutes of:

- CNCL-19 (1) the **Community Safety Committee** meeting held on April 12, 2022;
CNCL-23 (2) the **Special Finance Committee** meeting held on April 19, 2022;
CNCL-25 (3) the **General Purposes Committee** meeting held on April 19, 2022;
(4) the *Planning Committee* meeting held on April 20, 2022; and
(distributed separately)
(5) the *Public Works and Transportation Committee* meeting held on
April 20, 2022; (distributed separately)

be received for information.

☐

Consent
Agenda
Item

7. **2022-2023 RICHMOND RCMP DETACHMENT ANNUAL PERFORMANCE PLAN - COMMUNITY PRIORITIES**

(File Ref. No. 09-5000-01) (REDMS No. 6850963)

CNCL-28

See Page CNCL-28 for full report

COMMUNITY SAFETY COMMITTEE RECOMMENDATION

That the priorities, Property Crime, Organized Crime, Road Safety and Vulnerable Persons, listed in the staff report titled "2022-2023 Richmond RCMP Detachment Annual Performance Plan - Community Priorities", dated March 9, 2022 from the Officer in Charge, Richmond RCMP, be endorsed for inclusion in the Richmond RCMP Detachment's fiscal year 2022-2023 (April 1, 2022 to March 31, 2023) Annual Performance Plan.

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Consent
Agenda
Item

8. **CITY CENTRE DISTRICT ENERGY UTILITY BYLAW NO. 9895, AMENDMENT BYLAW NO. 10112**

(File Ref. No. 10-6600-10-04) (REDMS No. 6326977)

CNCL-36

[See Page CNCL-36 for full report](#)

GENERAL PURPOSES COMMITTEE RECOMMENDATION

That the City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112, presented in the “City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112” report, dated March 10, 2022, from the Director, Sustainability and District Energy, be introduced and given first, second, and third readings.

Consent
Agenda
Item

9. **ANNUAL PROPERTY TAX RATES (2022) BYLAW NO. 10374**

(File Ref. No. 03-0925-10-01) (REDMS No. 6864870)

CNCL-44

[See Page CNCL-44 for full report](#)

FINANCE COMMITTEE RECOMMENDATION

That the Annual Property Tax Rates (2022) Bylaw No. 10374 be introduced and given first, second and third readings.

Consent
Agenda
Item

10. **RECYCLING AND SOLID WASTE MANAGEMENT – REPORT 2021: RETHINK WASTE TO SUPPORT A CIRCULAR ECONOMY**

(File Ref. No. 10-6370-01) (REDMS No. 6858841)

CNCL-60

[See Page CNCL-60 for full report](#)

PUBLIC WORKS AND TRANSPORTATION COMMITTEE RECOMMENDATION

- (1) *That the report titled, “Recycling and Solid Waste Management – Report 2021: Rethink Waste to Support a Circular Economy”, dated March 16, 2022, from the Director, Public Works Operations, be endorsed; and*
- (2) *That the Report 2021: Rethink Waste to Support a Circular Economy be made available to the community on the City’s website and through various communication tools including social media channels and as part of community outreach initiatives.*

Pg. # ITEM

Consent
Agenda
Item

11. **SOLID WASTE AND RECYCLING REGULATION BYLAW NO. 6803, AMENDMENT BYLAW NO. 10361**
(File Ref. No. 10-6370-04-01) (REDMS No. 6608518)

CNCL-132

See Page CNCL-132 for full report

PUBLIC WORKS AND TRANSPORTATION COMMITTEE
RECOMMENDATION

- (1) *That the Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361, be introduced and given first, second and third readings;*
- (2) *That mercury containing and electronic thermostats be added to the scope of materials accepted at the Richmond Recycling Depot by registering with the Thermostat Recovery Program delivered by the Heating, Refrigeration and Air Conditioning Institute of Canada; and*
- (3) *That the Consolidated 5 Year Financial Plan (2022-2026) be amended accordingly.*



Consent
Agenda
Item

12. **NOVEMBER 2021 ATMOSPHERIC RIVER EVENTS - SUMMARY AND OUTCOMES**
(File Ref. No. 10-6045-01) (REDMS No. 6817597)

CNCL-140

See Page CNCL-140 for full report

PUBLIC WORKS AND TRANSPORTATION COMMITTEE
RECOMMENDATION

That staff apply the knowledge gained from the November 2021 atmospheric river event and response to inform future updates to the City's infrastructure plans and strategies, as well as future capital, operating and utility budget submissions.



Consent
Agenda
Item

13. **TRAFFIC SAFETY IMPROVEMENTS AROUND SCHOOLS – UPDATE**

(File Ref. No. 10-6450-09-01) (REDMS No. 6846745)

CNCL-148

See Page CNCL-148 for full report

PUBLIC WORKS AND TRANSPORTATION COMMITTEE RECOMMENDATION

That the staff report titled “Traffic Safety Improvements around Schools – Update” dated March 9, 2022, from the Director, Transportation:

- (1) *be received for information; and*
- (2) *be forwarded to the Richmond Council-School Board Liaison Committee for information.*



Consent
Agenda
Item

14. **BARNES DRIVE AND FLURY DRIVE TRAFFIC CALMING – REPORT BACK ON REFERRAL**

(File Ref. No. 12-8060-20-010301) (REDMS No. 6827939)

CNCL-156

See Page CNCL-156 for full report

PUBLIC WORKS AND TRANSPORTATION COMMITTEE RECOMMENDATION

- (1) *That Option 3 to establish a 30 km/h speed limit on Barnes Drive and Flury Drive, as described in the staff report titled “Barnes Drive and Flury Drive Traffic Calming – Report Back on Referral” dated March 15, 2022, from the Director, Transportation, be endorsed; and*
- (2) *That should Option 3 be endorsed, Traffic Bylaw No. 5870, Amendment Bylaw No. 10301, to revise the posted speed limit on Barnes Drive and Flury Drive to 30 km/h, be introduced and given first, second and third reading.*



Consent
Agenda
Item

15. **2019–2029 CULTURAL HARMONY PLAN PROGRESS REPORT FOR 2019–2021**

(File Ref. No. 07-3300-01) (REDMS No. 6860331)

CNCL-161

See Page CNCL-161 for full report

PLANNING COMMITTEE RECOMMENDATION

- (1) *That the 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 (Attachment 1) as outlined in the staff report titled, “2019–2029 Cultural Harmony Plan Progress Report for 2019–2021,” dated March 28, 2022, from the Director, Community Social Development, be received for information; and*
- (2) *That the 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 be distributed to key stakeholders, local Members of Parliament, local Members of the Legislative Assembly and be posted on the City website.*



CONSIDERATION OF MATTERS REMOVED FROM THE
CONSENT AGENDA

PUBLIC ANNOUNCEMENTS AND EVENTS

NEW BUSINESS

BYLAWS FOR ADOPTION

- CNCL-186** Revenue Anticipation Borrowing (2022) **Bylaw No. 10368**
Opposed at 1st/2nd/3rd Readings – None.

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DEVELOPMENT PERMIT PANEL

16. RECOMMENDATION

See DPP Plan Package (distributed separately) for full hardcopy plans

- CNCL-187**
CNCL-192
- (1) *That the **minutes** of the Development Permit Panel meeting held on April 13, 2022, and the **Chair's report** for the Development Permit Panel meeting held on September 15, 2021, be received for information; and*
- (2) *That the recommendations of the Panel to authorize the issuance of of Development Permit (DP 19-862430) for the property located at 8011 Leslie Road be endorsed, and the Permits so issued.*

☐

ADJOURNMENT

☐



Regular Council

Monday, April 11, 2022

Place: Council Chambers
Richmond City Hall

Present: Mayor Malcolm D. Brodie
Councillor Chak Au
Councillor Carol Day
Councillor Andy Hobbs
Councillor Alexa Loo
Councillor Bill McNulty
Councillor Linda McPhail
Councillor Harold Steves (by teleconference)
Councillor Michael Wolfe (by teleconference)

Corporate Officer – Claudia Jesson

Call to Order: Mayor Brodie called the meeting to order at 7:00 p.m.

RES NO. ITEM

MINUTES

- R22/7-1 1. It was moved and seconded
That:
- (1) *the minutes of the Regular Council meeting held on March 28, 2022, be adopted as circulated;*
 - (2) *the Metro Vancouver 'Board in Brief' dated March 25, 2022, be received for information.*



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Discussion ensued regarding the (i) financial impact of the Iona Island Wastewater Treatment plant upgrade project, (ii) new approaches to wet weather pricing, (iii) metrics on the use of the Iona Island Wastewater Treatment plant, and (iv) modular housing versus wood frame construction housing.

CARRIED

COMMITTEE OF THE WHOLE

- R22/7-2 2. It was moved and seconded
That Council resolve into Committee of the Whole to hear delegations on agenda items (7:08 p.m.).

CARRIED

3. Delegations from the floor on Agenda items –
Item No. 9 – Amendments To The Council Procedure Bylaw – Remote Public Participation
Teresa de La Boursodiere, Richmond resident requested information about the amendments to the Council Procedure Bylaw. In response to her inquiry, she was provided with a copy of the “Amendments To The Council Procedure Bylaw – Remote Public Participation” report.

- R22/7-3 4. It was moved and seconded
That Committee rise and report (7:12 p.m.).

CARRIED

CONSENT AGENDA

- R22/7-4 5. It was moved and seconded
That Items No. 6 through No. 14 be adopted by general consent.

CARRIED



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Monday, April 11, 2022**

6. COMMITTEE MINUTES

That the minutes of:

- (1) the Finance Committee meeting held on April 4, 2022;*
 - (2) the General Purposes Committee meeting held on April 4, 2022;*
 - (3) the Parks, Recreation and Cultural Services Committee meeting held on March 29, 2022; and*
 - (4) the Planning Committee meeting held on April 5, 2022*
- be received for information.*

CARRIED

7. 2022 ENVIRONMENTAL ENHANCEMENT GRANT PROGRAM

(File Ref. No. 03-1085-01, 01-0095-20-3712) (REDMS No. 6852646, 6853389, 6853390, 6852857, 6852856, 6854939)

- (1) That the 2022 Environmental Enhancement Grants be awarded for the total recommended amount of \$27,600 as identified in Attachment 1 of the staff report titled “2022 Environmental Enhancement Grant Program” dated March 9, 2022, from the Director, Parks Services;*
- (2) That the amendments to the City Grant Program Policy 3712 as identified in Attachment 5 of the staff report titled “2022 Environmental Enhancement Grant Program” dated March 9, 2022, from the Director, Parks Services be approved and that \$2,500 be awarded to the Sharing Farm Society; and*
- (3) That the grant funds be disbursed accordingly.*

CARRIED



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Monday, April 11, 2022**

8. PROGRAM PLAN FOR JAPANESE DUPLEX

(File Ref. No. 11-7141-01, 06-2050-20-BSYD-JD) (REDMS No. 6824261)

That Option 1, Visitor Welcome Centre, Retail and Dock Support Spaces, for the Japanese Duplex at the Britannia Shipyards National Historic Site as detailed in the staff report titled "Program Plan for Japanese Duplex," dated January 19, 2022, from the Director, Arts, Culture and Heritage Services be endorsed to guide future planning.

CARRIED

9. AMENDMENTS TO THE COUNCIL PROCEDURE BYLAW – REMOTE PUBLIC PARTICIPATION

(File Ref. No. 12-8125-80-14-05, 12-8060-20-010373) (REDMS No. 6860935, 6850252)

That Council Procedure Bylaw No. 7560, Amendment Bylaw No. 10373, which introduces amendments relating to the requirement for pre-registration for participation by means of electronic or other communication facilities, be introduced and given first, second and third readings.

CARRIED

10. APPOINTMENT OF EXTERNAL AUDITOR

(File Ref. No. 03-1000-20-6050P) (REDMS No. 6853618)

That KPMG LLP be appointed as the external financial auditor for the City of Richmond for a five-year period, beginning with the 2022 fiscal year that ends December 31, 2022 through to the 2026 fiscal year that ends December 31, 2026.

CARRIED

11. REVENUE ANTICIPATION BORROWING (2022) BYLAW NO. 10368

(File Ref. No. 03-0900-01, 12-8060-20-010368) (REDMS No. 6849317, 6849450)

That Revenue Anticipation Borrowing (2022) Bylaw No. 10368 be introduced and given first, second and third readings.

CARRIED



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Monday, April 11, 2022**

12. **APPLICATION BY PRAISE DESIGN & CONSTRUCTION INC. FOR REZONING AT 7420/7440 LANGTON ROAD FROM THE “TWO-UNIT DWELLINGS (RD1)” ZONE TO THE “SINGLE DETACHED (RS2/B)” ZONE**

(File Ref. No. RZ 21-927633; 12-8060-20-010369) (REDMS No. 6853570, 4811414)

That Richmond Zoning Bylaw 8500, Amendment Bylaw 10369, for the rezoning of 7420/7440 Langton Road from the “Two-Unit Dwellings (RD1)” zone to the “Single Detached (RS2/B)” zone, be introduced and given first reading.

CARRIED

13. **APPLICATION BY DOUG LOEWEN FOR REZONING AT 4880 GARRY STREET FROM THE “SINGLE DETACHED (RS1/E)” ZONE TO THE “SINGLE DETACHED (RS2/A)” ZONE**

(File Ref. No. RZ 21-936277; 12-8060-20-010370) (REDMS No. 6854836, 822951, 6856177)

That Richmond Zoning Bylaw 8500, Amendment Bylaw 10370, for the rezoning of 4880 Garry Street from the “Single Detached (RS1/E)” zone to the “Single Detached (RS2/A)” zone, be introduced and given first reading.

CARRIED

14. **ARTS SERVICES YEAR IN REVIEW 2021**

(File Ref. No. 11-7375-01) (REDMS No. 6848605)

That the Arts Services Year in Review 2021 as presented in the staff report titled, “Arts Services Year in Review 2021,” dated March 3, 2022, from the Director, Arts, Culture and Heritage Services, be circulated to Community Partners and Funders for their information.

CARRIED

CONSIDERATION OF MATTERS REMOVED FROM THE
CONSENT AGENDA



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NON-CONSENT AGENDA ITEMS

GENERAL PURPOSES COMMITTEE

Mayor Malcolm D. Brodie, Chair

15. PROPOSED ONGOING CITY OF RICHMOND PATIO PROGRAM

(File Ref. No. 08-4150-01, 12-8275-01, 12-8060-20-010350/010362/010363/010366/010367) (REDMS No. 6858515, 6829705, 6833446, 6834181, 6845406, 6845405)

In accordance with Section 100 of the *Community Charter*, Councillor Linda McPhail declared to be in a conflict of interest as her husband has an interest in a business that has participated in the temporary patio program, and left the meeting at 7:48 p.m.

R22/7-5

It was moved and seconded

- (1) *That the City of Richmond Patio Program, as described in the staff report titled "Proposed Ongoing City of Richmond Patio Program", dated March 14, 2022, from the General Manager, Community Safety, be approved for implementation;*
- (2) *That Council introduce a new process for issuing patio permits as described in the staff report titled "Proposed Ongoing City of Richmond Patio Program", from the General Manager, Community Safety, dated March 14, 2022, by giving first, second and third readings to:*
 - (a) *Public Space Patio Regulation Bylaw 10350;*
 - (b) *Development Permit, Development Variance Permit and Temporary Commercial and Industrial Use Permit Procedure Bylaw No. 7273, Amendment Bylaw No. 10366;*
 - (c) *Consolidated Fees Bylaw No. 8636, Amendment Bylaw No. 10367; and*
 - (d) *Heritage Procedures Bylaw No. 8400, Amendment Bylaw No. 10363;*



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- (3) *That Richmond Official Community Plan Bylaw 7100, Amendment Bylaw No. 10362 be introduced and given first reading;*
- (4) *That Richmond Official Community Plan Bylaw 7100, Amendment Bylaw No. 10362, having been considered in conjunction with:*
 - (a) *the City's Financial Plan and Capital Program; and*
 - (b) *the Greater Vancouver Regional District Solid Waste and Liquid Waste Management Plans;**is hereby found to be consistent with said program and plans, in accordance with Section 477(3)(a) of the Local Government Act;*
- (5) *That Richmond Official Community Plan Bylaw No. 7100, Amendment Bylaw No. 10362, having been considered in accordance with Section 475 of the Local Government Act and the City's Official Community Plan Bylaw Preparation Consultation Policy 5043, is found not to require further consultation;*
- (6) *That the expiry date for valid Expedited Temporary Outdoor Patio (TOP) Permits be extended to June 1, 2023;*
- (7) *That a letter be sent to the BC Liquor and Cannabis Regulation Branch (LCRB) requesting an extension to existing Temporary Expanded Service Area authorizations in Richmond until June 1, 2023; and*
- (8) *That staff be directed to provide an update in the fall of 2023 to Council regarding implementation of the City of Richmond Patio Program.*

The question on the motion was not called as discussion ensued in regards to (i) 64 percent of the businesses involved in the Temporary Patio Program will continue using the program, (ii) design and appearance of the patio should compliment the neighborhood, (iii) guidelines have been put into place to help businesses create patios that are compatible to the surrounding environment, and (iv) the Patio Program will provide businesses flexibility for seating during the summer season.

The question on the motion was called and **CARRIED**

Councillor McPhail returned to the meeting at 7:59 p.m.



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PUBLIC ANNOUNCEMENTS AND EVENTS

Mayor Brodie announced the retirement of George Duncan, Chief Administrative Officer, City of Richmond at the end of June after 35 years of service.

Mayor Brodie announced the retirement of Tim Wilkinson, Fire Chief, at the end of April after 34 years of service.

Mayor Brodie advised that the City will be receiving funding of \$2.23 million to fund a new Arts and Culture Centre repurposing the old Minoru Seniors Centre site.

BYLAWS FOR ADOPTION

R22/7-6

It was moved and seconded

***Richmond Zoning Bylaw No. 8500, Amendment Bylaw No. 10088;
Housing Agreement Bylaw No. 10129; and
Richmond Zoning Bylaw No. 8500, Amendment Bylaw No. 10244***

CARRIED

DEVELOPMENT PERMIT PANEL

R22/7-7

16. It was moved and seconded

- (1) ***That the Chair's reports for the Development Permit Panel meetings held on March 12, 2021 and March 16, 2022, be received for information; and***
- (2) ***That the recommendations of the Panel to authorize the issuance of:***
 - (a) ***a Development Permit (DP 18-829082) for the property located at 10231, 10251, 10351, 10371, 10391, 10395 and 10397 No. 2 Road; and***



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- (b) *a Development Permit(DV 21-930451) for the property located at 10620 Williams Road;*
be endorsed, and the Permits so issued.

CARRIED

PUBLIC DELEGATIONS ON NON-AGENDA ITEMS

- R22/7-8 17. It was moved and seconded
That Council resolve into Committee of the Whole to hear delegations on non-agenda items (8:07 p.m.).

CARRIED

- (1) Teresa de La Boursodiere, Richmond resident expressed her support for the City's initiative of banning pesticides and rodenticides on City owned properties. She also requested that the City consider a city-wide ban on pesticides and rodenticides and spoke about the need to educate and provide incentives to consumers to use non toxic products.

As a result of the discussion, the following **referral motion** was introduced:

- R22/7-9 It was moved and seconded
That staff examine the feasibility of a City-wide ban on pesticides and rodenticides and report back.

CARRIED

- (2) Kai Sharpe and Treva Martel, organizers with UNITE HERE Local 40, (copy on file) spoke about their on going labour dispute with the Pacific Gateway Hotel and requested that the City not hold any of their events at the hotel and not approve the ongoing land use application submitted by the hotel owners. As a result of the discussion, the following **referral motion** was introduced:

- R22/7-10 It was moved and seconded



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That staff investigate the resolution that UNITE HERE local 40 has presented and report back with recommendations within a month.

The question on the motion was not called as discussion ensued regarding how much money was spent by the City at the Pacific Hotel in the last 3 years and how much money or sponsorship has been received from this hotel by the City in the last 3 years.

The question on the referral motion was called and **CARRIED**

- (3) Mike Ingel, Vancouver resident expressed his concerns regarding the use of masks in the City of Richmond. (copy on file)

- R22/7-11 18. It was moved and seconded
That Committee rise and report (8:42 p.m.).

CARRIED

ADJOURNMENT

- R22/7-12 It was moved and seconded
That the meeting adjourn (8:42 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the Regular meeting of the Council of the City of Richmond held on April 11, 2022.

Mayor (Malcolm D. Brodie)

Corporate Officer (Claudia Jesson)



Community Safety Committee

Date: Tuesday, April 12, 2022

Place: Council Chambers
Richmond City Hall

Present: Councillor Linda McPhail, Chair
Councillor Carol Day, Vice-Chair
Councillor Andy Hobbs
Councillor Alexa Loo (by teleconference)
Councillor Bill McNulty
Councillor Harold Steves (by teleconference)

Also Present: Councillor Chuck Au
Councillor Michael Wolfe (by teleconference)

Call to Order: The Chair called the meeting to order at 4:00 p.m.

MINUTES

It was moved and seconded
*That the minutes of the meeting of the Community Safety Committee held on
March 15, 2022, be adopted.*

CARRIED

NEXT COMMITTEE MEETING DATE

May 10, 2022, (tentative date) at 4:00 p.m. in the Council Chambers

Community Safety Committee
Tuesday, April 12, 2022

COMMUNITY SAFETY DIVISION

1. **COMMUNITY BYLAWS ANIMAL PROTECTION SERVICES MONTHLY ACTIVITY REPORT –FEBRUARY 2022**
(File Ref. No. 12-8060-01) (REDMS No. 6851608)

In reply to a query from the Committee, staff advised that the new email address for animal services was established in order to separate animal services and bylaw requests. The BC SPCA and the Animal Protection Service department will be responsible for responding to emails.

It was moved and seconded

That the staff report titled “Community Bylaws Animal Protection Services Monthly Activity Report – February 2022”, dated March 14, 2022, from the General Manager, Community Safety, be received for information.

CARRIED

2. **PROPERTY USE AND PARKING ENFORCEMENT MONTHLY ACTIVITY REPORT – FEBRUARY 2022**
(File Ref. No. 12-8060-00) (REDMS No. 6851616)

It was moved and seconded

That the staff report titled “Property Use and Parking Enforcement Monthly Activity Report - February 2022”, dated March 14, 2022, from the General Manager, Community Safety, be received for information.

CARRIED

3. **RICHMOND FIRE-RESCUE MONTHLY ACTIVITY REPORT – FEBRUARY 2022**
(File Ref. No. 09-5375-03) (REDMS No. 6849911)

In reply to a query from the Committee, staff advised that Public Education staff will develop a plan to raise public awareness regarding the need to clean dryer vents.

It was moved and seconded

That the staff report titled “Richmond Fire-Rescue Monthly Activity Report – February 2022”, dated March 14, 2022, from the Acting Fire Chief, be received for information.

CARRIED

Community Safety Committee
Tuesday, April 12, 2022

4. **FIRE CHIEF BRIEFING**

(Verbal Report)

(i) ***Emergency Preparedness Week***

Chief Wilkinson noted that Emergency Preparedness Week will be held May 1-8, 2022. Several events will be held and 23 different agencies will be involved in the programming.

(ii) ***Retirement of Fire Chief***

The Fire Chief thanked the Committee for their support over the years. The Chair reviewed the Fire Chief's career milestones, thanked him for his service, and wished him all the best in his retirement.

The new Chief Superintendent Dave Chauhan was introduced to the Committee.

5. **2022-2023 RICHMOND RCMP DETACHMENT ANNUAL PERFORMANCE PLAN -COMMUNITY PRIORITIES**

(File Ref. No. 09-5000-01) (REDMS No. 6850963)

In reply to a query from the Committee, staff advised that, due to the lifting of COVID-19 restrictions, CS34 training for police officers and volunteers has resumed.

It was moved and seconded

That the priorities, Property Crime, Organized Crime, Road Safety and Vulnerable Persons, listed in the staff report titled "2022-2023 Richmond RCMP Detachment Annual Performance Plan - Community Priorities", dated March 9, 2022 from the Officer in Charge, Richmond RCMP, be endorsed for inclusion in the Richmond RCMP Detachment's fiscal year 2022-2023 (April 1, 2022 to March 31, 2023) Annual Performance Plan.

CARRIED

6. **RCMP MONTHLY ACTIVITY REPORT - FEBRUARY 2022**

(File Ref. No. 09-5000-01) (REDMS No. 6846045)

In reply to a query from the Committee, staff advised of the detachment's plan to hold an annual academy solely for Richmond youth, rather than joining the Cultus Academy.

It was moved and seconded

That the staff report titled "RCMP Monthly Activity Report- February 2022", dated March 8, 2022, from the Acting Officer in Charge, Richmond RCMP Detachment, be received for information.

CARRIED

Community Safety Committee

Tuesday, April 12, 2022

7. **RCMP/OIC BRIEFING**

(Verbal Report)

There were no items for discussion

8. **MANAGER'S REPORT**

(i) *Non-Medical Cannabis Consumption Sites*

It was noted that Council has been informed of the consultation being undertaken on non-medicinal cannabis consumption sites. Councillors have been encouraged to provide timely input.

(ii) *Referral for River Road*

In reply to a query from the Committee, staff advised that ownership, usage and illegal activities occurring on specific sites are being investigated in response to the referral. The report will provide details in aggregate.

As a result of the discussion, the following *referral motion* was introduced:

It was moved and seconded

That the staff be directed to investigate 17271 River Road and 17391 River Road, with reference to jurisdiction, ownership, occupancy and compliance with relevant bylaws and other activities.

CARRIED

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (4:21 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Community Safety Committee of the Council of the City of Richmond held on Tuesday, April 12, 2022.

Councillor Linda McPhail
Chair

Haely Lindau
Recording Secretary



Special Finance Committee

Date: Tuesday, April 19, 2022

Place: Council Chambers
Richmond City Hall

Present: Mayor Malcolm D. Brodie, Chair
Councillor Chak Au
Councillor Carol Day
Councillor Andy Hobbs
Councillor Alexa Loo
Councillor Bill McNulty
Councillor Linda McPhail (by teleconference)
Councillor Harold Steves (by teleconference)
Councillor Michael Wolfe (by teleconference)

Call to Order: The Chair called the meeting to order at 4:15 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Finance Committee held on April 4, 2022, be adopted as circulated.

CARRIED

FINANCE AND CORPORATE SERVICES DIVISION

1. **ANNUAL PROPERTY TAX RATES (2022) BYLAW NO. 10374**
(File Ref. No. 03-0925-10-01) (REDMS No. 6864870)

It was moved and seconded

That the Annual Property Tax Rates (2022) Bylaw No. 0374 be introduced and given first, second and third readings.

CARRIED

Finance Committee
Tuesday, April 19, 2022

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (4:19 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Finance Committee of the Council of the City of Richmond held on Tuesday, April 19, 2022.

Mayor Malcolm D. Brodie
Chair

Lorraine Anderson
Legislative Services Associate



General Purposes Committee

Date: Tuesday, April 19, 2022

Place: Council Chambers
Richmond City Hall

Present: Mayor Malcolm D. Brodie, Chair
Councillor Chak Au
Councillor Carol Day
Councillor Andy Hobbs
Councillor Alexa Loo
Councillor Bill McNulty
Councillor Linda McPhail (by teleconference)
Councillor Harold Steves (by teleconference)
Councillor Michael Wolfe (by teleconference)

Call to Order: The Chair called the meeting to order at 4:00 p.m.

AGENDA ADDITION

It was moved and seconded

That Affordable Housing Development Procedures be added to the agenda as Item No. 3.

CARRIED

MINUTES

It was moved and seconded

That the minutes of the meeting of the General Purposes Committee held on April 4, 2022, be adopted as circulated.

CARRIED

General Purposes Committee
Tuesday, April 19, 2022

ENGINEERING AND PUBLIC WORKS DIVISION

1. CITY CENTRE DISTRICT ENERGY UTILITY BYLAW NO. 9895, AMENDMENT BYLAW NO. 10112

(File Ref. No. 10-6600-10-04) (REDMS No. 6326977)

A brief discussion ensued with respect to the City's district energy system's ability to utilize different low carbon fuel sources and the future low carbon fuel switching capability of the technology.

Staff noted there are approximately 5,000 residential units connected to the system so far, with full buildout in the City Centre anticipated to be at least 50,000 units.

It was moved and seconded

That the City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112, presented in the "City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112" report, dated March 10, 2022, from the Director, Sustainability and District Energy, be introduced and given first, second, and third readings.

CARRIED

COMMUNITY SAFETY DIVISION

2. SISTER CITY ADVISORY COMMITTEE 2021 YEAR IN REVIEW

(File Ref. No. 01-0100-30-SCIT1-01) (REDMS No. 6857517)

Staff noted that planning is underway for the SCAC 2023–2026 Four Year Activity Plan, anticipated to be brought forward to Council in fall 2022.

A brief discussion ensued with respect to additional funding sources for student/sport exchange opportunities.

It was moved and seconded

That the staff report titled "Sister City Advisory Committee 2021 Year in Review", dated March 23, 2022, from the General Manager, Community Safety, be received for information.

CARRIED

MAYOR'S OFFICE

3. AFFORDABLE HOUSING DEVELOPMENT PROCEDURES

(File Ref. No.)

It was noted that the City of Victoria recently approved a new policy that

2.

General Purposes Committee
Tuesday, April 19, 2022

abolishes the need to rezone or hold a public hearing for affordable housing building development proposals.

Discussion ensued with respect to the potential for a similar policy appropriate for the City of Richmond, noting that additional information is needed, e.g. the number of units (ratio) in a complex that would qualify for affordable housing.

As a result of the discussion, the following referral motion was introduced:

It was moved and seconded

That the City of Victoria policy on affordable housing development procedures be referred to staff to analyze, including what is involved and what the options are, and provide recommendations as to whether this would be an appropriate approach in whole or in part for the City of Richmond.

CARRIED

ADJOURNMENT

It was moved and seconded

That the meeting adjourn (4:15 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the General Purposes Committee of the Council of the City of Richmond held on Tuesday, April 19, 2022.

Mayor Malcolm D. Brodie
Chair

Lorraine Anderson
Legislative Services Associate



City of Richmond

Report to Committee

To: Community Safety Committee **Date:** March 9, 2022
From: Julie Drotar **File:** 09-5000-01/2022-Vol
Superintendent, Acting Officer in Charge 01
Re: **2022-2023 Richmond RCMP Detachment Annual Performance Plan –
Community Priorities**

Staff Recommendation

That the priorities, Property Crime, Organized Crime, Road Safety and Vulnerable Persons, listed in the staff report titled "2022-2023 Richmond RCMP Detachment Annual Performance Plan – Community Priorities", dated March 9, 2022 from the Officer in Charge, Richmond RCMP, be endorsed for inclusion in the Richmond RCMP Detachment's fiscal year 2022-2023 (April 1, 2022 to March 31, 2023) Annual Performance Plan.

Julie Drotar
Superintendent, Acting Officer in Charge
(604-278-1212)

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER 	
SENIOR STAFF REPORT REVIEW	INITIALS:
APPROVED BY CAO 	

Staff Report

Origin

The Officer in Charge (OIC) of the Richmond RCMP Detachment (Richmond Detachment) is committed to aligning the Richmond Detachment's strategic goals with the City of Richmond's vision "to be the most appealing, livable and well-managed community in Canada" and the RCMP's vision to promote safe communities. As such, the Richmond Detachment requests Council's input into the development of its Annual Performance Plan (APP) for the 2022-2023 fiscal year (April 1, 2022 to March 31, 2023).

This report supports Council's Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.1 Enhance safety services and strategies to meet community needs.

Findings of Fact

Background

The APP delivers planning and performance management to the Richmond Detachment and ensures policing initiatives are aligned with the City of Richmond and RCMP strategic priorities. The APP allows the OIC to systematically evaluate and manage police resources, programs and operations. It also provides a valuable consultation and reporting mechanism for the City of Richmond, the Commanding Officer of RCMP "E" Division and Richmond Detachment staff.

Planning

The OIC is committed to regular engagement with Council and City staff to identify opportunities for improved service delivery in the community. The Richmond Detachment also promotes community and stakeholder engagement in developing responses to policing priorities. This process contributes to a robust framework for strategic planning activities and allows for the coordination of policing objectives with the unique needs of the City of Richmond, as well as the RCMP's national, provincial and district initiatives. Measurements, targets and integrated risk assessments for policing initiatives are also created annually to monitor performance and manage opportunities and risks.

The priorities recommended for the APP are not an exhaustive list of the Richmond Detachment's policing objectives. Rather, they are selected in alignment with the following strategic pillars identified in the 2021-2025 Richmond RCMP Detachment Strategic Plan:

- People
- Promoting Public Safety
- Targeted Enforcement

In addition, the RCMP's Vision 150 guides additional goals and objectives for the RCMP nationwide.¹ These and other guiding documents allow for a tailored and expansive approach to strategic planning and performance management activities at the Richmond Detachment, which are not confined to the APP.

Quarterly Performance Updates

Every quarter, Council receives an update on the status of the APP, which highlights the progress of objectives and policing initiatives, as well as communicates whether planned targets are on-track. For those measures which are not on-track, an assessment is conducted to determine whether alternative responses would be effective.

Annual Performance Plan Features

The APP is designed to facilitate the best management and administrative practices for RCMP Units and Detachments and provides the foundation for the following five organizational initiatives:²

- Contract and Aboriginal Policing Community Plans;
- Integrated Risk Management;
- Unit Level Quality Assurance;
- Performance Management; and
- Performance Improvement.

Analysis

Community Priorities

The Community Priorities outlined in the APP are selected through the ongoing strategic planning process. This includes the analysis of police statistics and emerging public safety issues, the review of existing programs and initiatives and the contributions of regular discussions with stakeholders, including interviews conducted in support of the 2021-2025 Richmond RCMP Detachment Strategic Plan. Community engagement conducted through the Let's Talk Richmond platform in March 2020 has continued through the exchange of ongoing stakeholder discussions which includes dialogue related to future program and initiative implementations.

The selected priorities are comprehensively reviewed to identify possible opportunities and risks and initiatives in support of each priority are then developed through a collaborative planning process. A target performance measure is also assigned to each priority to assist with evaluating the success and impacts of the initiatives.³ This process facilitates an effective response to the identified objectives and provides an opportunity to demonstrate accountability to stakeholders and the broader community.

¹ Vision 150 and beyond is the RCMP's Strategic Plan, <https://www.rcmp-grc.gc.ca/vision150/strategic-plan-strategique/index-eng.htm>

² As per RCMP Administrative Manual Chapter 18.2 Annual Performance Plan

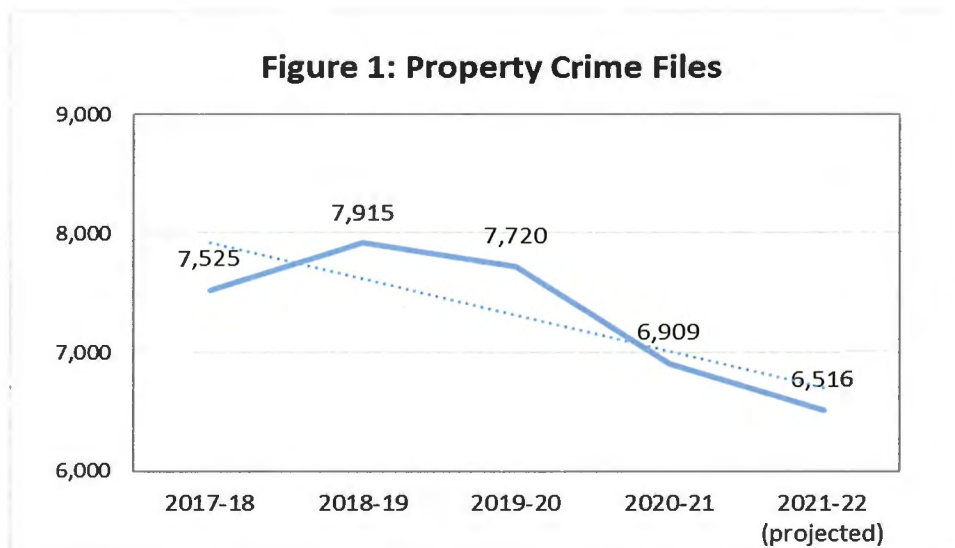
³ Performance measures will be presented in the quarterly updates.

Due to challenges associated with the COVID-19 pandemic, many of the initiatives included in the previous year's APP were not fully realized. This included restrictions on training opportunities for police officers and volunteers, in addition to crime prevention program limitations. After assessing these impacts and analyzing recent crime trends and stakeholder feedback, the OIC is recommending that Council align this year's priorities with those of the previous year in order to maintain the Richmond Detachment's commitment to these strategic priorities, while also continuing to develop the responses and initiatives promoting these objectives. As such, the OIC is recommending the following four priorities for this year's APP (April 1, 2022 to March 31, 2023):

1. Property Crime;
2. Organized Crime;
3. Road Safety; and
4. Vulnerable Persons.

Property Crime

Statistical analysis of property crime incidents for the last five years has identified a decreasing trend, with prominent reductions in the 2020-21 and 2021-22 fiscal years. However, property crime remains a community priority in order to ensure these reductions are sustained. The COVID-19 pandemic contributed to a reduction in property crimes and there is the potential for increases in these crime types as behaviours return to pre-pandemic patterns.



The Richmond Detachment has continued to deploy a robust crime reduction strategy built on intelligence-led crime analysis to target property crimes. These responsive measures include the management of prolific offenders, proactive policing initiatives, collaborations with partner agencies and targeted enforcement projects, in addition to increased training for police officers. Police will continue to deploy these measures while also working to develop enhanced engagement and communication strategies including increasing public awareness of crime prevention measures and programs. This will include ongoing public messaging regarding emerging trends, including cyber-frauds, such as cryptocurrency scams.

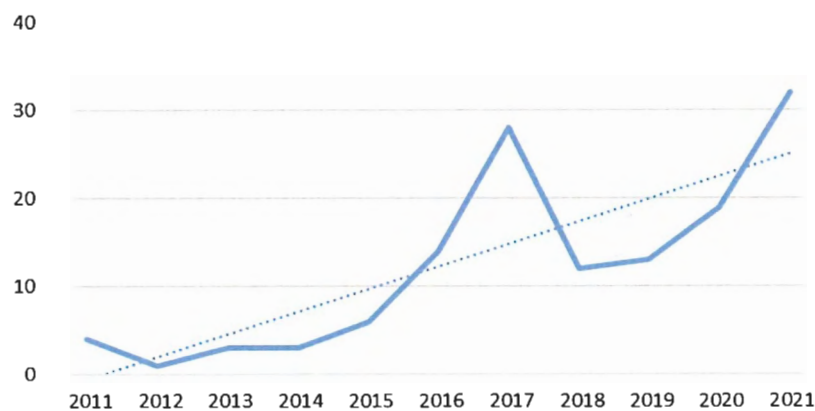
The Richmond Detachment is also looking to expand existing crime prevention initiatives by enhancing public outreach and police visibility, including the use of Pop-Up detachment events, high visibility foot patrols and business outreach. In addition to serving as crime prevention measures, these activities, along with the Block Watch program, also help enhance public perceptions of community safety. Volunteer programs such as Lock Out Auto Crime, Crime Watch and bike patrols are additional tools to support crime prevention initiatives, which will continue to be pursued this fiscal year.

Organized Crime

The Richmond Detachment has maintained organized crime as a community priority. While the overall violent crime rate has been decreasing in Richmond, the OIC is committed to combatting organized criminal activities, which include drug trafficking, drug production, fraudulent activities and money laundering. These activities pose numerous public safety concerns, including the dangers of clandestine drug labs and gang violence.

Over the last 10 years, the number of deaths in Richmond related to illicit drug toxicity have been trending upwards.⁴ While there was a notable decrease in 2018, the numbers began to spike in subsequent years. Police recognize the danger that these illicit drugs pose to the community and specialized investigators have worked to target drug trafficking and drug production. In the 2021-2022 fiscal year, investigators conducted a number of organized crime-related investigations, which led to notable arrests and the seizure of various quantities of drugs and cash.

Figure 2: Illicit Drug Toxicity Deaths



The Richmond Detachment continues to prioritize investigations and measures that target the disruption of organized crime. These initiatives include gang suppression patrols, projects

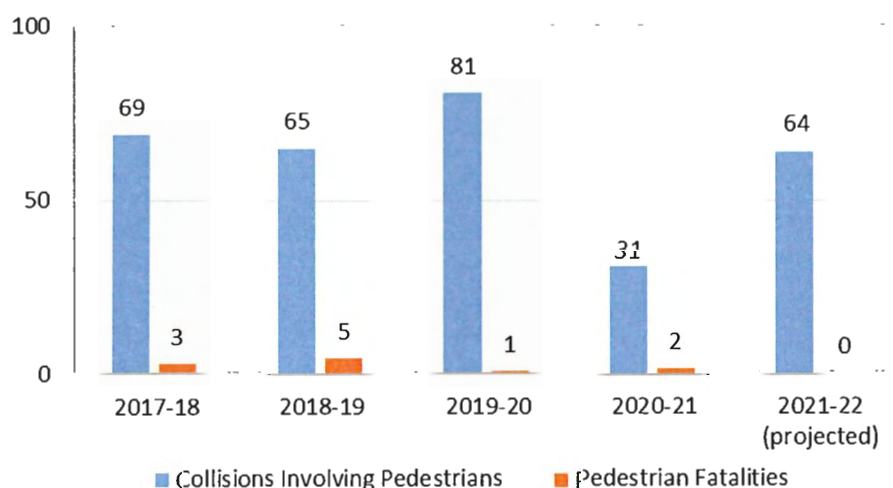
⁴ <https://www2.gov.bc.ca/assets/gov/birth-adoption-death-marriage-and-divorce/deaths/coroners-service/statistical/illicit-drug.pdf>

targeting illicit gaming locations and outreach to money service businesses, in addition to programs promoting youth education, intervention and engagement.

Road Safety

The Richmond Detachment continues to work on enhancing safety on Richmond's roads and has maintained Road Safety as a community priority. This objective has been approached with a comprehensive road safety strategy built on intelligence-led analysis, the engagement of community policing volunteers, public education campaigns and ongoing proactive enforcement efforts. Vehicle collisions involving pedestrians decreased in the 2020-2021 fiscal year, which is partially attributed to the onset of the COVID-19 pandemic but began to increase the following year. However, pedestrian fatality numbers decreased in the 2021-2022 fiscal year.

Figure 3: Vehicle Collisions Involving Pedestrians



The Richmond Detachment has been promoting public education campaigns and leveraging social media to increase awareness of road safety topics, including distracted driving, speeding, impaired driving and pedestrian safety. In addition, the Community Engagement Team and volunteers have conducted road safety outreach and deployments targeting these concerns. These actions have included Fail to Stop and Speed Watch deployments, as well as pedestrian safety outreach events where thousands of safety reflectors were distributed throughout Richmond.

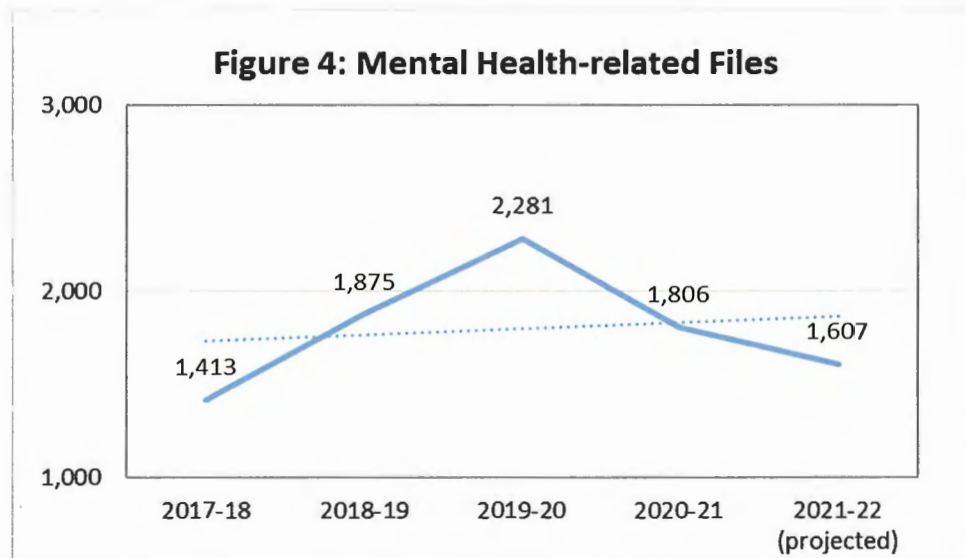
This consistent messaging, along with ongoing targeted enforcement efforts will remain a priority this fiscal year. Enforcement projects continue to be based on collision data and feedback received from the community. In addition, the Youth Section continues to conduct regular enforcement projects in school zones.

Vulnerable Persons

The Richmond Detachment is maintaining Vulnerable Persons as a community priority. After several years of increases, mental health-related calls for service in Richmond began to decline in the 2020-2021 fiscal year. This has been attributed to a number of factors including the launch

of the Fox 80 Mental Health Car (Fox 80) in October 2019, in partnership with Vancouver Coastal Health. This program, which consists of a mental health nurse and police officer providing a joint response to calls where mental health is a concern, provides specialized support to clients in crisis.

While the number of files has started to trend downwards, the demand on police resources remains high. The average hospital wait time and number of police apprehensions increased in 2021, by 24 and 16 per cent respectively.



In order to address these challenges, the Vulnerable Persons Unit has worked to promote collaborative responses to complex social issues surrounding vulnerable persons, including mental health concerns, addiction and homelessness. Moreover, the Richmond Detachment has taken on a leadership role in enhancing partnerships and client support services by working with stakeholders to find viable solutions to assist vulnerable clients.

Fox 80 is the most prominent of these programs; however, there are various ongoing initiatives in place, including homeless outreach, collaboration with the Assertive Community Treatment team and participation in the Joint Operations Team. This fiscal year, the Richmond Detachment will continue to focus on collaborative responses to issues surrounding vulnerable persons, while also working on increasing member training and awareness surrounding these issues.

Financial Impact

None.

Conclusion

Richmond Detachment requests Council select the following as Community Priorities for inclusion in the 2022-2023 Annual Performance Plan (April 1, 2022 to March 31, 2023):

March 9, 2022

- 8 -

1. Property Crime;
2. Organized Crime;
3. Road Safety; and
4. Vulnerable Persons.

The targeted activities, as described in the Community Priorities, will include a focus on intelligence-led policing, offender management, officer visibility and crime reduction initiatives through community education, engagement and partnerships, as well as intervention and prevention programs.

A handwritten signature in blue ink, appearing to read "E. Warzel".

Edward Warzel
Manager, RCMP Administration
(604-207-4767)

EW:



To: General Purposes Committee

Date: March 10, 2022

From: Peter Russell, MCIP RPP
Director, Sustainability and District Energy

File: 10-6600-10-04/2019-Vol 01

Re: City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112

Staff Recommendation

That the City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112, presented in the “City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112” report dated March 10, 2022, from the Director, Sustainability and District Energy, be introduced and given first, second, and third readings.

Peter Russell, MCIP RPP
Director, Sustainability and District Energy
(604-276-4130)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Development Applications	<input checked="" type="checkbox"/>	
Law	<input checked="" type="checkbox"/>	
REVIEWED BY SMT	INITIALS:	APPROVED BY CAO

Staff Report

Origin

The purpose of this report is to recommend expansion of the City Centre District Energy Utility (CCDEU) service area to include a mixed residential, retail, and office development located at 5740, 5760, and 5800 Minoru Boulevard, associated with rezoning application RZ 18-807640.

This report supports Council's Strategic Plan 2018-2022 Strategy #2 A Sustainable and Environmentally Conscious City:

Environmentally conscious decision-making that demonstrates leadership in implementing innovative, sustainable practices and supports the City's unique biodiversity and island ecology.

2.1 Continued leadership in addressing climate change and promoting circular economic principles.

2.2 Policies and practices support Richmond's sustainability goals.

In February 2018, as directed by LIEC Board and as endorsed by Council, LIEC executed a Memorandum of Understanding (MOU) with Corix Utilities Inc. (Corix) to conduct feasibility analysis to design, build, finance, and operate a district energy utility in Richmond's City Centre area.

While this CCDEU feasibility analysis has been progressing, staff identified the opportunity to secure a customer base for the immediate implementation of GHG emissions reduction through the rezoning and/or OCP amendment application process. To date, 11 development applicants have committed to construct and transfer low carbon energy plants to the City or LIEC at no cost to the City or LIEC through either of these processes, so that LIEC can provide immediate service to these customers. Council adopted the CCDEU Bylaw No. 9895 in September 2018 to secure the commitment from developments. See Attachment 1 for a brief summary of the currently committed spaces under the CCDEU Bylaw along with an overview of the other DEU service areas.

Analysis

A staff report for the rezoning and OCP amendment application for 5740, 5760, and 5800 Minoru Boulevard (RZ 18-807640) was brought forward to Public Hearing on September 20, 2020 where the corresponding Official Community Plan Bylaw 7100, amendment Bylaws 10136 and 10137 and Richmond Zoning Bylaw 8500, Amendment Bylaw 10138 were given second and third reading.

The four-tower, residential, retail, and office development is estimated to include a total floor area of approximately 523,297 ft² consisting of approximately 332,740 ft² residential space, 23,282 ft² retail space, 159,587 ft² office space, and 7,688 ft² indoor community amenity space.

Expanding the CCDEU service area to include a development of this type results in the following direct benefits:

- Immediate reduction of greenhouse gas (GHG) emissions compared to business as usual;
- Expansion of LIEC's customer base under a positive stand-alone business case while the City Centre strategy develops;
- Providing financial and environmental stability to customers; and
- Increasing the community's energy resiliency.

The rezoning considerations for this development include a requirement for a legal agreement that, if the City elects, would require the developer to transfer ownership of the development's centralized low carbon energy plant to the City or LIEC at no cost to the City or LIEC.

LIEC staff conducted a business case analysis for owning and operating this development's energy plant which yielded positive results. Staff used the rate structure applicable for developments under the CCDEU Bylaw service area, which is competitive with the conventional energy costs providing the same level of service.

The LIEC Board of Directors recommends expanding the CCDEU Bylaw service area to include the mixed-use development located at 5740, 5760, and 5800 Minoru Boulevard.

Financial Impact

The centralized energy system will be designed and constructed by developers at their cost. Costs incurred by LIEC for engineering support and operations and maintenance will be funded from LIEC capital and operating budgets. All LIEC costs will be recovered from customers' fees.

Conclusion

Expanding services in the City Centre area to include the mixed residential, retail, and office development proposed at 5740, 5760, and 5800 Minoru Boulevard (RZ 18-807640) will allow for immediate expansion of LIEC's customer base and enhanced opportunities for connectivity to future low-carbon district energy systems in Richmond's City Centre. In addition, the inclusion of the subject development in the City Centre district energy system will increase the community's energy resiliency by taking advantage of the system's ability to utilize different fuel sources and the future fuel switching capability of the technology.



Peter Russell, MCIP RPP
Director, Sustainability and District Energy
(604-276-4130)

PR:cd

Att. 1: District Energy in Richmond

Att. 2: Map of Current and Future District Energy Utility Areas in Richmond

District Energy in Richmond

Richmond's 2041 Official Community Plan (OCP) establishes a target to reduce greenhouse gas (GHG) emissions 33 per cent below 2007 levels by 2020 and 80 per cent by 2050. The OCP also aims to reduce energy use 10 per cent below 2007 levels by 2020. The City identified district energy utilities (DEUs) as a leading strategy to achieve the City's GHG reduction goals.

The City incorporated Lulu Island Energy Company Ltd. (LIEC) in 2013 for the purposes of carrying out the City's district energy initiatives. LIEC owns and operates the Alexandra District Energy (ADEU) and Oval Village District Energy (OVDEU) Utilities and advances new district energy opportunities. Table 1 below provides a summary of the developments connected under the DEU service areas to-date.

Table 1 – District Energy Utility Service Areas

	Buildings To-Date	Residential Units To-Date	Floor Area	
			To-Date	Build-out
Alexandra District Energy Utility	13	2,200	2.3M ft ²	4.4M ft ²
Oval Village District Energy Utility	11	2,541	2.9M ft ²	6.4M ft ²
City Centre District Energy Utility	11 ⁽¹⁾	3,388 ⁽¹⁾	5.0M ft ² ⁽¹⁾	48M ft ²
DEU-Ready Developments ⁽²⁾	17	4,524	5.3M ft ²	N/A
Total Connected Floor Area			5.8M ft² ⁽³⁾	58.8M ft²

(1) Commitments secured from upcoming developments in the City Centre; first connection occurred in January 2022.

(2) DEU-Ready developments are designed to connect to the City Centre district energy system at a future point.

(3) The "To-Date Connected Floor Area" figure corresponds to constructed developments currently served by a DEU.

Alexandra District Energy Utility (ADEU)

ADEU provides heating and cooling services to ten residential buildings in the ADEU service area, the large commercial development at "Central at Garden City", the Richmond Jamatkhana temple and Fire Hall No. 3, comprising over 2,200 residential units and over 2.3 million square feet of floor area. While some electricity is consumed for pumping and equipment operations, most of this energy is currently produced locally from the geo-exchange fields in the greenway corridor and West Cambie Park, and highly efficient air source heat pumps.

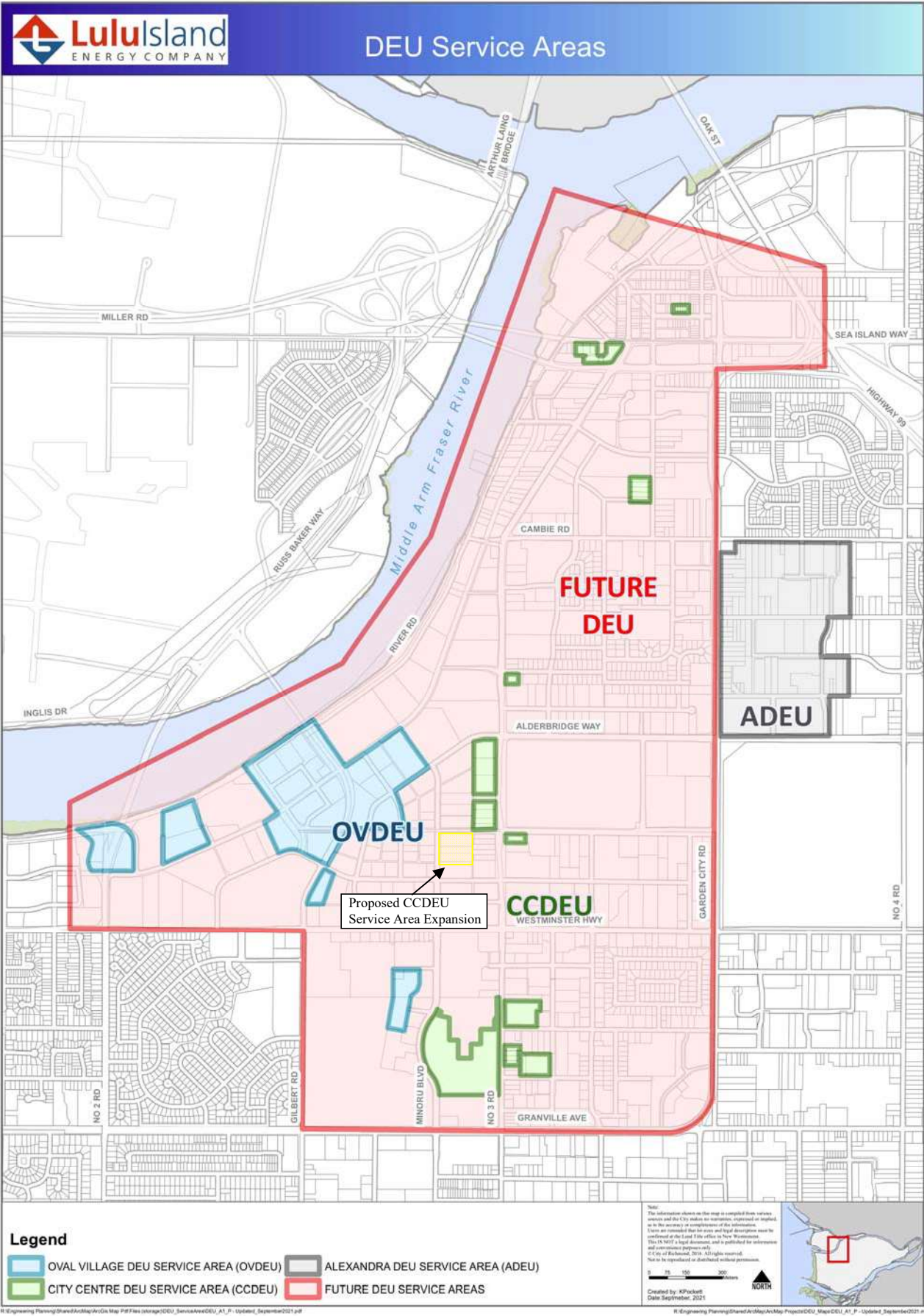
Oval Village District Energy Utility (OVDEU)

OVDEU services 11 buildings in the OVDEU service area, containing 2,541 residential units. Energy is currently supplied from the two interim energy centres with natural gas boilers which combined provide 11 MW of heating capacity. LIEC recently received a \$6.2 million grant from the CleanBC Communities Fund for the design and construction of the sewer heat recovery technology and a permanent energy centre for OVDEU. The project has been initiated; once completed (estimated 2025), the system will be able to produce up to 80% of low-carbon energy from the Gilbert Trunk sanitary force main sewer.

City Centre District Energy Utility (CCDEU)

To date 11 developments, comprising of approximately 5.0 million square feet of residential, commercial, and hotel uses, have committed to construct and transfer low carbon energy plants to the City or LIEC at no cost. LIEC will operate and maintain these energy plants and provide heating and cooling services to these developments. The first development in this service area connected in January 2022, comprising approximately 630,000 ft² and over 550 residential units.

Map of Current and Future District Energy Utility Areas in Richmond





**City Centre District Energy Utility Bylaw No. 9895
Amendment Bylaw No. 10112**

The Council of the City of Richmond enacts as follows:

1. The **City Centre District Energy Utility Bylaw No. 9895** is further amended:
 - (a) by deleting Schedule A (Boundaries of Service Area) in its entirety and replacing it with a new Schedule A attached as Schedule A to this Amendment Bylaw; and
 - (b) by deleting Schedule E (Energy Generation Plant Designated Properties) in its entirety and replacing it with a new Schedule E attached as Schedule B to this Amendment Bylaw.
2. This Bylaw is cited as “**City Centre District Energy Utility Bylaw No. 9895, Amendment Bylaw No. 10112**”.

FIRST READING

SECOND READING

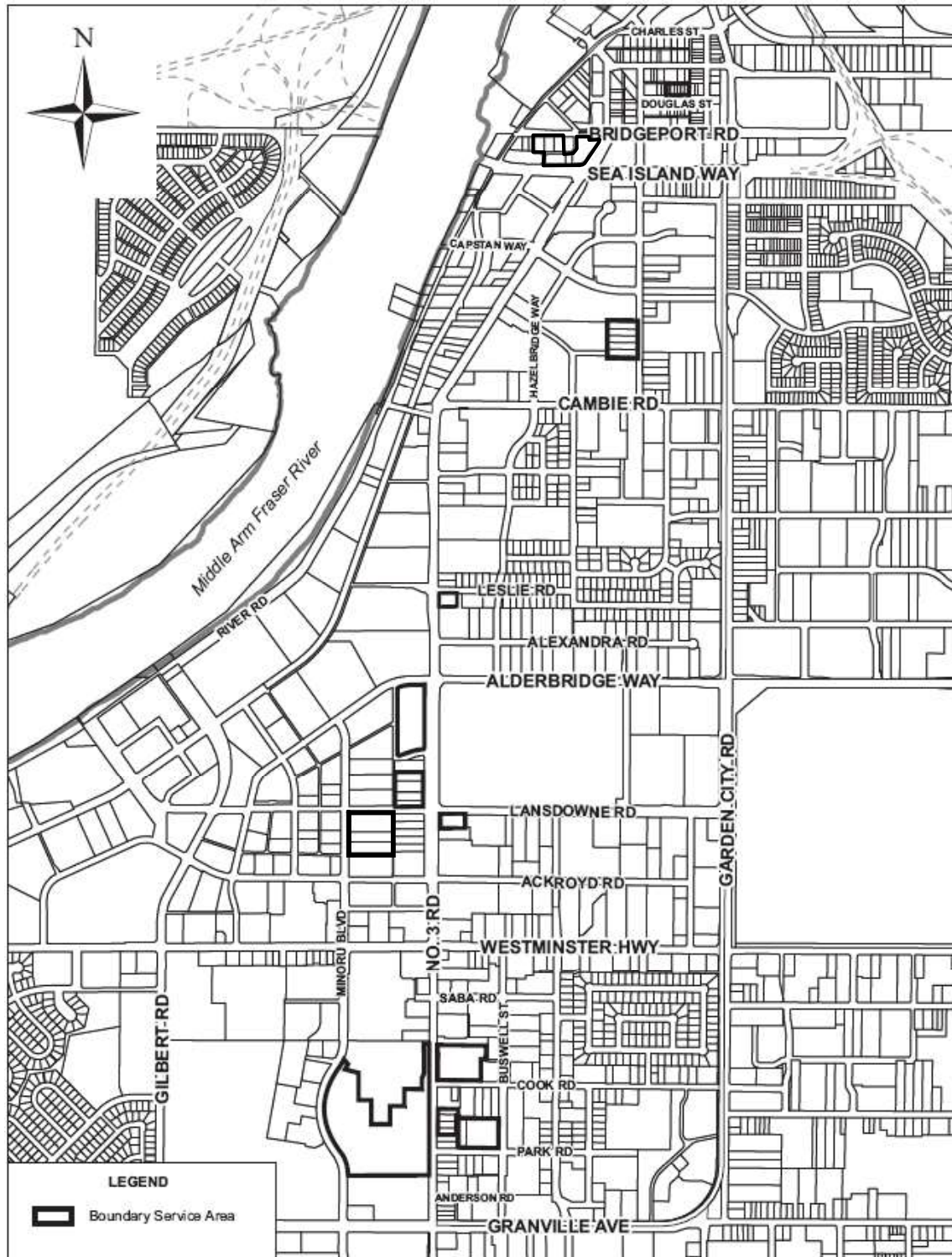
THIRD READING

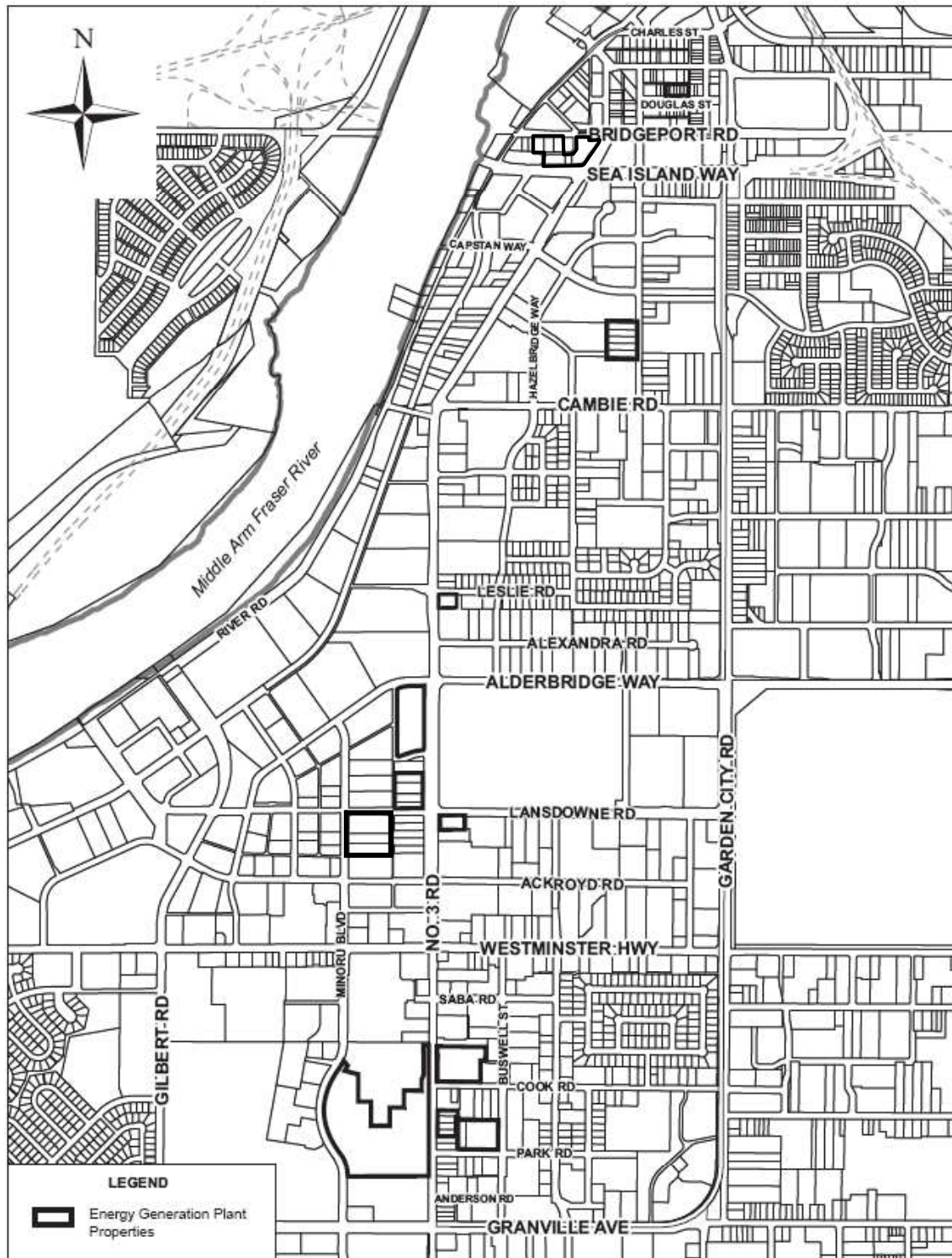
ADOPTED

MAYOR

CORPORATE OFFICER

CITY OF RICHMOND
APPROVED for content by originating dept. <i>PR</i>
APPROVED for legality by Solicitor BRB

Schedule A to Amendment Bylaw No. 10112***SCHEDULE A to BYLAW NO. 9895******Boundaries of Service Area***

Schedule B to Amendment Bylaw No. 10112***SCHEDULE E to BYLAW NO. 9895******Energy Generation Plant Designated Properties***



City of Richmond

Report to Committee




To: Finance Committee
From: Ivy Wong
Acting Director, Finance
Date: April 1, 2022
File: 03-0925-10-01/2022-
Vol 01
Re: Annual Property Tax Rates (2022) Bylaw No. 10374

Staff Recommendation

That the Annual Property Tax Rates (2022) Bylaw No. 10374 be introduced and given first, second and third readings.

Ivy Wong
Acting Director, Finance
(604-276-4046)

Att. 3

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER  Acting GM, F&CS	
REVIEWED BY SMT	INITIALS: 
APPROVED BY CAO 	

Staff Report

Origin

Section 197 of the *Community Charter* requires municipalities to establish property tax rates for the current year on the basis of the assessed values after the adoption of the Consolidated 5 Year Financial Plan and before May 15th. Council must, under subsection 197(3.1), consider the tax distribution to each assessment class prior to adopting the tax rate bylaw.

This report supports Council's Strategic Plan 2018-2022 Strategy #5 Sound Financial Management:

Accountable, transparent, and responsible financial management that supports the needs of the community into the future.

5.1 Maintain a strong and robust financial position.

5.4 Work cooperatively and respectfully with all levels of government and stakeholders while advocating for the best interests of Richmond.

Analysis

Under the Community Charter, all municipalities in BC are required to calculate tax rates based on the Revised Roll totals provided by BC Assessment. Assessment values in the Revised Roll reflect the market condition as of July 1st of the preceding year. The assessment totals are comprised of market values for existing properties and values for new properties (new growth) for 2022.

Tables 1 and 1.1 provide comparisons of 2021 to 2022 and 2020 to 2021 market value changes and new growth respectively. Market value changes reflect the market price of existing properties from year to year while new growth is the term used for new developments, property shifts between assessment classes, and any new exemptions.

New developments add taxable value to the class while new exemptions reduce the value to that class. Large multi-year developments may add new growth to the Revised Roll for each year the project is in construction, based on the percentage completion of the project and the additional construction value added to the property in the preceding year.

Table 1: Comparison of Assessment Values 2021 - 2022

Property Class	(1) 2021 Total Assessment	(2) 2022 Market Value Change	(3) 2022 New Growth and Re-Class	(4) 2022 Total Assessment	(5) % Market Value Change
Class 01 - Residential	78,838,952,721	12,743,898,049	1,378,232,304	92,961,083,074	16.16%
Class 02 - Utilities	41,633,243	3,196,249	(1,796,800)	43,032,692	7.68%
Class 03 - Supportive Housing	20	-	-	20	-
Class 04 - Major Industry	336,999,000	52,697,100	155,000	389,851,100	15.64%
Class 05 - Light Industry	4,286,605,100	1,094,599,000	(12,246,000)	5,368,958,100	25.54%
Class 06 - Business/Other	18,856,561,153	3,209,372,500	147,222,100	22,213,155,753	17.02%
Class 08 - Recreation/Non-Profit	213,775,700	44,932,500	94,863,100	353,571,300	21.02%
Class 09 - Farm	26,044,063	450,105	2,172	26,496,340	1.73%
TOTAL	\$102,600,571,000	\$17,149,145,503	\$1,606,431,876	121,356,148,379	16.71%

- (1) 2021 property assessment values provided by BC Assessment are based on the state and condition of 84,935 properties as of July 1, 2020.
- (2) Current year's market value change of the same 84,935 properties from 2021 to 2022.
- (3) New growth is the term used for new developments and any new exemptions. New developments add taxable value to the class while new exemptions reduce the value to that class. Re-class refers to property shifts between assessment classes. In 2022, 1,500 new folios were created due to new growth.
- (4) The 2022 total assessment values provided by BC Assessment are based on the state and condition of 86,435 properties as of July 1, 2021.
- (5) Percentage increase based on market value change of the existing properties from 2021 to 2022 (percentage change of column (2) from column (1)).

Highlights:

- From 2021 - 2022, total market value increased by approximately \$17.15 billion (column 2) or 16.71% (column 5). In comparison, Table 1.1 shows that in 2020 - 2021 market value increased by \$1.75 billion or 1.75%.
- Breakdown of the market value change by assessment class shows that for 2021 - 2022, residential market values increased by approximately \$12.74 billion or 16.16%. In comparison, the increase for 2020 - 2021 market value was \$2.01 billion or 2.65%.

- A further breakdown of the residential class shows that in 2022, single family detached properties had an average increase in market value of 20.14% while strata properties had an average increase in market value of 14.49%. In comparison, 2021 market values increased by 4.52% and 8.75% for single family detached and strata properties respectively.
- Total new growth (column 3) in 2022 is approximately \$1.61 billion, an increase of 77.30% from the \$906M of new growth in 2021.
- Similar to previous years, the majority of new growth is in the residential class. In 2021, 85.79% of the total new growth is in the residential class.
- Market value in the light industry class remains strong which saw an increase of \$1.09 billion in market value or 25.54%.
- Business/other class rebounded in 2022 with a market value increase of \$3.21 billion or 17.02%. In comparison, 2021 market values decreased by \$739M or 3.77%.

Table 1.1: Comparison of Assessment Values 2020 - 2021

Property Class	(1) 2020 Total Assessment	(2) 2021 Market Value Change	(3) 2021 New Growth and Re-Class	(4) 2021 Total Assessment	(5) % Market Value Change
Class 01 - Residential	75,895,923,258	2,010,863,990	932,165,473	78,838,952,721	2.65%
Class 02 - Utilities	55,674,080	(14,316,787)	275,950	41,633,243	(25.72%)
Class 03 - Supportive Housing	24	(4)	0	20	(16.67%)
Class 04 - Major Industry	289,799,700	46,248,600	950,700	336,999,000	15.96%
Class 05 - Light Industry	3,850,127,200	445,427,600	(8,949,700)	4,286,605,100	11.57%
Class 06 - Business/Other	19,613,458,252	(739,373,000)	(17,524,099)	18,856,561,153	(3.77%)
Class 08 - Recreation/Non-Profit	211,659,200	2,267,500	(151,000)	213,775,700	1.07%
Class 09 - Farm	26,102,556	651,016	(709,509)	26,044,063	2.49%
TOTAL	\$99,942,744,270	\$1,751,768,915	\$906,057,815	\$102,600,571,000	1.75%

As in prior years, estimated revenue from new growth was included as a separate income source when preparing the 2022 Operating Budget. Revenue from new growth reduces the tax increase required to balance the operating budget.

Tax Rates:

Prior to calculating new tax rates based on Council approved increases, the prior year's tax rates are adjusted annually to account for changes in assessment values of existing properties from one year to the next. Adjusting tax rates ensure that the City collects the same amount of taxes from each class in the current year as it did in the previous year. In general, when assessment values increase, the base tax rate decreases and conversely, when assessment values decrease, the base tax rate increases.

Once the base rates are adjusted, the Council approved tax increase is applied to the base rates to determine the new rates to charge for the current year for each assessment class.

Tax Rate Comparison:

While assessment and tax data is available for all 21 GVRD municipalities, the analysis was limited to the six comparable municipalities.

Attachment 1 provides a tax rate comparison across the comparator group. As a whole, Richmond's tax rates for every assessment class range from the middle to the lowest in the group. However, because tax rates are a function of assessment values and higher assessment values may result in lower tax rates for a municipality, using tax rates as a method of comparison may not provide an accurate indication of taxpayers' burden.

Tax Burden:

Tax burden analysis provides a snapshot of the portion of total taxes collected from each assessment class. Each municipality has the option of shifting tax burden from one assessment class to another, as long as the total taxes collected meet their annual budget requirements. Without direction from Council to shift tax burden from one assessment class to another, tax burden for each class will change only with new growth in that class.

Tables 2 and 2.1 below provide overviews of the City's tax burden for each assessment class in 2022 and 2021 with minimal changes to the tax burden.

Table 2:

2022 Revised Roll						
Assessment Class	Folio	% of Total Folio	Assessment	% of Total Assessment	Total Municipal Taxes	% of Total Municipal Taxes (Tax Burden)
Residential	78,591	89.45%	92,961,083,074	76.60%	154,078,347	57.09%
Utility	117	0.13%	43,032,692	0.04%	1,658,247	0.61%
Supportive Housing	12	0.01%	20	0.00%	-	0.00%
Major Industry	30	0.03%	389,851,100	0.32%	2,929,778	1.09%
Light Industry	589	0.67%	5,368,958,100	4.42%	21,479,322	7.96%
Business / Other	7,436	8.46%	22,213,155,753	18.30%	88,867,061	32.93%
Recreation / Non-Profit	476	0.55%	353,571,300	0.30%	479,496	0.17%
Farm	614	0.70%	26,496,340	0.02%	414,380	0.15%
Total	87,865	100.00%	121,356,148,379	100.00%	269,906,631	100.00%

Table 2.1:

2021 Revised Roll						
Assessment Class	Folio	% of Total Folio	Assessment	% of Total Assessment	Total Municipal Taxes	% of Total Municipal Taxes (Tax Burden)
Residential	77,172	89.36%	78,838,952,721	76.84%	146,152,453	56.85%
Utility	118	0.14%	41,633,243	0.04%	1,663,256	0.65%
Supportive Housing	12	0.02%	20	0.00%	-	0.00%
Major Industry	30	0.03%	336,999,000	0.33%	2,819,759	1.10%
Light Industry	591	0.68%	4,286,605,100	4.18%	19,580,697	7.62%
Business / Other	7,351	8.51%	18,856,561,153	18.38%	86,134,508	33.50%
Recreation / Non-Profit	474	0.55%	213,775,700	0.21%	337,806	0.13%
Farm	612	0.71%	26,044,063	0.02%	398,946	0.15%
Total	86,360	100.00%	102,600,571,000	100.00%	257,087,425	100.00%

For 2022, the City's residential class is comprised of 78,591 folios or 89.45% of the City's total folio count. The total assessment value for the residential class is approximately \$92.96 billion or 76.60% of the City's total assessed value. Municipal taxes to be collected or the tax burden from this class is approximately \$154.08M or 57.09% of total municipal taxes.

In comparison, the business/other class comprised of 7,436 folios or 8.46% of total folio count has assessment values totalling \$22.21 billion or 18.30% of the City's total assessed values. This class carries 32.93% or \$88.87M of the City's tax burden.

Tax Burden Comparison:

A tax burden comparison by municipalities can only be completed by using 2021 data as most municipalities are just finalizing their 2022 tax rates. Attachment 2 provides a comparison of the percentage of total assessment and percentage of tax burden for each assessment class across the comparator group.

In 2021, Richmond's tax burden for both residential and business class ranked third highest within the comparator group at 56.85% and 33.50% respectively as shown in Table 3.

Table 3:

% of Tax Burden (2021)		% of Tax Burden (2021)	
Municipality	Residential	Municipality	Business
Surrey	67.18%	Vancouver	40.32%
Coquitlam	66.76%	Burnaby	38.63%
Richmond	56.85%	Richmond	33.50%
Vancouver	56.55%	Coquitlam	28.73%
Delta	51.99%	Surrey	26.46%
Burnaby	50.69%	Delta	24.26%

In previous years, some municipalities have shifted their tax burden from business to residential class to reduce the tax burden on businesses as many external studies have found that municipal services such as parks, recreation, and community safety were largely consumed by the residential assessment class.

Tax Ratio:

Tax ratio is a direct comparison of the tax rates between all classes against the residential tax rate. Fluctuations in the market value for residential class will affect all resulting tax ratios since tax rates are adjusted annually to ensure that the City collects only what is needed to balance the budget. The proposed 2022 tax rates in the Annual Property Tax Rates (2022) Bylaw No. 10374 will result in a business to residential tax ratio of 2.41 which is slightly lower than last year's tax ratio of 2.46. The reduction is due to the higher percentage increase in average market values realized by business properties compared to the average residential properties.

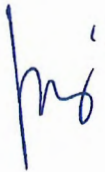
The City's Business to residential tax ratio remains competitive within the comparator group in attracting and retaining businesses to the City in 2022.

Financial Impact

The property tax rates provided in the Annual Property Tax Rates (2022) Bylaw No. 10374 will generate the municipal taxes necessary to balance the Council approved 2022 Operating Budget.

Conclusion

Staff recommends that the Annual Property Tax Rates (2022) Bylaw No. 10374 be introduced and given first, second and third readings.



Mike Ching
Manager, Revenue
(604-276-4137)

MC:nm

- Att. 1: Tax per \$1000 of Assessment in 2021
2: Comparison of 2021 Assessment Value & Tax Burden by Class
3: Annual Property Tax Rates (2022) Bylaw No. 10374

Tax per \$1,000 of Assessment in 2021

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Delta	Residential	31,612,776,841	79,888,648.35	2.52710
Coquitlam	Residential	49,058,240,871	110,327,077.89	2.24890
Surrey	Residential	144,304,987,710	269,610,780.74	1.86834
Richmond	Residential	78,838,952,721	146,152,438.94	1.85381
Burnaby	Residential	87,173,209,398	148,255,477.22	1.70070
Vancouver	Residential	319,525,213,661	511,726,020.18	1.60152

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Surrey	Utility	107,262,495	4,290,499.80	40.00000
Delta	Utility	25,416,605	1,016,636.24	39.99890
Richmond	Utility	41,633,243	1,663,283.45	39.95085
Coquitlam	Utility	31,459,120	1,206,828.47	38.36180
Vancouver	Utility	299,262,201	8,479,331.11	28.33412
Burnaby	Utility	329,867,260	6,128,900.70	18.57990

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Vancouver	Major Industry	258,444,000	8,611,041.36	33.31879
Burnaby	Major Industry	333,203,400	7,942,669.41	23.83730
Surrey	Major Industry	203,653,100	4,626,973.99	22.71988
Delta	Major Industry	616,715,900	13,956,219.15	22.62990
Richmond	Major Industry	336,999,000	2,819,768.36	8.36729
Coquitlam	Major Industry	N/A	N/A	N/A

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Coquitlam	Light Industry	808,079,800	5,632,235.40	6.96990
Delta	Light Industry	3,737,788,400	20,258,439.35	5.41990
Burnaby	Light Industry	3,323,123,900	17,114,752.71	5.15020
Vancouver	Light Industry	1,957,275,100	9,619,282.92	4.91463
Richmond	Light Industry	4,286,605,100	19,580,697.70	4.56788
Surrey	Light Industry	4,371,191,700	16,018,450.54	3.66455

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Coquitlam	Business / Other	5,856,950,221	47,486,981.00	8.10780
Delta	Business / Other	6,104,121,586	37,280,312.17	6.10740
Burnaby	Business / Other	19,866,522,798	112,980,915.15	5.68700
Surrey	Business / Other	20,822,264,747	106,201,254.45	5.10037
Vancouver	Business / Other	74,240,073,516	364,862,492.50	4.91463
Richmond	Business / Other	18,856,561,153	86,134,508.56	4.56788

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Coquitlam	Recreation / Non-Profit	51,014,100	585,754.10	11.48220
Delta	Recreation / Non-Profit	40,165,900	307,578.41	7.65770
Surrey	Recreation / Non-Profit	210,319,800	433,132.60	2.05940
Vancouver	Recreation / Non-Profit	966,215,900	1,545,162.81	1.59919
Richmond	Recreation / Non-Profit	213,775,700	337,808.36	1.58020
Burnaby	Recreation / Non-Profit	100,235,300	67,167.67	0.67010

Municipality	Class	Assessment	Taxes	Tax Per \$1,000 of Assessment
Delta	Farm	45,211,788	952,996.67	21.07850
Coquitlam	Farm	1,460,628	23,817.29	16.30620
Richmond	Farm	26,044,063	398,946.34	15.31813
Burnaby	Farm	1,321,141	7,243.68	5.48290
Surrey	Farm	35,670,799	121,722.32	3.41238
Vancouver	Farm	185,852	297.21	1.59919

Comparison of 2021 Assessment Value & Tax Burden by Class

Residential (Class 1)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Coquitlam	49,058,240,871	88.48%		Surrey	269,610,780.74	67.18%
Surrey	144,304,987,710	84.87%		Coquitlam	110,327,077.89	66.76%
Vancouver	319,525,213,661	80.51%		Richmond	146,152,438.94	56.85%
Burnaby	87,173,209,398	77.76%		Vancouver	511,726,020.18	56.55%
Richmond	78,838,952,721	76.60%		Delta	79,888,648.35	51.99%
Delta	31,612,776,841	75.69%		Burnaby	148,255,477.22	50.69%

Utility (Class 2)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Burnaby	329,867,260	0.34%		Burnaby	6,128,900.70	2.10%
Vancouver	299,262,201	0.07%		Surrey	4,290,499.80	1.07%
Surrey	107,262,495	0.06%		Vancouver	8,479,331.11	0.94%
Coquitlam	31,459,120	0.05%		Coquitlam	1,206,828.47	0.73%
Delta	25,416,605	0.05%		Delta	1,016,636.24	0.66%
Richmond	41,633,243	0.04%		Richmond	1,663,283.45	0.65%

Major Industry (Council 4)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Delta	616,715,900	1.24%		Delta	13,956,219.15	9.08%
Burnaby	333,203,400	0.33%		Burnaby	7,942,669.41	2.72%
Richmond	336,999,000	0.32%		Surrey	4,626,973.99	1.15%
Surrey	203,653,100	0.11%		Richmond	2,819,768.36	1.10%
Vancouver	258,444,000	0.06%		Vancouver	8,611,041.36	0.95%
Coquitlam	N/A	N/A		Coquitlam	N/A	N/A

Light Industry (Class 5)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Delta	3,737,788,400	9.22%		Delta	20,258,439.35	13.18%
Richmond	4,286,605,100	4.42%		Richmond	19,580,697.70	7.62%
Burnaby	3,323,123,900	3.15%		Burnaby	17,114,752.71	5.85%
Surrey	4,371,191,700	2.65%		Surrey	16,018,450.54	3.99%
Coquitlam	808,079,800	1.44%		Coquitlam	5,632,235.40	3.41%
Vancouver	1,957,275,100	0.47%		Vancouver	9,619,282.92	1.06%

Business / Other (Class 6)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Vancouver	74,240,073,516	18.63%		Vancouver	364,862,492.50	40.32%
Burnaby	19,866,522,798	18.34%		Burnaby	112,980,915.15	38.63%
Richmond	18,856,561,153	18.30%		Richmond	86,134,508.56	33.50%
Delta	6,104,121,586	13.59%		Coquitlam	47,486,981.00	28.73%
Surrey	20,822,264,747	12.18%		Surrey	106,201,254.45	26.46%
Coquitlam	5,856,950,221	9.96%		Delta	37,280,312.17	24.26%
Recreation / Non--Profit (Class 8)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Richmond	213,775,700	0.29%		Coquitlam	585,754.10	0.35%
Vancouver	966,215,900	0.27%		Delta	307,578.41	0.20%
Delta	40,165,900	0.12%		Vancouver	1,545,162.81	0.17%
Surrey	210,319,800	0.12%		Richmond	337,808.36	0.13%
Burnaby	100,235,300	0.08%		Surrey	433,132.60	0.11%
Coquitlam	51,014,100	0.08%		Burnaby	67,167.67	0.02%
Farm (Class 9)						
Municipality	Assessment	% of Total Assmt		Municipality	% of Tax Burden	
Delta	45,211,788	0.08%		Delta	952,996.67	0.62%
Richmond	26,044,063	0.02%		Richmond	398,946.34	0.16%
Surrey	35,670,799	0.02%		Surrey	121,722.32	0.03%
Burnaby	1,321,141	0.00%		Coquitlam	23,817.29	0.01%
Coquitlam	1,460,628	0.00%		Burnaby	7,243.68	0.00%
Vancouver	185,852	0.00%		Vancouver	297.21	0.00%



Annual Property Tax Rates (2022) Bylaw No. 10374

The Council of the City of Richmond enacts as follows:

1. Parts 1 through 6 excluding Part 3, pursuant to the *Community Charter*; and
2. Part 3 pursuant to section 100 of the *Municipalities Enabling and Validating Act*.

PART ONE: GENERAL MUNICIPAL RATES

1.1 General Purposes

- 1.1.1 The tax rates shown in column A of Schedule A are imposed and levied on the assessed value of all land and improvements taxable for general municipal purposes, to provide the monies required for all general purposes of the **City**, including due provision for uncollectible taxes, and for taxes that it is estimated will not be collected during the year, but not including the monies required for payments for which specific provision is otherwise made in the *Community Charter*.

1.2 City Policing, Fire & Rescue and Storm Drainage

- 1.2.1 The tax rates shown in columns B, C & D of Schedule A are imposed and levied on the assessed value of all land and improvements taxable for general municipal purposes, to provide monies required during the current year for the purpose of providing policing services, fire and rescue services and storm drainage respectively in the City, for which other provision has not been made.

PART TWO: REGIONAL DISTRICT RATES

- 2.1 The tax rates appearing in Schedule B are imposed and levied on the assessed value of all land and improvements taxable for hospital purposes and for Greater Vancouver Regional District purposes.

PART THREE: TRUNK SEWERAGE RATES

3.1 The tax rates shown in Schedule C are imposed and levied on the assessed values of all land only of all real property, which is taxable for general municipal purposes, within the following benefitting areas, as defined by the Greater Vancouver Sewerage & Drainage District:

- (a) Area A, being that area encompassing those portions of sewerage sub-areas and local pump areas contained in the Lulu Island Sewerage Area of the Greater Vancouver Sewerage and Drainage District as shown on the current plan of the Lulu Island West Sewerage Area; and
- (b) Area B, being that area encompassing Sea, Mitchell, Twigg and Eburne Islands, which is that part of the **City** contained in the Vancouver Sewerage Area of the Greater Vancouver Sewerage and Drainage District as shown on the current plan of the Vancouver Sewerage Area; and
- (a) Area C, being that part of the City contained in the Fraser Sewerage Area of the Greater Vancouver Sewerage and Drainage District as shown on the current plan of the Fraser Sewerage Area,

and the total amount raised annually is to be used to retire the debt (including principal and interest) incurred for a sewage trunk system, which includes the collection, conveyance and disposal of sewage, including, without limiting the generality of the foregoing, forcemain sewers and their pumphouses and such ancillary drainage works for the impounding, conveying and discharging the surface and other waters, as are necessary for the proper laying out and construction of the said system of sewerage works, provided however that land classified as "Agriculture Zone" in Section 14.1 of the **Zoning Bylaw**, is exempt from any tax rate imposed or levied pursuant to this Part.

PART FOUR: GENERAL PROVISIONS

4.1 Imposition of Penalty Dates

4.1.1 All taxes payable under this bylaw must be paid on or before July 4, 2022.

4.2 Designation of Bylaw Schedules

4.2.1 Schedules A, B and C are attached and designated a part of this bylaw.

PART FIVE: INTERPRETATION

5.1 In this bylaw, unless the context otherwise requires:

CITY means the City of Richmond.

ZONING means the Richmond Zoning Bylaw 8500, as amended from time to time.
BYLAW

PART SIX: PREVIOUS BYLAW REPEAL

6.1 Annual Property Tax Rates (2021) Bylaw No. 10249 is repealed.

PART SEVEN: BYLAW CITATION

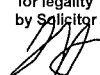
7.1 This Bylaw is cited as “Annual Property Tax Rates (2022) Bylaw No. 10374”.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept. MC
APPROVED for legality by Solicitor 

MAYOR

CORPORATE OFFICER

SCHEDULE A to BYLAW NO. 10374

PROPERTY CLASS	COLUMN A GENERAL PURPOSES	COLUMN B POLICING SERVICES	COLUMN C FIRE & RESCUE	COLUMN D STORM DRAINAGE	TOTAL
1. Residential	0.93662	0.43416	0.27181	0.01486	1.65745
2. Utilities	21.77579	10.09393	6.31937	0.34550	38.53459
3. Supportive Housing	0.93662	0.43416	0.27181	0.01486	1.65745
4. Major Industry	4.24677	1.96855	1.23242	0.06738	7.51512
5. Light Industry	2.26076	1.04795	0.65607	0.03587	4.00065
6. Business/ other	2.26076	1.04795	0.65607	0.03587	4.00065
8. Recreation/ non profit	0.76635	0.35524	0.22240	0.01216	1.35615
9. Farm	8.83763	4.09659	2.56469	0.14022	15.63913

SCHEDULE B to BYLAW NO. 10374

PROPERTY CLASS	REGIONAL DISTRICT
1. Residential	0.05127
2. Utilities	0.17946
3. Supportive Housing	0.05127
4. Major Industry	0.17433
5. Light Industry	0.17433
6. Business/other	0.12562
8. Rec/non profit	0.05127
9. Farm	0.05127

SCHEDULE C to BYLAW NO. 10374

AREA		RATES
A, B & C	Sewer Debt Levy (land only)	0.04102



City of Richmond

Report to Committee

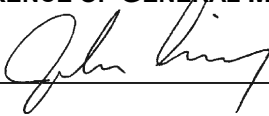


To: Public Works and Transportation Committee **Date:** March 16, 2022
From: Suzanne Bycraft
Director, Public Works Operations **File:** 10-6370-01/2022-Vol 01
Re: **Recycling and Solid Waste Management – Report 2021: Rethink Waste to Support a Circular Economy**

Staff Recommendation

1. That the report titled, “Recycling and Solid Waste Management – Report 2021: Rethink Waste to Support a Circular Economy”, dated March 16, 2022, from the Director, Public Works Operations, be endorsed.
2. That the Report 2021: Rethink Waste to Support a Circular Economy be made available to the community on the City’s website and through various communication tools including social media channels and as part of community outreach initiatives.

Suzanne Bycraft
Director, Public Works Operations
(604-233-3338)

Att. 1

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER 	
SENIOR STAFF REPORT REVIEW	INITIALS: 
APPROVED BY CAO 	

Staff Report

Origin

This report highlights the City's success in implementing policies, services and new initiatives to help support a circular economy through sustainable waste management to help achieve the targets in Richmond's Community Energy and Emissions Plan. Richmond's achievements, goals for 2022 and tips and resources are outlined in the City's annual progress report as presented in the attached "Report 2021: Rethink Waste to Support a Circular Economy" ("Report").

This report supports Council's Strategic Plan 2018-2022 Strategy #2 A Sustainable and Environmentally Conscious City:

Environmentally conscious decision-making that demonstrates leadership in implementing innovative, sustainable practices and supports the City's unique biodiversity and island ecology.

2.1 Continued leadership in addressing climate change and promoting circular economic principles.

2.2 Policies and practices support Richmond's sustainability goals.

This report supports Council's Strategic Plan 2018-2022 Strategy #8 An Engaged and Informed Community:

Ensure that the citizenry of Richmond is well-informed and engaged about City business and decision-making.

8.1 Increased opportunities for public engagement.

Analysis

Richmond's Community Energy and Emissions Plan is targeting opportunities to transition to a circular economy, and sustainable waste management is integral to achieving the City's goals. The strategy involves maximizing the value of resources and includes reducing carbon emissions, encouraging responsible consumption and minimizing waste as part of the global effort to be more sustainable and reduce environmental impacts. In a circular economy, waste is reduced or eliminated by transforming how products and services are designed, manufactured and used.

Richmond is well positioned to support the transition to a circular economy, as a result of Council's commitment to provide comprehensive recycling programs to the community and residents' commitment to divert waste from the landfill. In 2021, key achievements noted in the Report include the adoption of the *Single-Use Plastic and Other Items Bylaw No. 10000* (Bylaw 10000) to help eliminate 35 million banned items annually from disposal in Richmond and reduce plastic pollution. This policy initiative demonstrates Council's leadership on the important challenge of plastic waste and its detrimental impact on the environment. The City

continued its extensive communications and community engagement with residents and businesses to raise awareness and prepare for Bylaw 10000, and promote opportunities to rethink and reduce waste. As well, residents continue to divert the majority of their household waste through Richmond's sustainable waste management programs.

The Report also includes detailed program information, insights into upcoming initiatives and a comprehensive tips and resources section.

2021 Highlights

The adoption of Bylaw 10000 to ban foam food service ware, plastic checkout bags and plastic straws included a comprehensive communications campaign to raise awareness about the new ban and encourage reusable options instead. In advance of the adoption of Bylaw 10000, the City continued to support businesses in the transition to accepted alternatives by hosting a series of virtual workshops.

Another key initiative to support a circular economy involved a Rethink Waste communications and community engagement campaign that encouraged residents to share ideas for reducing waste. Residents participated in a Rethink Waste Think Tank, which generated 160 grassroots ideas to support reducing waste and achieving a circular economy. Ideas related to reducing waste were collated and posted in a new Community Ideas Hub on the City's website.

Although COVID-19 continued to limit in-person community outreach, the City pivoted to expand its virtual outreach programs. This included events and activities involving Green Ambassadors, such as a new outreach program to promote electric vehicle awareness among youth, a virtual repair fair focused on how to maintain and repair gas lawnmowers, and virtual Let's Recycle Correctly workshops to provide tips on how to recycle correctly.

The Report also highlights the broad range of sustainable waste management programs provided to residents to make it easy and convenient to recycle. This includes the City's one-stop recycling centre at the Richmond Recycling Depot, curbside and centralized collection programs, public spaces recycling and litter collection.

Report 2021 Overview

The Report contains four sections – the first two sections provide an overview of the past year, including highlights for 2021, details and statistics on the City's waste management programs and services, and key planned initiatives for 2022. The Report's next two sections provide details on the many programs and services that support sustainable waste management, and a comprehensive tips and resources guide that provides more information on where to recycle, dispose or donate various household items.

The following is a summary overview of each section:

Section 1: Annual Outlook provides an overview of the achievements in 2021, including:

- **Enhanced service at the Richmond Recycling Depot:** Expanded Recycling Depot service to seven days a week, began accepting baby car seats and installed a larger tent to accommodate increasing volumes of upholstered furniture.
- **Launched Virtual Outreach:** Created and hosted virtual education and outreach including a Repair Fair and Let's Recycle Correctly workshops to engage with residents online.
- **Initiated Commercial Recycling Services Review:** Completed project planning and sourced required services for assessing current practices and engaging the commercial sector.
- **Adopted Single-Use Plastic Bylaw:** Bylaw 10000 was adopted and will be effective on March 27, 2022.
- **Supported Single-Use Ban Implementation:** Conducted 10 virtual business workshops, conducted door-to-door outreach with 670 businesses, co-hosted a vendor trade show, developed a Business Resource Centre with a toolkit and point-of-sale materials, and implemented a "Let's Choose to Reuse" community information and awareness campaign.
- **Implemented Rethink Waste Outreach:** Created and promoted the Rethink Waste Think Tank to generate ideas from residents to reduce waste and support a circular economy, which led to a new Community Ideas Hub on the City website.
- **Expanded Green Ambassadors Virtual Program:** Green Ambassadors continued with virtual platforms for 10 symposiums, planning or training sessions and supported eight special events.
- **Excellence in Service Delivery:** Recognized with an honourable mention at the UBCM convention for Excellence in Service Delivery for the Richmond Recycling Depot upgrades.

Section 2: Tracking Our Progress provides statistics and data on the broad range of programs and services the City offers residents to responsibly reduce, recycle or dispose of their household items. Highlights from each program shows the contribution by residents in single-family homes in achieving 79.3% waste diversion.

Through the Green Cart program, residents diverted 23,047 tonnes of food scraps and yard trimmings from the landfill. The residential Blue Box and Blue Cart programs diverted 8,000 tonnes of recyclable material, while the Richmond Recycling Depot captured a total of 7,581 tonnes of materials. The average number of visitors to the Recycling Depot each month was 20,343. The Large Item Pick Up program completed 15,628 service requests for 19,100 items equating to 836 tonnes of materials collected, with 644 tonnes of which were recycled.

Through outreach and customer service, staff assisted residents with 17,928 customer service calls, litter containers in public spaces were inspected 13,135 times per month and serviced 17,784 times per month, for a combined 371,030 bin visits per year. This timely and consistent collection continued to be especially important due to contaminated items like masks, gloves and tissues being disposed in public bins. The Richmond Recycling app and its Recycling Wizard

feature continue to provide enhanced service, with 16,865 active collection reminders and 94,864 Recycling Wizard searches.

Community engagement included 1,731 hours of youth volunteering and training through the Green Ambassador program, and 22 virtual community sessions and workshops involving 409 participants.

The Rethink Waste Think Tank resulted in 160 posted ideas, 271 participants and 1,263 visitors to the website.

Section 3: Programs and Services describes the City's comprehensive recycling and waste reduction programs, tips on how to recycle correctly with each service, and how recycling and reducing waste can support a circular economy and the City's sustainability goals. This section also includes information on litter collection, public spaces recycling, event recycling, and community and school engagement programs.

Section 4: Tips and Resources highlights community resources and partnerships that support sustainable waste management, and provides a recycling and disposal directory for details on where to recycle banned, hazardous and other materials.

Moving Forward

Through partnerships and community engagement, the City will continue to implement new initiatives to make it easier and more convenient for residents to recycle their household waste and support a circular economy. Key focus areas in 2022 will include:

- Implement the *Single-Use Plastic and Other Items Bylaw No. 10000* and continue to raise awareness about the issue of single-use plastic and promote better options that help reduce waste.
- Expand service at the Richmond Recycling Depot by offering regional recycling services through a partnership with Metro Vancouver and increase accepted items.
- Complete a commercial recycling services review to explore opportunities to enhance recycling options for the commercial sector.
- Expand outreach including continued engagement through virtual platforms to encourage residents to recycle correctly, rethink waste and shift to a circular economy.
- Initiate a grease pilot project to collect cooking oil and grease from 500-800 multi-family units and measure impacts on the City's sewer infrastructure.
- Initiate a waterway litter collection pilot project to install and assess Seabins at Steveston Harbour to collect litter and debris from the waterway.

- Support circular economy targets by evaluating reuse options and continue to promote awareness and education through Rethink Waste and Let's Choose to Reuse communication campaigns.

Additionally, targeted measures will also be undertaken to address reports from Recycle BC relating to material contamination caused by improper recycling material sorting by residents. Key challenges relate to proper segregation of glass and placement of non-program materials in recycling bins (including butane cylinders, plastic toys, batteries, Styrofoam, etc.). Measures to be undertaken may include a review of barriers to proper sorting of recyclable materials, continued targeted education campaigns, and potential material audits.

Proposed Communication

Subject to Council's direction, "Report 2021: Rethink Waste to Support a Circular Economy" will be made available on the City's website and through various communication tools including social media channels as part of community outreach initiatives.

Financial Impact

None.

Conclusion

Through the "Report 2021: Rethink Waste to Support a Circular Economy", the City is providing its residents with an annual progress report on Council's leadership in sustainable waste management and the many recycling and waste management programs and services delivered in the community. By tracking progress and waste diversion, the City is demonstrating Richmond's commitment to responsive services, responsible government and accessible information and communication.



Linh Huynh
Waste Reduction & Recycling Coordinator
(604-233-3346)

LH:lh

Att. 1: City of Richmond Recycling and Solid Waste Management Report 2021: Rethink Waste to Support a Circular Economy

**City of Richmond Recycling
and Solid Waste Management**

REPORT 2021

RETHINK WASTE TO SUPPORT A CIRCULAR ECONOMY



Environmental Programs is responsible for residential garbage and recycling services, including collection, drop-off services at the Richmond Recycling Depot, public spaces recycling and litter collection services.

With Council's leadership and commitment to strategic planning and policy, we strive to help create more sustainable waste management through our programs and services to support a circular economy. We believe that it is our responsibility to support our community and preserve our planet for future generations.

Through outreach and engagement, working with our residents and local businesses, and partnering with local agencies, we also strive to meet and exceed all regional waste diversion goals by continuously expanding our programs and service offerings.

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Transition to a Circular Economy

Richmond's Community Energy and Emissions Plan is targeting opportunities to transition to a circular economy, and sustainable waste management is integral to achieving the City's goals. The strategy involves maximizing the value of resources and includes reducing carbon emissions, encouraging responsible consumption and minimizing waste as part of the global effort to be more sustainable and reduce environmental impacts. In a circular economy, waste is reduced or eliminated by transforming how products and services are designed, manufactured and used.

Thanks to the City's comprehensive recycling programs and residents' commitment to divert waste from the landfill, Richmond is well positioned to support the transition to a circular economy. The City's sustainable waste management programs make it easy and convenient to reuse, repurpose and recycle household items multiple times into new products to reduce reliance on raw materials and help conserve natural resources. Through its Rethink Waste communications and engagement campaign, the City is also encouraging community members to reduce waste overall by reassessing buying decisions and taking action to extend the lifespan of products and materials.

Working together with the community, Richmond aims to be a fully circular city by 2050.

TOWARDS A CIRCULAR ECONOMY

1.0

Annual Outlook

With the adoption of Bylaw 10000 to ban single-use plastic, the City held extensive outreach with businesses to develop helpful resources to support them in the transition to accepted alternatives. A broad communications and engagement campaign was also developed to encourage residents to rethink their waste and help Richmond on its track towards a circular economy.

In 2021, Richmond continued to support residents with programs and services that make it easy to recycle the majority of their household waste, but there was also an expanded focus on how to help support the City's Community Energy and Emissions Plan targets to transition to a circular economy. One of the key achievements that aligns with these targets was the adoption of the *Single-Use Plastic and Other Items Bylaw No. 10000*. Moving forward with this ban on single-use plastics is an essential part of reducing unnecessary waste and pollution. Introducing Bylaw 10000 involved a comprehensive community engagement campaign that included working directly with businesses and a public education and communications campaign to raise awareness about Bylaw 10000, why it's important to reduce plastic waste and how community members can help by choosing reusable options.

In advance of the adoption of Bylaw 10000 in September, which bans foam food service ware, plastic straws and plastic checkout bags, the City continued to support business in the transition to accepted alternatives by hosting a series of virtual workshops. Businesses were provided with an overview of Bylaw 10000 and encouraged to ask questions and share input on the City's Business Information Toolkit and customer information materials.

Following Council's adoption of Bylaw 10000, the City created an online resource centre for local businesses, co-hosted a vendor trade show with the Richmond Chamber of Commerce to make it easy for businesses to connect with suppliers, and developed point-of-sale communication materials that businesses can order or download for free. (For more details about the outreach and resources for business, see Setting Business Up for Success on page 9.)

“In addition to the new ban on single-use plastic, the City targeted opportunities to reduce waste overall as an essential part of reducing demand for raw materials.”

The City also initiated a comprehensive communications and education program to notify residents that Bylaw 10000 was adopted, highlight the importance of reducing plastic waste and pollution, and encourage reusable items through its Let's Choose to Reuse campaign.

In addition to the new ban on single-use plastic, the City targeted opportunities to reduce waste overall as an essential part of reducing demand for raw materials. This involved a new Rethink Waste communications and engagement campaign to generate and share ideas on how to reduce waste along with new virtual outreach initiatives.

Through its Rethink Waste campaign, the City encouraged residents to question their current practices, highlighting concerns like unnecessary waste from single-use plastic and identifying opportunities to keep products in use longer as part of supporting a circular economy. Recognizing that residents may have innovative ideas for reducing, repurposing and sharing products, the City launched its Rethink Waste Think Tank on Let's Talk Richmond to generate grassroots ideas. The strong support for the Think Tank was evident with 160 ideas posted, including suggestions ranging from sustainable waste management to reducing carbon emissions and other sustainable ideas that support a circular economy. The Think Tank ideas for reducing waste were collated and posted in a new Community Ideas Hub.

In addition to the Think Tank outreach, the City expanded its use of online outreach to host its first virtual Repair Fair focused on repairing and maintaining gas lawnmowers. This new approach to engaging residents featured a City staff member who provided key tips to help extend the lifespan and improve operation of gas lawn mowers as a means to help reduce waste.

The Richmond Green Ambassadors also demonstrated innovation and a commitment to sustainability through their work with the City to develop a new outreach program to promote electric vehicle awareness among youth. The outreach program, known as the Richmond EVie Lesson Toolkit includes a mascot, aptly named EVie, along with EVie emojis. There's also a video and lesson plans for both kindergarten to grade seven students and one for grades eight to 12. The Green Ambassadors also continue to volunteer at special events and participate in training to support recycling and sustainable waste management.

The City also continued to support residential recycling as a priority. This included providing a full range of curbside and centralized collection programs, and convenient, one-stop recycling service at the Richmond Recycling Depot, which is open seven days a week and continues to add new accepted items. As part of its public spaces recycling, crews continue to work seven days a week to service public spaces garbage and recycling bins to help keep the City clean and free of litter.

The City remains focused on education. As COVID-19 restrictions continued to limit in-person engagement, the City pivoted to expand its virtual outreach options in 2021. Improving the quality of recycling through reduced contamination was again a priority over the last year as the City strives to meet its contract requirements with Recycle BC. To help residents recycle correctly and reduce risk of fines and other penalties, the City hosted virtual “Let's Recycle Correctly” workshops and implemented both public and targeted communication to provide tips on how to sort recycling and keep hazardous materials out of collection bins. Positive feedback from participants included a post on a community Facebook recommending the workshop and highlighting “the really helpful workshop online with two City staff members” as well as some of the tips shared during the session.

Looking ahead, the City will continue to support the transition to a circular economy, including implementing the ban on single-use plastic, exploring opportunities for innovation to reduce and rethink waste and ensuring it has easy and convenient services in place for community members and visitors to recycle correctly and consistently. This includes initiating a Commercial Services Review project, which was delayed due to the impacts of COVID-19 on local businesses. This project will involve outreach to Richmond businesses as well as companies and organizations involved in commercial recycling and waste management with a goal to understand the current landscape and identify potential options to increase commercial recycling. The City will also be implementing new pilot projects to address issues related to improper disposal of oils and grease, and proactive measures to collect litter and debris from waterways. For more details about goals for 2022, see page 8.



Together we can change habits and make better choices that support a circular economy.

LET'S RETHINK WASTE

Changing our habits to think differently about purchases, avoiding unnecessary waste and finding ways to reuse and recycle products and services contributes directly to positive outcomes like reducing reliance on raw materials.

Ultimately, it's about shifting to a circular economy, where the materials we use stay in circulation to be used, reused or repaired, and recycled multiple times into new products.

TOP TIPS TO REDUCE WASTE:

- Avoid single-use items – choose reusable instead
- Choose products with minimal packaging
- Buy, sell, trade or donate household items
- Choose products with recycled content
- Repair products when possible
- Rethink – take a moment to assess: do I need this item, will it create unnecessary waste, how can it be reused or recycled?

1.1

2021 Top Accomplishments

This report showcases some of the key achievements in 2021, as well as looking back on the City's top accomplishments over the last 30 years.

RECYCLING MILESTONES

Looking back to the 1990s and the past decade, there have been many accomplishments that have helped Richmond reach its goals.

Launched Blue Box program

1990

Launched backyard compost bin distribution program

1992

Launched Blue Cart program

1995

Launched Green Can program

2010

1991

Opened parking lot recycling depot at 5599 Lynas Lane

1993

Opened Richmond Recycling Depot at 5555 Lynas Lane

1996

Launched weekly curbside yard trimmings collection

1 ENHANCED SERVICE AT THE RICHMOND RECYCLING DEPOT

Expanded Recycling Depot service to seven days a week, added baby car seats and installed a larger tent to accommodate increasing volumes of upholstered furniture.

2 LAUNCHED VIRTUAL OUTREACH

Created and hosted virtual education and outreach including a Repair Fair and "Let's Recycle Correctly" workshops to engage with residents online.

3 INITIATED COMMERCIAL RECYCLING SERVICES REVIEW

Completed project planning and sourced required services for assessing current practice and engaging the commercial sector.

4 ADOPTED SINGLE-USE PLASTIC BYLAW

Bylaw 10000 was adopted and will become effective on March 27, 2022.

5 SUPPORTED SINGLE-USE BAN IMPLEMENTATION

Conducted 10 virtual business workshops, conducted door-to-door outreach with 670 businesses, co-hosted vendor trade show, developed a Business Resource Centre with a toolkit and point-of-sale materials, and implemented a "Let's Choose to Reuse" information and awareness community campaign.

6 IMPLEMENTED RETHINK WASTE OUTREACH

Created and promoted Rethink Waste Think Tank to generate ideas from residents to reduce waste and support a circular economy, which led to a new Community Ideas Hub on the City website.

7 EXPANDED GREEN AMBASSADORS VIRTUAL PROGRAM

Green Ambassadors continued with virtual platforms for 10 symposiums, planning or training sessions and supported eight special events.

8 EXCELLENCE IN SERVICE DELIVERY

Recognized with an honourable mention at the UBCM convention for Excellence in Service Delivery for the Richmond Recycling Depot upgrades.

Launched Green Cart program for single-family and townhomes

Launched Large Item Pick Up program

2013

Launched biweekly Garbage Cart program

2016

Renovated Recycling Depot and expanded items accepted

2020

2015

Launched Green Cart program for multi-family complexes

2019

Introduced Single-Use Plastic and Other Items Bylaw

Expanded Large Item Pick Up program

Expanded hours and items accepted at Richmond Recycling Depot

2021

Adopted Single-Use Plastic and Other Items Bylaw No. 10000

Extended Recycling Depot operations to 7 days a week and expanded items accepted

1.2

Setting Goals

Richmond's long-term goal is to support a circular economy through sustainable waste management, and the annual goals listed here are designed to help achieve this target.

1

EXPAND SERVICE AT RICHMOND RECYCLING DEPOT

Offer regional recycling services through partnership with Metro Vancouver and increase accepted items.

2

COMPLETE COMMERCIAL RECYCLING SERVICES REVIEW

Undertake a review and scoping exercise to explore enhanced recycling options for the commercial sector.

3

EXPLORE SUSTAINABLE IMPROVEMENTS

Assess options to pave a section of the Richmond Recycling Depot with asphalt that has a component of recycled plastic.

4

COMPLETE DISASTER DEBRIS PLAN

Prepare a Richmond-specific Disaster Debris Management Plan.

5

EXPAND OUTREACH

Continue engagement through virtual platforms to encourage residents to recycle correctly, rethink waste and shift to a circular economy where materials we use stay in circulation.

6

INITIATE GREASE PILOT PROJECT

Develop a pilot project to collect waste grease from 500-800 multi-family units and measure impacts on the City's sewer infrastructure.

7

SUPPORT CIRCULAR ECONOMY

Evaluate reuse options as a component of circular economy principles and continue to promote awareness and education through Rethink Waste and Let's Choose to Reuse communication campaigns.

8

INITIATE WATERWAY LITTER REDUCTION PROJECT

Initiate a pilot project to install and assess sea bins at Steveston Harbour to collect litter and debris from the waterway.

9

REDUCE ILLEGAL DUMPING

Continue annual updates to the Illegal Dumping Overview and Strategy as part of moving towards innovative approaches to mitigate illegal dumping.

10

EXPAND PUBLIC SPACES RECYCLING

Install new public spaces recycling bins at the Nature Park, Thompson Community Centre, Sea Island Community Centre, Britannia Shipyard and McDonald Beach.

1.3

Setting Business Up for Success

Richmond's new Single-Use Plastic and Other Items Bylaw No. 10000 is an important step towards reducing unnecessary plastic waste and pollution. Bans on single-use plastic are also anticipated at a provincial and federal level as part of a global initiative to reduce plastic waste.

As Bylaw 10000 and other future bans are being implemented, the City of Richmond has made it a priority to provide support for local businesses to help set them up for success as they transition to alternative materials. Starting from the initial introduction of Bylaw 10000 through to adoption and planned implementation, the City has worked with local businesses and organizations to provide information, respond to questions and develop resources that support business as they prepare for the new bans. The feedback from businesses has been very positive, and their input was integrated into the development of resources and communication materials.

The initial round of engagement with business was held in 2019 following the introduction of Bylaw 10000, and it involved sharing information and collecting feedback on both the ban and how the City can support business. The City reached out directly to affected businesses in the community and worked with nine organizations to help get the word out about the proposed Bylaw 10000 and the opportunity to participate in workshops. A comprehensive Discussion Guide was developed, and the City hosted 10 workshops involving 179 attendees. Participants shared ideas, identified concerns and asked questions during the workshops and through feedback forms.

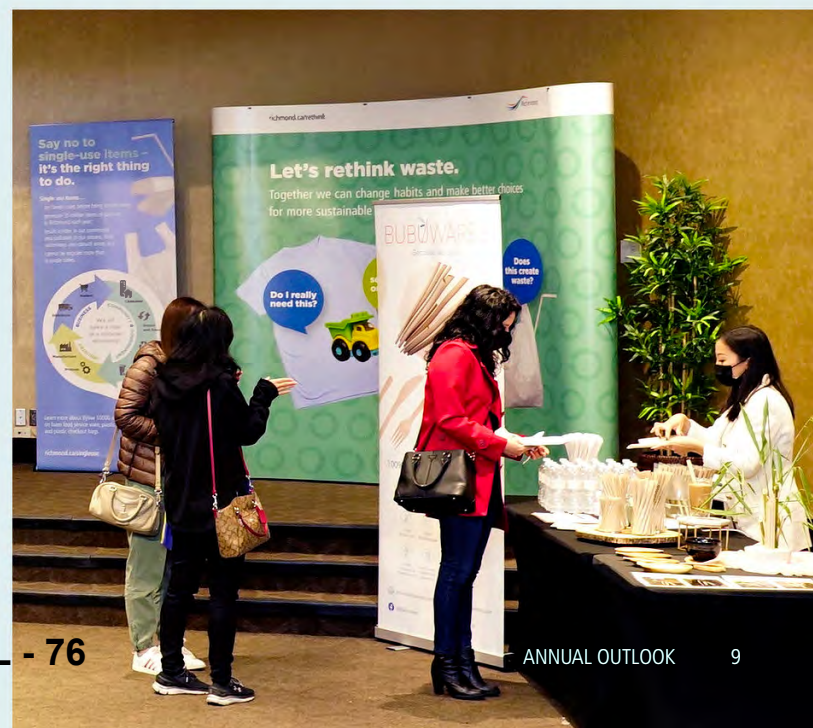
The City also hosted three open houses at local malls to make it easier for retail and restaurant vendors to participate. As well, staff completed door-to-door visits at 187 businesses in 2019 and attended two Richmond Chamber of Commerce Business-to-Business events.

The City initiated another round of engagement with business in 2021, which involved 10 virtual workshops with 121 participants. There were also 670 door-to-door visits to raise awareness about the upcoming ban and answer questions. In response to one of the top-rated ideas for supporting business, the City also partnered with the Richmond Chamber of Commerce to host a vendor trade show so that local businesses could meet directly with vendors.

Businesses who participated in the workshops and trade show expressed their appreciation noting that the City was “doing a lot more than most to support business” and that they felt much more informed about both Bylaw 10000 and accepted alternatives. In follow-up surveys, 80% of respondents indicated they found the vendor trade show very useful, and 100% of respondents said they felt informed about the new Bylaw following the workshops (66.7% very informed and 33.3% somewhat informed).

Richmond also developed multiple resources for businesses, including a Business Information Toolkit and point-of-sale communication materials like window decals, posters and shelf signs to help businesses inform their customers about Bylaw 10000 and to encourage reusable options instead. These materials and print order forms are all posted under Resources for Business at richmond.ca/singleuse.

Making the change to ban single-use plastic is an essential part of reducing unnecessary waste and pollution, and working together with local businesses, the City is on track for a successful transition to eliminate these banned items and encourage reusable options instead.



SHARING IDEAS TO REDUCE WASTE

2.0

Tracking Our Progress

As part of tracking its progress, the City of Richmond collects data across a broad spectrum of programs, services and activities. This data shows how residents have improved their recycling over the years, and how new programs are contributing to a circular economy.

The mix of data reported reflects the amount of recycling handled through residential collection programs, the usage and types of materials dropped off at the Richmond Recycling Depot and a breakdown of the different types of recyclable materials that are being diverted from the landfill through multiple recycling programs. As well, the City has a number of outreach initiatives that are aimed at increasing awareness and understanding about how to recycle correctly and consistently.



2.1 Diversion Statistics

Richmond residents in single-family homes diverted 79.3% of their waste from the landfill in 2021.

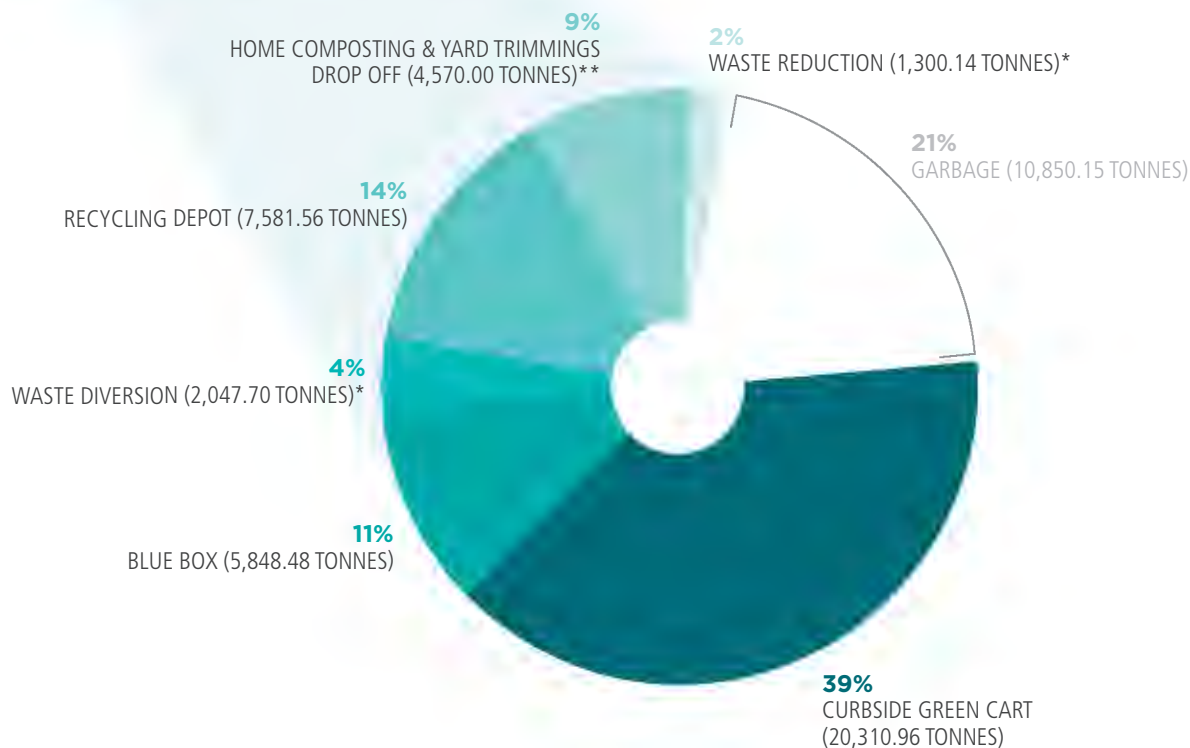
79.3%

**WASTE DIVERSION
ACHIEVED!**

SINGLE-FAMILY RECYCLING IN 2021

Residents took advantage of a variety of programs to divert **79.3%** of their waste from the landfill in 2021.

Residents were able to achieve this waste diversion through a number of recycling and waste reduction opportunities, including curbside and Richmond Recycling Depot collection, as well as composting programs.

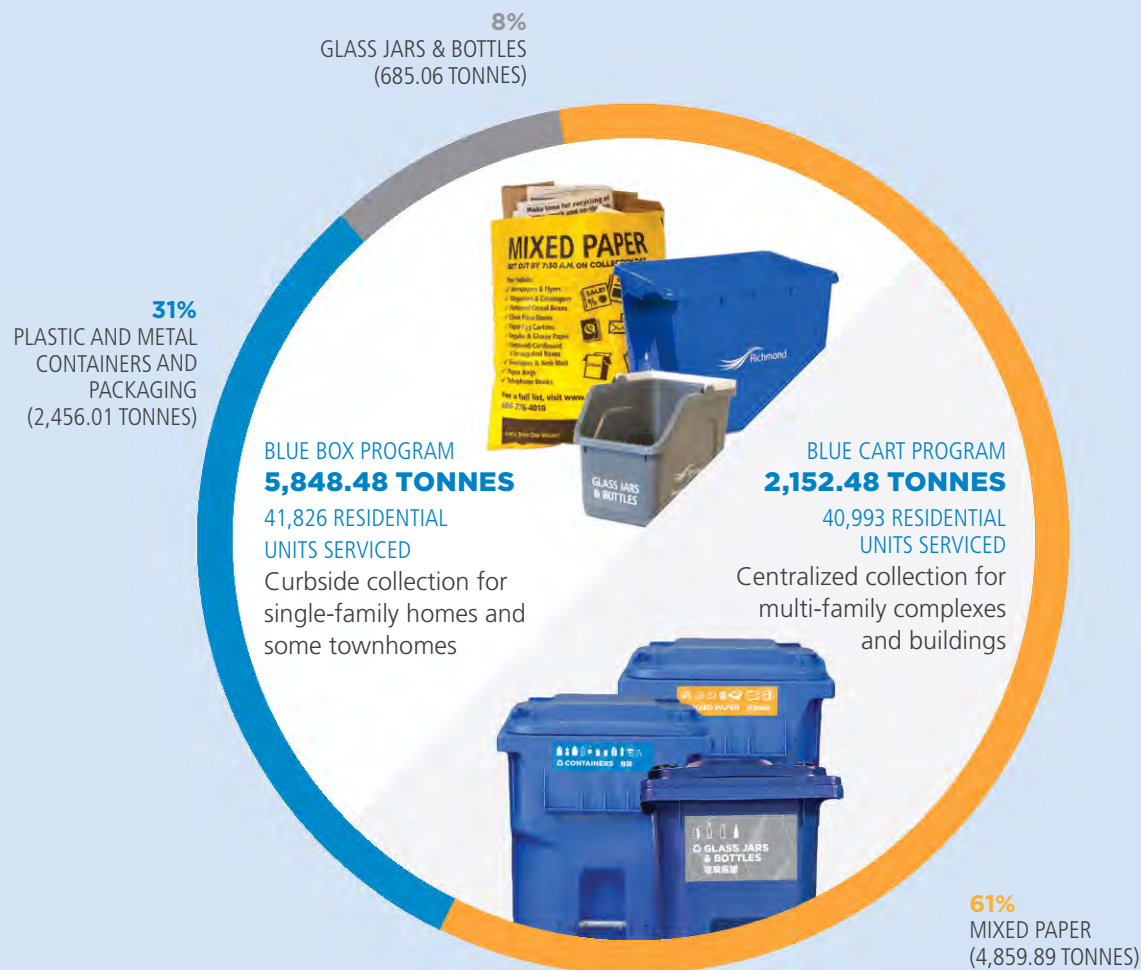


* Estimated

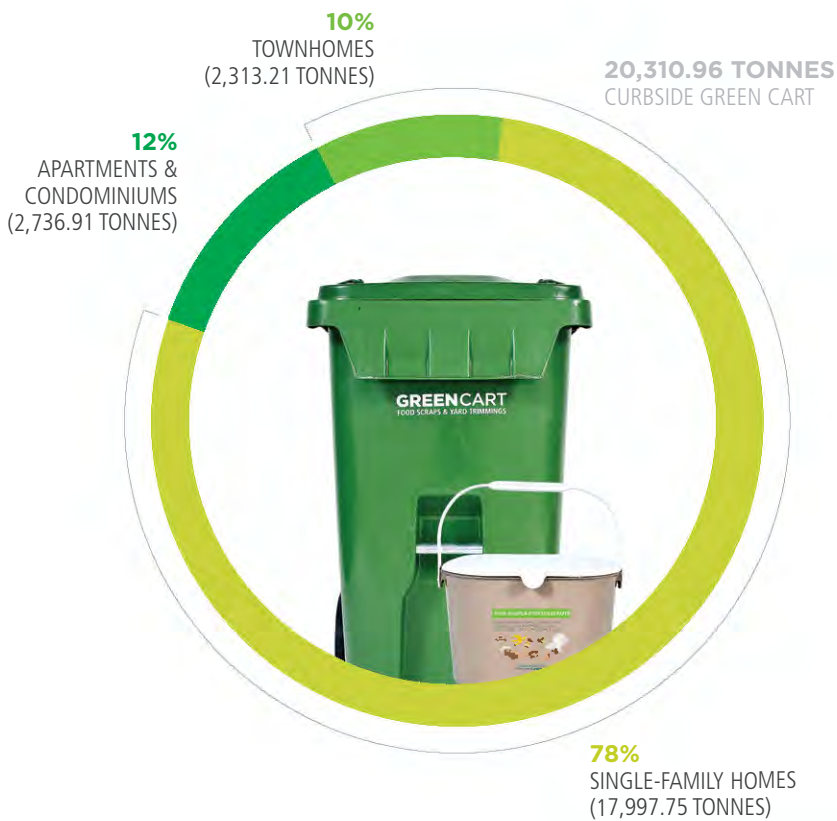
** Includes estimates for home composting, tree chipping and leaf drop-off programs.

BLUE BOX AND BLUE CART PROGRAMS RECYCLING MIX IN 2021

Through the Blue Box and Blue Cart programs, residents recycled a total of **8,000.96 tonnes** of recyclable materials.



RESIDENTIAL GREEN CART RECYCLING IN 2021



Residents diverted **23,047.87 tonnes** of food scraps and yard trimmings from landfill in 2021 to be composted into new resources.

Richmond's Green Cart program is for residents in single-family homes, townhomes, apartments and condominiums.

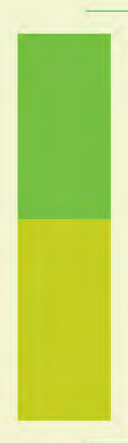
72,600 residential units received weekly collection in 2021.

In 2021, **7,420.62 tonnes** of yard trimmings were collected at the Richmond Recycling Depot and the Ecowaste residential and commercial drop-off service.

ECOWASTE INDUSTRIES
3,570.00 TONNES

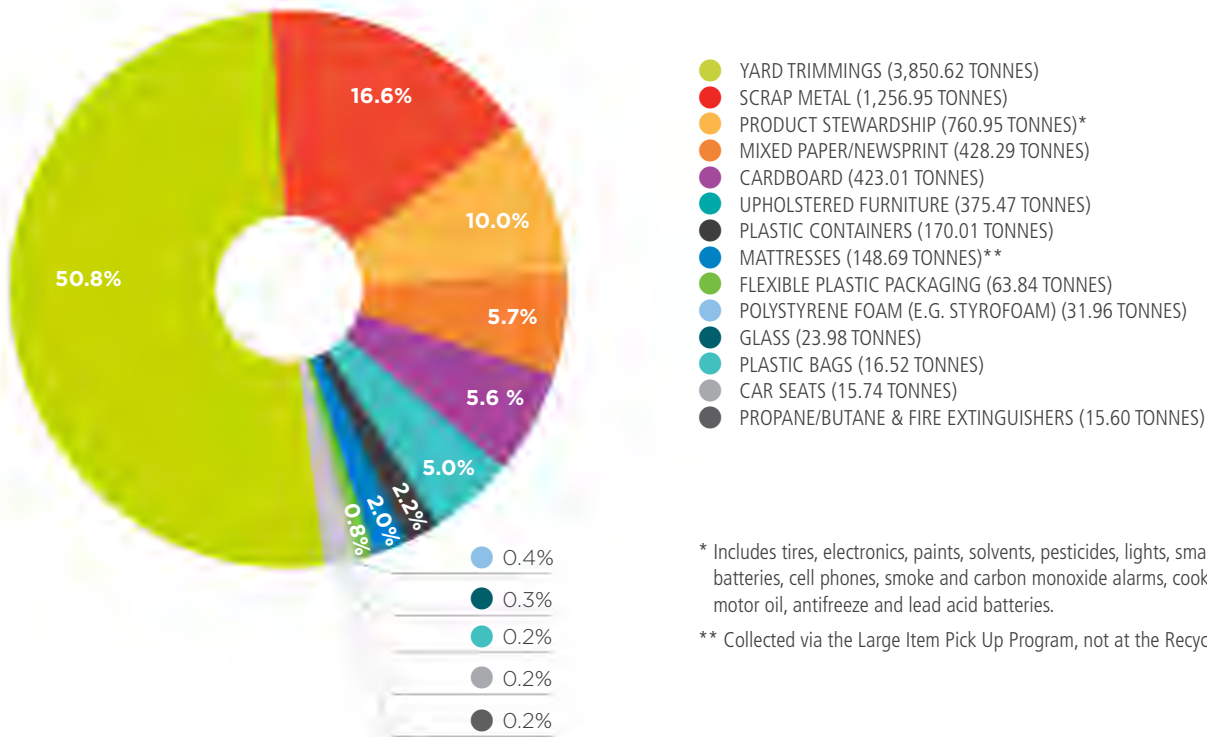
RICHMOND
RECYCLING DEPOT
3,850.62 TONNES

TOTAL
7,420.62 TONNES

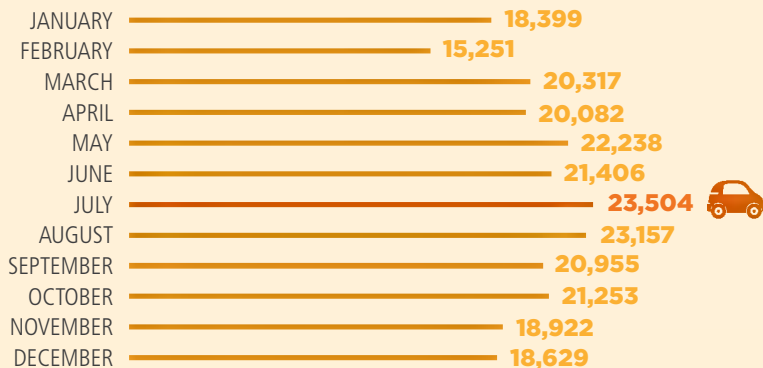


MATERIALS COLLECTED AT THE RICHMOND RECYCLING DEPOT

In 2021, **7,581.56 tonnes** of recyclable materials were collected at the Recycling Depot.



MONTHLY VEHICLE VISITS TO THE RICHMOND RECYCLING DEPOT



In 2021, July experienced the largest number of visits to the Richmond Recycling Depot at **23,504** visits.

RECYCLE MORE AT THE RICHMOND RECYCLING DEPOT

Open seven days a week, the Recycling Depot provides a convenient one-stop recycling service. The City continues to increase accepted items, and total tonnage of recycled materials increases each year.



LARGE ITEM PICK UP IN 2021



43,300 residential units recieved the service through their curbside programs.

15,628 requests for service.

836 tonnes were collected, and of this **644 tonnes** were recycled.



4,907
MATTRESSES &
BOXSPRINGS



437
WASHERS & DRYERS



257
TELEVISIONS



642
FRIDGES & FREEZERS



398
BARBECUES



241
DISHWASHERS



2,484
COUCHES &
LOVESEATS



1,217
CHAIRS & RECLINERS



347
STOVES &
MICROWAVES



1,928
OTHER RECYCLABLE
ITEMS

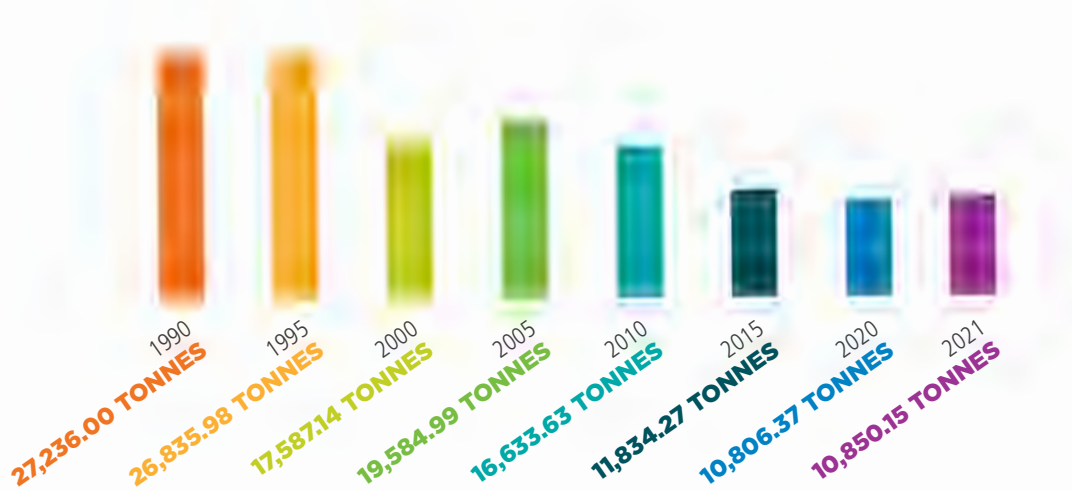
6,242

NON-RECYCLABLE HOUSEHOLD ITEMS COLLECTED
FOR SAFE HANDLING AND DISPOSAL

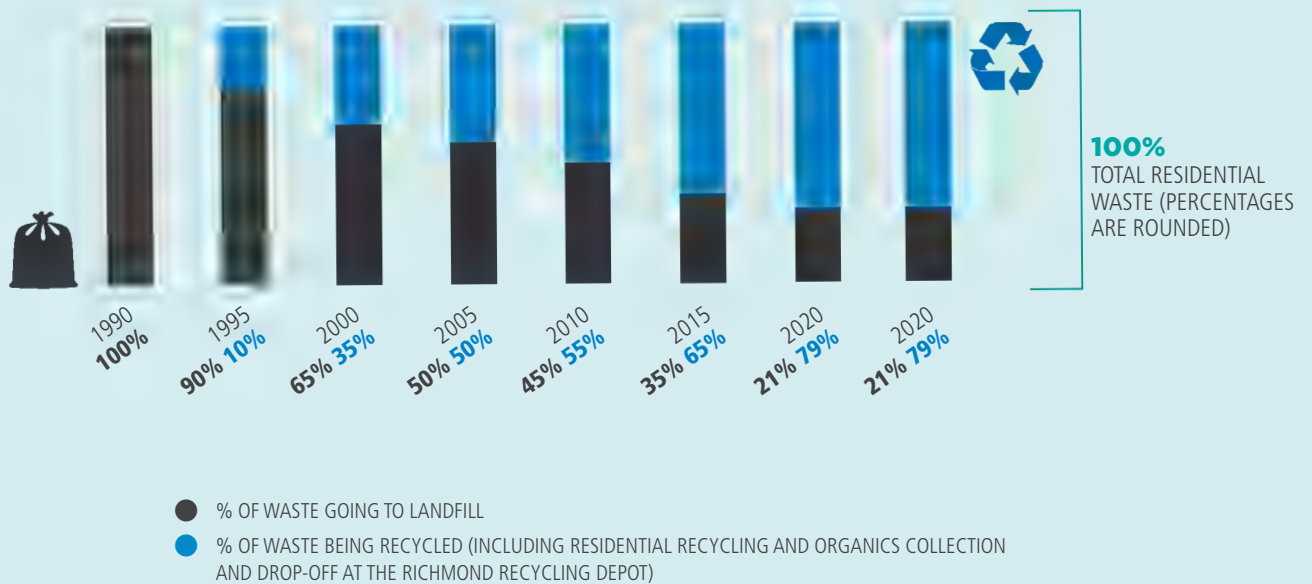
FROM GARBAGE DISPOSAL TO DIVERSION

Single-family homes garbage in tonnes:

35,500 residential units received Garbage Cart service in 2021.



Single-family homes diversion over time:



2.2

Outreach and Customer Service

Statistics in this section are related to our successful outreach and customer service programs, which are designed to turn education and information into action.

CUSTOMER SERVICE AND OUTREACH

Richmond's Environmental Programs staff share information, tips and resources by phone, as well as through outreach events and on the website.

17,928

**CUSTOMER SERVICE
CALLS SUPPORTED**

**70
HOURS**

**70 participant
hours** in virtual youth
engagement sessions
"Zero heroes: home
edition"

**342
REGISTRANTS**

342 registrants for
14 outreach sessions
on various topics



COMPOST BINS, GARBAGE TAGS AND VOUCHERS

110
COMPOST
BINS SOLD

10,860
GARBAGE
TAGS SOLD

2,223
GARBAGE DISPOSAL
VOUCHERS SOLD

GARBAGE, LITTER AND COMMUNITY GARDEN COLLECTION

Crews **travel 3,321 kilometres per week** to inspect and service bins , and **cleaned up 1,027 illegal dumping sites**.

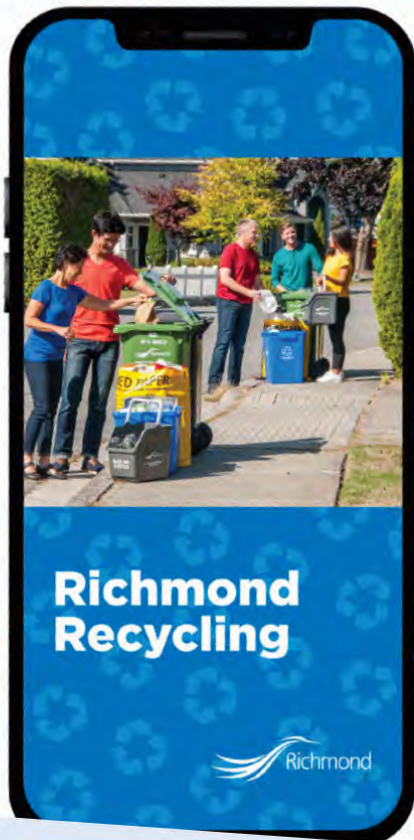
13,135
BIN INSPECTIONS
PER MONTH

17,784
BINS SERVICED
PER MONTH

39
COMMUNITY
GARDEN
GREEN CARTS
SERVICED

371,030
BIN VISITS PER YEAR

ONLINE SEARCH AND TIPS TOOLS



The Richmond Recycling app has been installed **10,563 times** to date, and used a total of **69,661 times**.

16,865
REMINDERS

8,947
PDF CALENDAR
DOWNLOADS

5,952
RECYCLING
GAMES PLAYED

94,864
RECYCLING WIZARD
SEARCHES

TOP MATERIALS SEARCHED ON THE RECYCLING WIZARD - ALL TIME



SCHOOL AND YOUTH ENGAGEMENT

In 2021, **146 youth** volunteered in Richmond's Green Ambassador program.

10 symposiums for training and networking with fellow Green Ambassadors were held, for a total of 624 training hours.

In 2021, Green Ambassadors spent 325 hours providing input and guidance on the **electric vehicle toolkit and lesson plan**.



COMMUNITY ENGAGEMENT



4 Rethink and Reuse Waste sessions with a total of **80 participants**.

8 Recycling Workshops with a total of **208 participants**.

10 Single-Use Ban Business Workshops sessions with a total of **121 participants**.

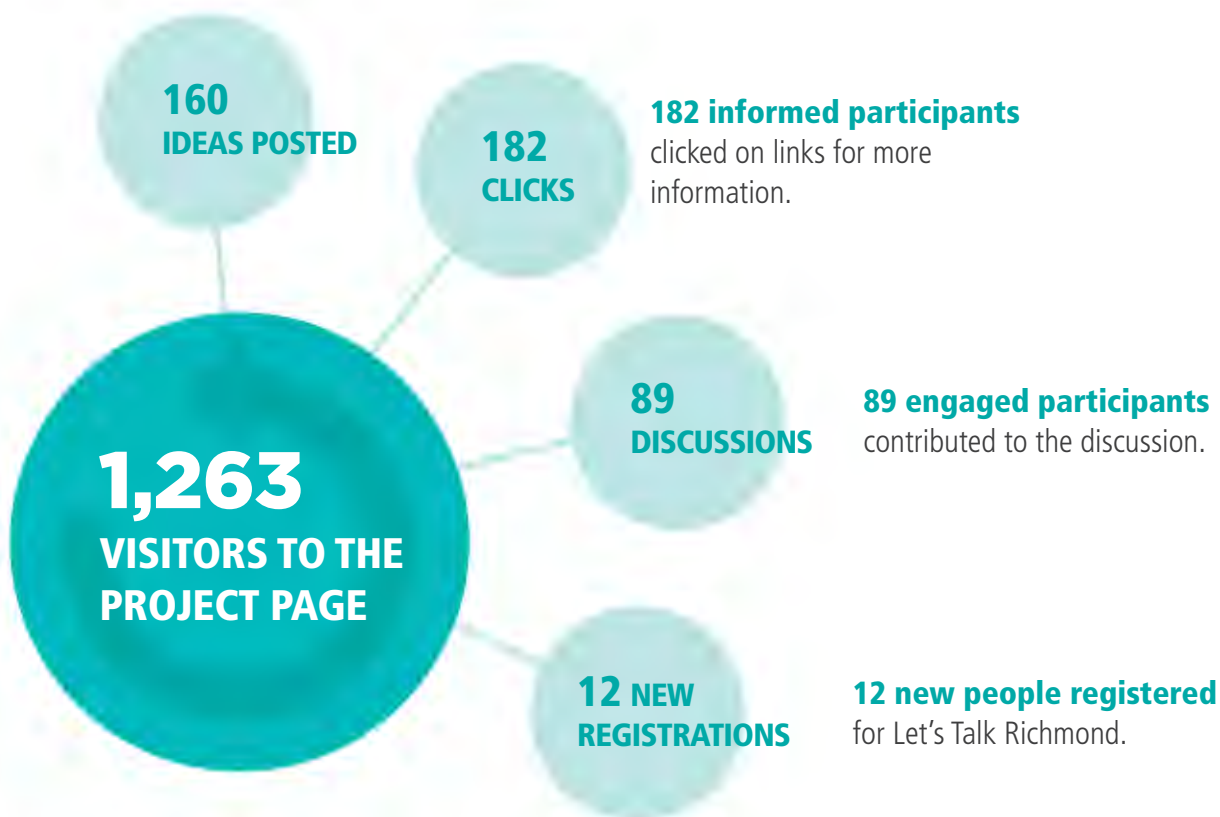
In spite of COVID restrictions limiting in-person outreach, the City **pivoted to expand virtual engagement**.

RETHINK WASTE THINK TANK & COMMUNITY IDEAS HUB

Recycling is important, but reducing waste overall is an essential part of responsible waste management and protecting the environment. Recognizing that Richmond residents are dedicated to sustainable waste management, the City initiated the Rethink Waste Think Tank on Let's Talk Richmond to invite community members to share their ideas on how to reduce waste.

With **160 posted ideas**, the Rethink Waste Think Tank led to the development of a Community Ideas Hub on the City's website.

RETHINK WASTE THINK TANK RESULTS



COMMUNITY IDEAS HUB

The Community Ideas Hub features tips, resources and other suggestions shared by community members to help change habits and think differently about purchases, avoid unnecessary waste and find ways to reuse and recycle products to support a circular economy and reduce reliance on raw materials.

The Community Ideas Hub features ideas to:

**REDUCE
SINGLE-USE
ITEMS**

**REPAIR
HOUSEHOLD
ITEMS**

**REDUCE
FOOD
WASTE**

**RETHINK AND
REPURPOSE
ITEMS**

**DONATE, SELL,
TRADE AND
SHARE ITEMS**

To view the Community Ideas Hub for tips on how to reduce waste, visit richmond.ca/rethink.

HOW RESIDENTS CAN HELP SUPPORT A CIRCULAR ECONOMY?

1. Stop: Rethink what you're putting in the garbage. Can it be recycled, donated, repurposed or reused?

2. Reduce: Reduce waste by choosing reusable options, repairing items and avoiding single-use products such as bottles, film wrap, plastic bags and Polystyrene foam (e.g. Styrofoam) plates and containers.

4. Recycle: Keep food scraps and food-soiled paper out of the garbage, and recycle other materials through City collection services, the Richmond Recycling Depot and take-back programs.

3. Reuse: Donate or sell used items in good condition so they can be reused.





**OUR GOAL IS
CONSISTENT
AND CORRECT
RECYCLING**

3.0

Programs and Services

Richmond residents in single-family homes divert most of their waste, and recycling is increasing in townhomes and other multi-family complexes.

To support residents and their commitment to recycling, Richmond continues to expand services to help residents reduce their garbage and create incentives to promote increased recycling. Green Cart and Blue Box/Blue Cart recycling remain core services to help residents recycle. Residents can also drop off a growing list of recyclable items at the Richmond Recycling Depot and other drop-off facilities.

Richmond works with residents, industry partners, product stewardship groups and businesses to achieve its goal to support a circular economy by implementing sustainable waste management. Through partnerships and community engagement, Richmond's commitment to continuous improvement results in enhanced services to benefit residents.

Through its contract with Recycle BC, the City generates revenue to offset recycling costs for residents; however, the City must also adhere to requirements related to the quality of recycling. If banned items are found in the garbage or contamination is found in recycling, the City can be charged fines and other penalties. These requirements are based on the City's *Solid Waste and Recycling Regulation Bylaw No. 6803*, contract requirements with Recycle BC and organics processing facilities, and Metro Vancouver disposal bans for items that must be recycled as they are not permitted in the garbage.

3.1

Program and Service Overview

Richmond delivers a wide range of recycling and waste management services for residents to ensure that all waste is managed effectively and efficiently. The following are the key recycling and waste management services offered through the City of Richmond.



BLUE BOX

The Blue Box program provides weekly curbside collection for paper, newsprint, glass bottles and glass jars, plastic containers, empty aerosol cans, milk cartons, plastic/paper drink cups, spiral wound containers, and tin and aluminium containers. For details, see page 30.



BLUE CART

The Blue Cart program provides weekly recycling collection for paper, newsprint, glass bottles and glass jars, plastic containers, aerosol cans, milk cartons, plastic/paper drink cups, spiral wound containers and tin and aluminium containers. For details, see page 30.



GREEN CART

The Green Cart program provides weekly collection for foods scraps and yard trimmings. This program is provided to residents in single-family homes, townhomes and multi-family complexes. For details, see page 36.



BACKYARD COMPOSTING

Support for residential composting includes the sale of backyard compost bins and a composting demonstration garden. These services are available to all residents. For details, see page 39.



GARBAGE CART

Biweekly curbside collection of garbage, not including banned items such as hazardous waste and materials that can be recycled, is available to residents in single-family homes and some townhomes. Garbage Tags and Garbage Disposal Vouchers for the Vancouver Landfill provide options for residents for disposal of additional garbage. For details, see page 40.



LARGE ITEM PICK UP

Residents with the City Blue Box and/or City Garbage Cart program can arrange for collection of large household items. For details, see page 46.



RICHMOND RECYCLING DEPOT

The Recycling Depot accepts products ranging from yard trimmings and household items, to hazardous materials and take-back program products. This service is available to all residents and in limited quantities for commercial operators. The Recycling Depot also sells backyard compost bins, rain barrels, Garbage Tags and Garbage Disposal Vouchers for use at the Vancouver Landfill. For details, see page 42.



LITTER COLLECTION

Litter Attendants are on the road seven days a week to inspect or service garbage and recycling bins more than 6,700 times each week throughout the city, collecting additional litter along the way. For details, see page 49.



PUBLIC SPACES AND EVENT RECYCLING

Recycling bins in the community make it easy to recycle on the go, such as in parks, at community centres, in the Steveston business district and at the Canada Line stations and Richmond central bus stops. Richmond supports community events by loaning garbage and recycling bins for local events at no charge. For details see Public Spaces Programs on page 48 and Outreach and Customer Service on page 50.



COMMUNITY AND SCHOOL ENGAGEMENT

Through partnerships with students, teachers and the School District, Richmond delivers educational workshops, awareness programs and volunteer opportunities to increase understanding of recycling and the benefits of reducing waste. For details see Outreach and Customer Service on page 50.



3.2

Blue Box and Blue Cart Programs

Richmond's Blue Box and Blue Cart recycling programs provide convenient collection of a wide variety of materials including mixed paper, plastic containers, paper and plastic drink cups, empty aerosol cans and spiral wound cans like frozen juice concentrate containers as well as glass bottles and glass jars.

Richmond's Blue Box program for door-to-door curbside collection includes a Blue Box for containers, yellow Mixed Paper Recycling Bag for paper and small, flattened cardboard items and a grey Glass Recycling Bin for glass bottles/jars. The Blue Cart program for centralized collection has separately labeled carts for containers, mixed paper and glass.

It is important to ensure materials are sorted correctly into the proper recycling receptacles. For example, recyclables must be placed individually in bins – not stacked, nestled or in plastic bags. Glass bottles/jars must be placed in the Glass Recycling Bin/Cart – not the Blue Box or Containers Recycling Cart.

Also, some items are not accepted in the Blue Cart/Blue Box program, such as non-packaging plastics like toys, hangers and laundry baskets, as well as non-packaging metal items like scissors and pans. These items are accepted at the Richmond Recycling Depot.

- ✓ Empty aerosol cans & caps (food items, air fresheners, shaving cream, deodorant, hairspray)
- ✓ Microwavable bowls, cups & lids
- ✓ Paper food containers & cartons
- ✓ Paper & plastic drink cups with lids
- ✓ Plastic containers, trays & caps (bakery containers & deli trays)
- ✓ Plastic & paper garden pots & trays
- ✓ Spiral wound paper cans & lids (frozen juice, potato chips, cookie dough, coffee, nuts, baby formula)

- ✓ Aluminium cans & lids
- ✓ Aluminium foil & foil containers (foil wrap, pie plates, food trays)
- ✓ Plastic bottles & caps (food items, condiments such as ketchup, mustard & relish, dish soap, mouthwash, shampoos, conditioners)
- ✓ Plastic jars & lids
- ✓ Plastic tubs & lids (margarine, spreads, dairy products such as yogurt, cottage cheese, sour cream, ice cream)
- ✓ Tin cans & lids

- X Aerosol cans with hazardous materials (spray paint)*
- X Butane cylinders*
- X Ceramic plant pots
- X Compostable/biodegradable plastic bags & containers
- X Containers for motor oil, vehicle lubricant or wax products*
- X Foil-lined cardboard lids from take-out containers

- X Garden hoses
- X Paper takeout containers
- X Plastic bags & overwrap*
- X Plastic string or rope
- X Polystyrene foam (e.g. Styrofoam) materials*
- X Propane tanks*

* Take to the Richmond Recycling Depot



Place materials separately in the bins – don't put recyclables into plastic bags. Bagged items will go in the garbage.



Empty, rinse and flatten containers.
Food or other materials in the
containers contaminate the recycling.
Remove lids and recycle separately.



Avoid stacking or nestling items together, instead place them separately in the bins. For example, don't nestle an aluminium can inside a plastic container.



Separate glass jars and glass bottles and recycle in the grey Glass Recycling Bin or Glass Recycling Cart.



PAPER PRODUCTS: MIXED PAPER RECYCLING BAG/CART



✓ ACCEPTED

- ✓ Newspapers, inserts & flyers
- ✓ Flattened cardboard boxes
- ✓ Catalogues & magazines
- ✓ Cereal boxes
- ✓ Clean pizza boxes
- ✓ Corrugated cardboard (small pieces)
- ✓ Envelopes
- ✓ Junk mail
- ✓ Paper bags

- ✓ Paper egg cartons
- ✓ Paper gift wrap & greeting cards
- ✓ Paper takeout containers (including those with a shiny coating)
- ✓ Telephone books
- ✓ Shredded paper (place inside a paper bag to avoid scattering)
- ✓ Writing paper (notepads, loose leaf paper, white or coloured paper, printed paper)

✗ NOT ACCEPTED

- ✗ Cardboard boxes with wax coating
- ✗ Plastic bags used to cover newspapers/flyers
- ✗ Metallic wrapping paper
- ✗ Ribbons or bows

- ✗ Musical greeting cards with batteries
- ✗ Padded envelopes
- ✗ Plastic or foil candy wrappers



Remove plastic liners/covers and/or any food residue.



Put shredded paper in a paper bag before placing in the Mixed Paper Recycling Bag/Cart to avoid scattering.



Cut cardboard into small pieces and flatten boxes to take up less space in the Mixed Paper Recycling Bag/Cart and in the collection truck.



Oversized/excessive amounts of cardboard can be dropped off at the Richmond Recycling Depot.



GLASS JARS & GLASS BOTTLES: GLASS RECYCLING BIN/CART



✓ ACCEPTED

- ✓ Clear or coloured glass bottles and glass jars (pickle jars, jam jars, spaghetti sauce jars, soy sauce bottles)

✗ NOT ACCEPTED

- ✗ Glasses, dishes, cookware, window glass and mirrors
- ✗ Ceramic products
- ✗ Lids and caps (remove from the glass bottle/jar and place in Blue Box/Containers Recycling Cart)



Remove plastic and metal lids and recycle separately in the Blue Box/ Containers Recycling Cart.



Empty and rinse jars and bottles. Make sure no food is left inside because it contaminates the recycling.



Set Out Time

Before 7:30 a.m. every week on collection day.

Note: For centralized Blue Cart service, the collection details are arranged between the City and the Strata Council or Property Manager. Residents do not have to set the Blue Carts out for collection.



Report a Missed Collection

Call 604-276-4010 or email garbageandrecycling@richmond.ca.



How to Get More Free Recycling Supplies

Supplies include:

- Blue Boxes
- Glass Recycling Bins
- Indoor Collection Bags
- Mixed Paper Recycling Bags

Three ways to order supplies:

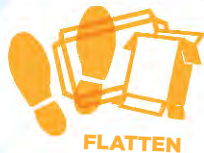
1. Pick up at Richmond Recycling Depot
2. Call 604-276-4010
3. Order online at richmond.ca/recyclesearch

Richmond Recycling Depot

5555 Lynas Lane
Open 7 days a week
(Closed on statutory holidays)
9:00 a.m. to 6:15 p.m.

How to Recycle Correctly

SIMPLE STEPS FOR BETTER RECYCLING



HOW TO RECYCLE CORRECTLY



COMMON MISTAKES

Glass bottles and glass jars are placed incorrectly in the Blue Box or Containers Recycling Cart

Non-recyclable plastic items are placed in recycling bins (Straws and plastic cutlery)

Containers with food residue are not rinsed before recycling

Recyclable items that are not accepted in residential collection are placed incorrectly in the Blue Box / Blue Cart, such as:

- Batteries and cell phones
- Electronics
- Paints and solvents
- Plastic bags
- Polystyrene foam (e.g. Styrofoam)
- Propane tanks and butane containers
- Non-packaging plastics like toys and coat hangers

HOW TO RECYCLE CORRECTLY

Recycle in grey Glass Recycling Bin or Glass Recycling Cart.

These are not recyclable. Please put in the garbage.

Remove food and rinse before placing in Blue Box or Containers Recycling Cart.

Drop off at Richmond Recycling Depot – 5555 Lynas Lane.



Not sure where to recycle an item?
Use the Recycling Wizard on the free
Richmond Recycling app or at
richmond.ca/recyclesearch

You can find drop-off locations and how to recycle a variety of household items using the Recycling Wizard on the free Richmond Recycling app available at the Apple and Android app stores. Plus, you can schedule weekly collection day reminders, order supplies and play the Recycling Challenge game!



3.3

Green Cart Program

Food scraps are banned from the garbage, which means they must be recycled or composted, and the City can be charged fines and other penalties when organics are found in the garbage. With the Green Cart program, all Richmond residents have access to food scraps recycling and when recycling with a Green Cart, residents are helping turn food scraps and yard trimmings into compost for nutrient-rich soil.

Richmond also encourages organics recycling by providing Green Cart service at no charge at the City-sponsored community gardens.

It is important to ensure that only food scraps, food soiled paper, and yard and garden trimmings go in the Green Cart. When items like plastic bags, polystyrene foam (e.g. Styrofoam) or biodegradable/compostable plastic bags are found in the Green Cart, the load is considered contaminated as these materials are not accepted at processing facilities because they compromise the quality of the compost.

Residents can also create their own compost at home to keep these organic materials out of landfills. Residents can purchase a backyard compost bin at the Richmond Recycling Depot.



GREEN CART FOR FOOD SCRAPS & YARD TRIMMINGS



✓ ACCEPTED

FOOD SCRAPS & FOOD SOILED PAPER

- ✓ Breads, pasta, rice & noodles
- ✓ Coffee grounds & filters
- ✓ Dairy products
- ✓ Fruit
- ✓ Eggshells
- ✓ Meat, poultry, fish, shellfish & bones
- ✓ Paper tea bags
- ✓ Paper towels, napkins & plates
- ✓ Pizza delivery boxes
- ✓ Small amounts of grease/oil absorbed into paper towel
- ✓ Solid grease
- ✓ Table scraps & food scrapings
- ✓ Vegetables

YARD TRIMMINGS

- ✓ Flowers
- ✓ Leaves
- ✓ Grass clippings
- ✓ Other organic yard materials
- ✓ Plants (living or dead/dried)
- ✓ Plant trimmings
- ✓ Tree & hedge prunings (branches must be no more than 10 cm (4 in) in diameter and cut short enough to fit in the Green Can with the lid closed)

✗ NOT ACCEPTED

- ✗ Coffee cups
- ✗ Compostable & biodegradable plastic bags
- ✗ Garden hoses or flower pots
- ✗ Liquid grease
- ✗ Lumber
- ✗ Pet feces or kitty litter
- ✗ Plastic bags & plastic overwrap
- ✗ Plastic mesh tea bags
- ✗ Plastic wraps
- ✗ Polystyrene foam (e.g. Styrofoam) cups, meat trays or takeout containers
- ✗ Prunings over 4 inches (10 cm) in diameter
- ✗ Rocks, dirt or sod



Collect food scraps in your kitchen container. Wrap food scraps in small amounts of newspaper or used paper towel before adding to kitchen container.



Sprinkle kitchen container with baking soda to reduce odours and consider freezing food scraps until you're ready to empty them into the Green Cart.



Keep kitchen container clean by lining it with a few sheets of newspaper, a paper bag liner or used paper towel.



Empty materials from your kitchen container into your Green Cart.



Place yard trimmings into Green Cart along with your food scraps. Extra yard trimmings can go in large paper bags or additional labelled Green Cans.



MULTIPLE GREEN CART SIZES AVAILABLE

Richmond provides Green Carts in multiple sizes to meet resident's recycling needs. Residents can exchange their Green Cart for a different size by contacting the Environmental Programs Information Line at 604-276-4010 or email garbageandrecycling@richmond.ca. There is a \$25 fee for cart exchanges.

SINGLE-FAMILY HOMES CART SIZE SELECTION



TOWNHOMES CART SIZE SELECTION





BACKYARD COMPOSTING PROGRAMS

Backyard Compost Bins: Backyard compost bins are available for sale at the Richmond Recycling Depot for \$25 plus tax.

Demonstration Garden: To help residents learn about composting, the City hosts a Compost Demonstration area in the Terra Nova Rural Park at 2631 Westminster Highway just west of No. 1 Road. It is open from dawn to dusk year-round.

Compost Hotline: For tips call 604-736-2250 or email composthotline@telus.net.

YARD TRIMMINGS DROP-OFF

Richmond residents and commercial landscapers can drop off yard trimmings at the following locations.

Ecowaste Industries

15111 Williams Road

Commercial operators can be pre-approved for dropping off materials at no charge when they are servicing residential properties with Richmond Green Cart service.

Visit ecowaste.com or call 604-277-1410 for detailed information.

City Recycling Depot

5555 Lynas Lane

Open 7 days a week

(Closed on statutory holidays)

9:00 a.m. to 6:15 p.m.

There is no charge for dropping off amounts less than one cubic yard (a car, station wagon or minivan load). Large loads are charged a fee of \$20 per cubic yard. Commercial operators will be charged a fee of \$20 per cubic yard at the Richmond Recycling Depot.



Set Out Time

Before 7:30 a.m. every week on collection day.

Note: For centralized Green Cart service, the collection details are arranged between the City and the Strata Council or Property Manager. Residents do not have to set the carts out for pick up.



Report a Missed Collection or Damaged Green Cart

Call 604-276-4010 or email garbageandrecycling@richmond.ca.



How to Exchange your Green Cart

Various cart sizes are on display at the Richmond Recycling Depot. Please note there is a \$25 charge to exchange your cart. To change to an alternative size please contact:

Environmental Programs
604-276-4010



New/Replacement Kitchen Containers

Three ways to get a kitchen container:

1. Pick up at Richmond Recycling Depot
2. Call 604-276-4010
3. Order online at richmond.ca/recyclesearch



3.4

Garbage Cart Program

Richmond's curbside Garbage Cart program provides residents with convenient options for waste disposal. Household garbage is collected biweekly. The Garbage Cart program includes City-provided carts with wheels and lids and is designed to lower costs for residents who are reducing their garbage by recycling their household waste.

Most household items are recyclable. Residents are encouraged to think twice before putting items in the garbage to help keep recyclables out of the landfill.

It's important to secure or wrap loose garbage to prevent materials from being scattered by wind or animals. Garbage must be securely packed in plastic bags. This includes ashes, kitty litter, disposable diapers, vacuum cleaner sweepings, disposable masks and gloves, and other loose household garbage.

All garbage must be placed at curbside before 7:30 a.m. on collection day but no earlier than 8:00 p.m. the day before. Do not place receptacles or other items on the road.

Residents are responsible for cleaning up any loose materials that have been scattered over the ground by animals, wind or vandalism.



EXTRA ITEM DISPOSAL OPTIONS

Garbage Disposal Vouchers

Richmond residents may purchase a Garbage Disposal Voucher for \$5 at all City facilities. These vouchers are good for up to \$25 at the Vancouver Landfill, and are valid anytime. They are limited to one per household.

\$2 Garbage Tags

Garbage Tags for curbside collection are available for purchase at all City facilities. One Garbage Tag is good for an additional garbage bag or can.

Visit richmond.ca/garbage for a list of City facilities selling Garbage Tags and Garbage Disposal Vouchers.

GARBAGE CART SIZE OPTIONS

Residents who select smaller cart sizes are generating less garbage and as a result, pay less for their annual garbage collection.

Residents can exchange their cart for a different size, and their garbage collection fees are adjusted according to the size selected. Residents can exchange their Garbage Cart for a different size for \$25 by calling 604-276-4010.



Extra Large
360 litres
D 34.5 x W 25 x H 44.5 in



Large
240 litres
D 27.5 x W 24.5 x H 43 in
**Standard size for
single-family homes**



Medium
120 litres
D 21.5 x W 19 x H 37.5 in
**Standard size
for townhomes**



Small
80 litres
D 20 x W 16 x H 34.5 in



3.5

Richmond Recycling Depot

The Richmond Recycling Depot is located at 5555 Lynas Lane and is open from 9:00 a.m. – 6:15 p.m., seven days a week for drop off of a broad range of materials.

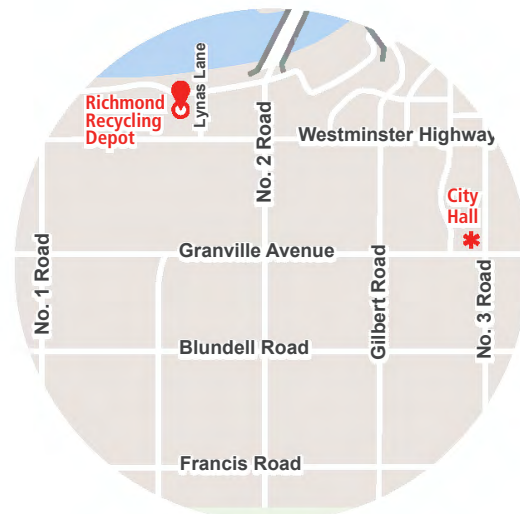
The Recycling Depot is owned and operated by the City of Richmond, with both full-time staff and additional staff support as needed to manage increased recycling volumes. Staff on site are available to answer questions and provide assistance with unloading awkward or heavy items.

The City continues to increase the number of items accepted at the Recycling Depot to make it a convenient, one-stop drop-off location for multiple items. Richmond residents can drop off a wide range of recyclable materials at no charge.

Richmond Recycling Depot

5555 Lynas Lane

Open 7 days a week, 9:00 a.m. to 6:15 p.m.
(except statutory holidays)





RECYCLING DEPOT SERVICES

Residents are encouraged to use the curbside recyclables collection for glass bottles and glass jars, rigid plastic containers, newsprint and mixed paper. Businesses are encouraged to subscribe to on-site collection services if a large quantity of recyclables is produced. However, small business operators can drop off one cubic yard of materials at the Recycling Depot per day.

This facility accepts a wide range of materials including cardboard, yard and garden trimmings, mixed paper and newspapers, as well as Polystyrene foam (e.g. Styrofoam), used books, cell phones, household batteries, plastic

bags and metal items (e.g. bike frames, barbecues, lawn mowers). The facility is also a product stewardship (take back) collection site for large and small appliances, paints, solvents, flammable liquids, pesticides, lights and lighting fixtures, tires, electronics, motor oil, batteries, and smoke and carbon monoxide alarms.



For Sale at the Recycling Depot

- Compost bins - \$25 each + tax
- Rain barrels - \$30 each + tax
- Extra Garbage Tags - \$2 each
- Garbage Disposal Vouchers - \$5 for Richmond residents and value is up to \$25 at the Vancouver Landfill



Free Recycling Supplies Available at the Recycling Depot

- Kitchen Containers
- Grey Glass Recycling Bins
- Blue Boxes
- Yellow Mixed Paper Recycling Bags
- Indoor Collection Bags
- Green Can Decals

Welcome to the Richmond Recycling Depot!

You'll be amazed by how much you can take – for free – to the Richmond Recycling Depot.

Use the map below to see where to take your items once you arrive at the Recycling Depot. The icons are colour-coded to match the signs at the Depot and help you quickly find your way.

There are always attendants available to help you and to safely handle hazardous recyclable items.




For a virtual tour, visit
richmond.ca/depot



Welcome!



MATERIALS ACCEPTED

- ✓ Aerosol & spiral wound cans
- ✓ Aluminium materials
- ✓ Appliances
-  ✓ Baby car seats/booster seats (pilot program)
- ✓ Batteries (lead acid car batteries)
- ✓ Batteries (small household batteries less than 5 kg)
- ✓ Books
- ✓ Butane cylinders
- ✓ Cell phones (including batteries)
- ✓ Cooking oil & animal fat
- ✓ Corrugated cardboard (flattened, clean corrugated boxes)
- ✓ Electronics
- ✓ Exercise & hobby machines
- ✓ Fire extinguishers
- ✓ Flammable aerosols
- ✓ Flammable liquids
- ✓ Flexible plastic packaging
- ✓ Flower pots (paper & plastic pots/trays)
- ✓ Gasoline (in approved ULC containers)
- ✓ Glass bottles/jars (clear & coloured)
- ✓ Lights
- ✓ Lighting fixtures
- ✓ Magazines
- ✓ Metal items
- ✓ Mixed paper
- ✓ Motor oil & antifreeze
- ✓ Newspaper
- ✓ Paints (household paints)
- ✓ Paint aerosols
- ✓ Pesticides (domestic pesticides)
- ✓ Plastic containers
- ✓ Plastic grocery bags & plastic overwrap
- ✓ Polystyrene foam (e.g. Styrofoam) packaging
- ✓ Power tools
- ✓ Propane tanks
- ✓ Sewing, knitting & textile machines
- ✓ Smoke & carbon monoxide alarms
- ✓ Tin & aluminium cans
- ✓ Tires (passenger & light-duty trucks only)
- ✓ Upholstered furniture
- ✓ Yard & garden trimmings

All materials must be sorted into different containers at the Recycling Depot. Please visit richmond.ca/depot for more information.



3.6

Large Item Pick Up Program

Richmond's Large Item Pick Up program provides a convenient curbside collection service for up to six large household items per year, including mattresses, furniture and appliances. This program is designed to make it more convenient for residents to dispose of large household items and to help reduce illegal dumping. As well, through this program, large household items that can be recycled will be diverted from the landfill.

The Large Item Pick Up program is provided to residents in single-family homes, as well as townhomes and multi-family complexes with the City's Garbage Cart and/or Blue Box program.

This service makes it easier for residents who do not have access to a vehicle to dispose of large items.

HOW THE PROGRAM WORKS

- 1** To schedule collection of up to six items per year, residents can contact the City's service provider, Sierra Waste Services at 604-270-4722 or schedule online at richmond.ca/largeitem.
- 2** Sierra Waste Services will contact you to provide a pick up date and confirmation number.
- 3** On your scheduled pick up date only, place items at the curb or for multi-family complexes, in the area designated by the strata or property manager, before 7:30 a.m. or no earlier than 8:00 p.m. the night before.

LARGE ITEM PICK UP PROGRAM



✓ ACCEPTED

- ✓ Appliances (e.g. stove, dishwasher, washer and/or dryer, hot water tank, refrigerator, freezer, microwave)
- ✓ Barbecue (remove lava rock briquettes and/or propane tank)
- ✓ Bed frame
- ✓ Electric lawnmower
- ✓ Exercise equipment (treadmill, elliptical, stationary bike, stair climber, weight set)
- ✓ Furniture (e.g. couch, coffee table, chair, desk, dresser, TV stand, cabinet, table, hutch, crib, high chair, entertainment center)
- ✓ Headboard
- ✓ Mattress or boxspring
- ✓ Outdoor furniture (chair, patio table, patio umbrella)
- ✓ Small household goods, provided they are boxed or bundled and are a reasonable size (one box or bundle is equal to one of the resident's six allotted items)
- ✓ Tires (car and light duty truck)

! PREPARATION REQUIREMENTS

- ! Wrap mattresses in plastic and seal with tape to prevent them from getting wet. Cover boxsprings and upholstered furniture with tarps or plastic to keep it dry. Tarps will be left behind for reuse.
- ! Confirm mattresses, boxsprings and upholstered furniture are free of bedbugs to ensure they are accepted for recycling at the facility.
- ! Remove latch/door from freezers, refrigerators or any other container equipped with a door, latch or locking device.

✗ NOT ACCEPTED

- ✗ Car bodies or parts
- ✗ Carpets
- ✗ Construction and demolition waste (drywall)
- ✗ Gas lawnmowers*
- ✗ Hazardous waste
- ✗ Home renovation (sinks, flooring, doors, windows)
- ✗ Lumber
- ✗ Mattresses/boxsprings and upholstered furniture that are wet or infested with bed bugs or vermin
- ✗ Propane tanks*
- ✗ Tree stumps

*Take to Richmond Recycling Depot

Not sure where to recycle an item? Use the Recycling Wizard tool on the free Richmond Recycling app to find out where to recycle your item.



3.7

Public Spaces Programs



Maintaining a litter-free community and encouraging recycling in parks and other public spaces is an essential part of responsible and sustainable waste management. Not only does this help to keep the City a beautiful place to live and visit, it also helps to reduce the amount of plastic and other garbage going into oceans and other waterways.

The City has three primary services to support recycling and a litter-free community: Public Spaces services, Litter Collection services and Special Event Recycling.

Because building community pride and increasing responsible behaviours involves working together with the community, the City also works with volunteers through the Partners for Beautification program and community clean up events.

PUBLIC SPACES SERVICES

The City of Richmond has recycling and garbage bins located throughout the community in public spaces that include parks and business districts. Recycling and garbage bins are serviced or inspected over 7,100 times each week.

The City's bins include instructional bin labels to help inform people about how to sort items correctly. Many of the recycling bins feature images that complement the surrounding scenery, and others feature custom artwork by local artists. To further improve capacity and operational efficiency, the City also has large in-ground garbage collection bins in high traffic areas.



SPECIAL EVENT RECYCLING

Recycling stations are recommended for special event bookings taking place in Richmond. For some events, the City hosts recycling stations with assistance from Green Ambassador volunteers. This involves setting up recycling stations and having recycling assistants at the event to advise people on how to recycle.

The City also supports events by providing organizers with recycling bins and garbage carts at no charge, as well as complimentary collection services. This makes it easy for event organizers to keep the venue clean and recyclables out of the landfill.

In addition, the City participates in community clean up events each year.

LITTER COLLECTION SERVICES

Maintaining a litter-free city is a key focus area to ensure residents can enjoy clean parks and public spaces. The City of Richmond has made efforts to ensure that there are garbage bins, and in many cases recycling options, in public spaces throughout the city.

In addition, as essential workers, City crews work seven days a week to collect litter from parks, school grounds, roadsides, sidewalks and boulevards.

They inspect or service garbage and recycling from litter and recycling receptacles in the community 30,919 times every month. Crews also assist with removing graffiti from City garbage bins, and they collect illegally-dumped materials found on City property and provide safe disposal and recycling of these items.

The extensive work to maintain public spaces and collect litter may go unnoticed, particularly because it is done well and regularly. Richmond residents enjoy the benefits, but may not realize the extent of work involved in maintaining a clean and livable city.





3.8

Outreach and Customer Service

Richmond's successful outreach and customer service programs are designed to help turn information and education into action.

By working with children and youth through school programs and the Green Ambassadors, Richmond creates a learning environment where students gain a better understanding about recycling and sustainable waste management, and then apply their skills as volunteers and through school activities. The City is also offering more virtual outreach opportunities.

Providing outreach, customer support services and information materials also assists residents by increasing their understanding of how to recycle correctly along with new tools and services to promote recycling at home and on the go.

The Environmental Programs Information Line staff assist customers on the phone, via email and at community events to answer questions, assist with requests relating to garbage and recycling, and provide guidance on where to go for additional information and resources. Richmond staff also assist customers directly at the Recycling Depot, and through its outreach programs in the community.

At the Recycling Depot, staff provide assistance with where and how to recycle using its drop-off options, answer questions about City programs and services and sell products such as compost bins and rain barrels as well as Garbage Tags and Garbage Disposal Vouchers. Through outreach, Richmond goes into the community to connect with residents to share information and respond to questions.



SEARCH & TIPS TOOLS

Richmond offers the Recycling Wizard to help residents search for where to recycle household items. The Recycling Wizard is available online at richmond.ca/recyclesearch and in the Richmond Recycling app, free from the Apple and Android app stores.

COMMUNITY WORKSHOPS

Richmond's free community workshops provide education and tips that support recycling and waste reduction techniques. A summary of workshops is provided below.

For information on the workshops, call the Environmental Programs Information Line at 604-276-4010, email garbageandrecycling@richmond.ca, or visit the Community Outreach section at richmond.ca/recycle.

RICHMOND GREEN AMBASSADORS

Richmond's Green Ambassadors are dedicated high school students who participate in monthly symposiums to learn about environmental sustainability and apply what they have learned as volunteers at City events and activities. These energetic and environmentally conscious individuals also manage green initiatives in their schools, including an annual REaDY Summit (Richmond Earth Day Youth Summit).

STUDENT OUTREACH

Richmond sponsors programs, contests and other activities for local students to raise awareness about the importance of reducing waste and how to recycle correctly. These activities inspire them to feel that taking care of the planet is fun.

TYPE OF WORKSHOP	DESCRIPTION
Recycling Workshops	Learn how to reduce reliance on single-use items and sort household recyclables properly to reduce contamination. Understand the recycling process and the importance recycling has on the environment, including the impact of marine plastic and other hot topics in solid waste management.
Richmond Recycling Depot Tours	Interactive tour of the Richmond Recycling Depot designed to teach residents about the drop-off options available and materials accepted for recycling.



RESOURCES TO RECYCLE CORRECTLY

4.0

Tips and Resources

In Richmond, we care about our community, and we are working together with residents and local organizations to reduce waste and promote a circular economy. These Tips and Resources highlight the City's community partners, and provide a guide for how to deal with hazardous waste and other items not accepted in curbside and centralized recycling programs.

With the help of community resources and partnerships, Richmond residents have access to easy and convenient drop-off services and programs to support recycling, safe disposal, and waste reduction. This section includes contact information and locations for Richmond services and community partners involved in take-back collection through product stewardship programs. Together these Tips and Resources help to support maximum recycling and reduce the amount waste going to the landfill.



4.1

Community Resources and Partnerships

ECOWASTE INDUSTRIES

The City offers residents the option to drop off unlimited quantities of yard and garden trimmings for free at Ecowaste Industries. Proof of Richmond residency is required.

Ecowaste Industries:

15111 Williams Road
Hours of operation and instructions:
604-277-1410
ecowaste.com

COMPOST HOTLINE

The Compost Hotline is a community program operated by City Farmer that provides support and tips for best practices in home composting.

Compost Hotline:

604-736-2250
composthotline@telus.net

RICHMOND SHARES

Richmond Shares is a non-profit organization that facilitates the exchange of gently used items.

Richmond Shares: richmondshares.bc.ca

METRO VANCOUVER RECYCLES

Metro Vancouver Recycles helps you find options for recycling products and get helpful links to online services.

Metro Vancouver Recycling Directory:

metrovancoverrecycles.org

RECYCLING COUNCIL OF BRITISH COLUMBIA (RCBC)

RCBC provides information and resources to support recycling in the community.

Recycling Hotline

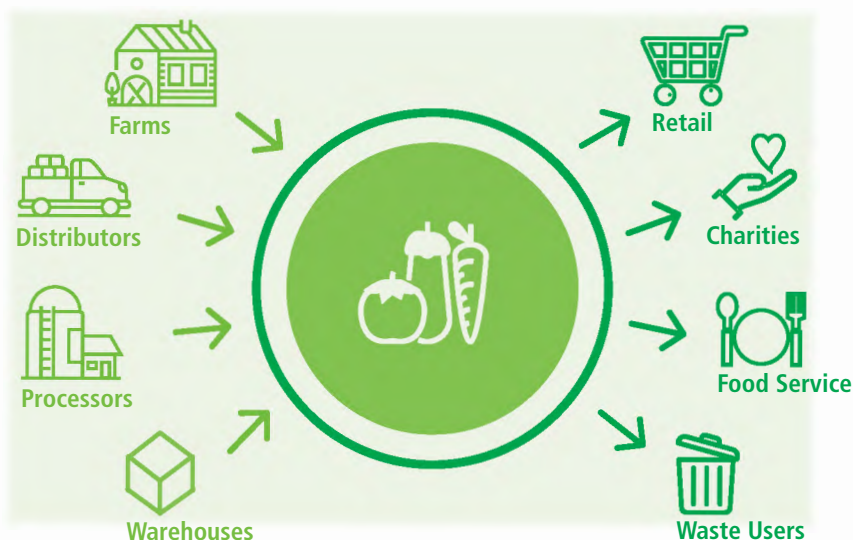
Monday to Friday, 9 a.m. to 4 p.m.
604-RECYCLE (604-732-9253)
hotline@rcbc.bc.ca

CITY OF RICHMOND FOOD RECOVERY NETWORK

Partnering with FoodMesh, this program safely and easily diverts surplus food by bringing together local food businesses with charities and farmers.

Richmond Food Recovery Network:

foodmesh.ca/services-regional/richmond





4.2

Banned and Hazardous Materials

Careless handling of hazardous products can cause serious injury as well as damage to the environment. Hazardous products that are dumped in sewers or green spaces can injure livestock, wildlife and plant life. Careful and often specialized disposal is essential for these materials.

There are certain materials that Metro Vancouver disposal facilities do not accept, either because there are already disposal programs set up for these items, or because they are hazardous to waste collection workers, the public and the environment.

At disposal sites, garbage loads are inspected for banned and prohibited materials. Loads that arrive at the disposal sites containing prohibited materials are assessed a \$65 minimum surcharge, plus the cost of removal, clean-up or remediation. Loads containing banned materials are assessed a 50% tipping fee surcharge.

For a list of drop-off locations, use the City's Recycling Wizard available on the Richmond Recycling app and at richmond.ca/recyclesearch, or call the RCBC Recycling Hotline at 604-732-9253.



BANNED HAZARDOUS AND OPERATIONAL IMPACT MATERIALS



- × Agricultural waste
- × Asbestos
- × Automobile parts and bodies
- × Barrels, drums, pails or large (205 litre or greater) liquid containers, full or empty
- × Biomedical waste
- × Dead animals
- × Gypsum
- × Hazardous waste
- × Inert fill material including soil, sod, gravel, concrete and asphalt exceeding 0.5 cubic metres per load
- × Liquids or sludge
- × Refuse that is on fire, smouldering, flammable or explosive
- × Wire and cable exceeding 1% of load

BANNED MATERIALS THAT ARE RECYCLABLE WITH CITY SERVICES



- × Beverage containers
- × Containers made of glass, metal or banned recycled plastic
- × Corrugated cardboard
- × Electronics
- × Expanded polystyrene packaging
- × Food waste
- × Green waste
- × Mattresses
- × Motor oil & antifreeze
- × Propane tanks
- × Recyclable paper
- × Tires (passenger & light-duty truck only)

For a complete list of banned materials, please visit metrovancover.org/services/solid-waste/recycling-programs/disposal-ban

4.3

Recycling and Disposal Directory

Many common hazardous household and automotive products must be recycled or disposed through special depots. Disposal sites and take-back collection options for hazardous, banned and other materials are listed on the following pages.

Please note that this information is provided as a reference for your convenience; however, it is not guaranteed. Please call first to confirm that the site is still open to accept these take-back products and to check hours of operation.



ANTIFREEZE AND EMPTY CONTAINERS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Jiffy Lube 10991 No. 4 Road	604-448-0142
List of accepted items: bcusedoil.com or 604-732-9253.	



APPLIANCES – SMALL

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Best Buy 700-5300 No. 3 Road	604-273-7335
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
OK Bottle Depot 145-5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171
List of accepted items: electrorecycle.ca or 604-732-9253.	



BABY CAR SEATS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot (pilot program) 5555 Lynas Lane	604-276-4010
 City of Vancouver Landfill 5400 72nd Street, Delta	604-873-7000
 Pacific Mobile Depots (third Saturday of every month) Britannia Community Centre, 1661 Napier Street, Vancouver	604-718-5800
 Queensborough Landing Return-it Depot Unit A - 409 Boyne Road, New Westminster	604-540-4467

Watch for the **blue** listings for items recyclable through the City of Richmond. See Programs and Services starting on page 28 to find out what is accepted through the City's collection and drop-off services.



Disposal Ban – Banned from the landfill and recyclable through retailers, stewardship or take-back programs



Disposal Ban – Banned from the landfill and recyclable through the City and other services



Not Banned – Recyclable through the City and other services



Not Banned – Recycling options are available



A fee is charged



BATTERIES – AUTOMOTIVE

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Canadian Tire 35010 No 3 Road 11388 Steveston Highway	604-273-2939 604-271-6651
Kal Tire 2633 No. 5 Road	604-278-9181
Regional Recycling 13300 Vulcan Way	1-855-701-7171

Note: All retailers accept a used battery for each one purchased. Collection sites: recyclemybattery.ca



BATTERIES – HOUSEHOLD AND MOBILE PHONES

Batteries weighing 5kg or less

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Best Buy 700-5300 No. 3 Road	604-273-7335
Costco 9151 Bridgeport Road	604-270-3647
Home Depot 2700 Sweden Way	604-303-9882
Kwantlen Student Association 8771 Lansdowne Rd	604-599-2865
London Drugs 5971 No. 3 Road 3080 - 11666 Steveston Highway	604-448-4811 604-448-4852
Pharmasave 105-12420 No. 1 Road	604-232-0159
Regional Recycling 13300 Vulcan Way	1-855-701-7171
Rona (batteries only) 7111 Elmbridge Way	604-273-4606
Staples 8171 Ackroyd Road 110 - 2780 Sweden Way	604-270-9599 604-303-7850
The Source 1113 - 6551 No. 3 Road	604-273-1475
Value Village 8240 Granville Ave	604-248-2285

Batteries accepted: call2recycle.ca or 1-888-224-9764.

Mobile phone drop-off sites: call2recycle.ca/locator.

All cellular/mobile phone stores accept used cellular/mobile phones for refurbishing or recycling.

To erase data from your device, use the free Cell Phone Data Erasers at recyclemycell.ca/recycling-your-device.



BUTANE CYLINDERS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010



CARBON MONOXIDE (CO), SMOKE AND COMBINATION SMOKE & CO ALARMS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
London Drugs 5971 No. 3 Road 3080 - 11666 Steveston Highway	604-448-4811 604-448-4852
Regional Recycling 13300 Vulcan Way	1-855-701-7171
Rona 7111 Elmbridge Way	604-273-4606

Complete list of alarms accepted: regeneration.ca or 604-732-9253.



ELECTRONICS: Audio visual equipment, computers, monitors, televisions, printers, fax machines, scanners, video games and accessories

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Best Buy 700 - 5300 No. 3 Road	604-273-7335
Blundell Return-It Centre 130 - 8180 No. 2 Road	
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171
Staples 8171 Ackroyd Road 110 - 2780 Sweden Way	604-270-9599 604-303-7850

Complete list of materials accepted: return-it.ca/electronics or 604-473-2400.



EXERCISE AND HOBBY MACHINES

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Regional Recycling 13300 Vulcan Way	1-855-701-7171

Complete list of materials accepted: return-it.ca/electronics or 604-473-2400.

**EYEGLASSES****DROP-OFF LOCATION**

Drop off at any local optometrist or eye care professional.

**FIRE EXTINGUISHERS****DROP-OFF LOCATION****PHONE**

Richmond Recycling Depot
5555 Lynas Lane

604-276-4010



Vancouver Fire
22131 Fraserwood Way

604-232-3473

**FLAMMABLE LIQUIDS, PESTICIDES, SOLVENTS AND GASOLINE****DROP-OFF LOCATION****PHONE**

Richmond Recycling Depot
5555 Lynas Lane

604-276-4010

Regional Recycling
13300 Vulcan Way

1-855-701-7171

Complete list of accepted items: regeneration.ca or 604-732-9253.

GENERAL HAZARDOUS MATERIALS**DROP-OFF LOCATION****PHONE**

Secure Energy
160 -13511 Vulcan Way

604-214-7000

**GYPSUM DRYWALL**

No other materials attached to or on drywall

DROP-OFF LOCATION**PHONE**

City of Vancouver Landfill
5400 72nd Street, Delta

604-873-7000

Ecowaste Industries Ltd. (Depot)
15111 Williams Road

604-788-0484



New West Gypsum Recycling
11871 Horseshoe Way

604-247-1664

Western Material Recovery
11610 Twigg Place

604-247-1664

Vancouver Transfer Station
(maximum 1/2 sheet with
a paid load of garbage)
377 W. Kent Avenue N., Vancouver

604-873-7000

**HYPODERMIC NEEDLES****DROP-OFF LOCATION**

Purchase a "Sharps Container" from a pharmacy and return the container to same pharmacy when full.
Complete list of drop-off locations:
healthsteward.ca/returning-medical-sharps.

**LIGHTS AND LIGHTING FIXTURES****DROP-OFF LOCATION****PHONE**

Richmond Recycling Depot
5555 Lynas Lane

604-276-4010

Canadian Tire (lights only)
11288 Steveston Highway

604-271-6651

Ironwood Return-It Depot
110-11020 Horseshoe Way

604-275-0585

OK Bottle Depot
7960 River Road

604-244-0008

Regional Recycling
13300 Vulcan Way

1-855-701-7171

Rona
7111 Elmbridge Way

604-273-4606

Urban Impact Recycling
15360 Knox Way

604-834-8748

Accepted items: regeneration.ca or 604-732-9253.

**LUBRICATING OIL (USED), OIL FILTERS AND PLASTIC OIL CONTAINERS****DROP-OFF LOCATION****PHONE**

Richmond Recycling Depot
5555 Lynas Lane

604-276-4010

Accepted items: bcusedoil.com or 604-732-9253.

**MATTRESSES AND BOXSPRINGS****DROP-OFF LOCATION****PHONE**

Canadian Mattress Recycling
1210 Cliveden Avenue, Delta

604-777-0324

City of Vancouver Landfill
5400 72nd Street, Delta

604-873-7000

Vancouver Transfer Station
377 W. Kent Ave. N., Vancouver

604-873-7000

Richmond's Large Item Pick Up Program: Contact
Sierra Waste at 604-270-4722. Some restrictions
apply. Program details: richmond.ca/largeitem.



MEDICAL DEVICES AND EQUIPMENT

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171



MUSICAL INSTRUMENTS (ELECTRONIC)

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171



PAINT AND PAINT AEROSOL CONTAINERS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
Regional Recycling 13300 Vulcan Way	1-855-701-7171

Complete list items accepted: regeneration.ca or 604-732-9253.



PHARMACEUTICAL

All pharmacies accept leftover or outdated prescription drugs, non-prescription medications, herbal products, mineral supplements, vitamin supplements and throat lozenges for safe disposal.

For a list of pharmacies and/or drugs, medications, herbal products and mineral supplements accepted, visit healthsteward.ca/returning-medications/#drop-off-map or call 604-732-9253.

Note: Please do not wash these items down the drain or throw them in the garbage.



POLYSTYRENE FOAM (E.G. STYROFOAM) - MOLDED PACKAGING & FOOD CONTAINERS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
London Drugs 5971 No. 3 Road 3080 - 11666 Steveston Highway	604-448-4811 604-448-4852
Queensborough Landing Return-it Depot Unit A - 409 Boyne Road, New Westminster	604-540-4467



POLYSTYRENE FOAM (E.G. STYROFOAM) - PEANUTS/CHIPS

DROP-OFF LOCATION	PHONE
Packaging Depot 6360 Kingsway, Burnaby 5524 Cambie Street, Vancouver	604-451-1206 604-325-9966



PROPANE TANKS: Refillable & Disposable

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
City of Vancouver Landfill 5400 72nd Street, Delta	604-873-7000

Note: Free drop-off of up to four disposable tanks and two refillable tanks.



OUTDOOR POWER EQUIPMENT

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Regional Recycling 13300 Vulcan Way	1-855-701-7171



SEWING, KNITTING & TEXTILE MACHINES

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171



TELUS EQUIPMENT (RENTAL OR RETAIL)

DROP-OFF LOCATION

All TELUS rental or retail equipment such as cordless/corded phones, Voice Over IP (VOIP) phones, Global Positioning System (GPS) equipment and video/telephone conference equipment can be returned via Canada Post. Call 604-310-2255 for more information.



THERMOSTATS

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Andrew Sheret Ltd. 4500 Vanguard Road	604-278-3766
Cape Construction (2001) Ltd. 633 - 5960 No. 6 Road	604-232-8608
Vancouver Zero Waste Centre (maximum 2) 8588 Yukon Street, Vancouver	604-873-7000

Drop-off locations: hrai.ca/public-drop-off-locations or 1-800-267-2231 ext 224.



TIRES – VEHICLES

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Island City Automotive 180 - 5400 Minoru Blvd	604-273-4023
Canadian Tire (no rims) 3500 No. 3 Road 11388 Steveston Highway	604-273-2939 604-271-6651
Kal Tire 2633 No. 5 Road	604-278-9181
Metro Tires Ltd. 16160 River Road	604-321-9004
OK Tire (only 4 per household) 5831 Minoru Boulevard	604-278-5171
Redline Automotive Ltd. 1 - 11711 No. 5 Road	604-277-4269
Vancouver Landfill (Passenger/light truck, with/without rims, limit of 10) 5400 72nd Street, Delta	604-873-7000

Richmond's Large Item Pick Up Program: Contact Sierra Waste at 604-270-4722. Some restrictions apply. Program details: richmond.ca/largeitem.

Complete list of locations: tsbc.ca/recycle-your-tires/ or 1-866-759-0488.

All retail locations accept a used tire for a new one purchased.



TIRES AND TUBES – BICYCLES

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Cap's/Krusty's Bicycles 135-8460 Alexandra Road	604-270-2020
Village Bikes (small amounts) 3891 Moncton Street	604-274-3865

List of locations: tsbc.ca/bike.php or 1-866-759-0488.



TOOLS - POWER (ELECTRONIC & ELECTRICAL)

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171
Richmond Return-It Depot 135 - 8171 Westminster Hwy	604-232-5555



TOYS (ELECTRONIC & ELECTRICAL) INCLUDING VIDEO GAMING SYSTEMS & ACCESSORIES

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Best Buy 700 - 5300 No. 3 Road	604-273-7335
Ironwood Bottle & Return-It Depot 110 - 11020 Horseshoe Way	604-275-0585
OK Bottle Depot 145 - 5751 Cedarbridge Way	604-244-0008
Regional Recycling 13300 Vulcan Way	1-855-701-7171



UPHOLSTERED FURNITURE (COUCHES, ARMCHAIRS, ETC)

DROP-OFF LOCATION PHONE

Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Canadian Mattress Recycling 140 - 715 Eaton Way, Delta	604-777-0314
City of Vancouver Landfill 5400 72nd Street, Delta	604-873-7000

Richmond's Large Item Pick Up Program: Contact Sierra Waste at 604-270-4722. Some restrictions apply. Program details: richmond.ca/largeitem.

Our thanks go to Richmond residents who have helped us divert the majority of our household waste from the landfill through consistent recycling, as well as their continued efforts to reduce waste.

We also appreciate the many local business operators who participated in the City's outreach. Their input helped the City develop resources to set up to set up business for success as part of preparing for the new ban on single-use plastic.

Together, we are making continuous improvements that support a circular economy and more sustainable waste management.



CITY OF RICHMOND

Environmental Programs Information Line:
604-276-4010

richmond.ca/recycle

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City of Richmond

Report to Committee

To: Public Works and Transportation Committee
From: Suzanne Bycraft
Director, Public Works Operations
Date: February 22, 2022
File: 10-6370-04-01/2021-
Vol 01
Re: **Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361**

Staff Recommendation

1. That the Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361, be introduced and given first, second and third readings.
2. That mercury containing and electronic thermostats be added to the scope of materials accepted at the Richmond Recycling Depot by registering with the Thermostat Recovery Program delivered by the Heating, Refrigeration and Air Conditioning Institute of Canada.
3. That the Consolidated 5 Year Financial Plan (2022-2026) be amended accordingly.

Suzanne Bycraft
Director, Public Works Operations
(604-233-3338)

Att. 1

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Finance Department	<input checked="" type="checkbox"/>	
Law	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS:	APPROVED BY CAO

Staff Report

Origin

The City operates the Richmond Recycling Depot (“Depot”), which provides a convenient one-stop recycling service for both residential and non-residential properties to drop off a number of recyclable materials. Year over year, quantities of materials received at the Depot and costs associated with processing continue to increase.

This report proposes an increase to the fee charged for yard and garden trimmings received at the Depot. Additionally, the introduction of a fee structure for drop off of upholstered furniture by non-residential properties is proposed. Lastly, as part of continuing to expand the scope of materials accepted at the Depot, this report seeks approval to add thermostats as an accepted item.

This report supports Council’s Strategic Plan 2018-2022 Strategy #2 A Sustainable and Environmentally Conscious City:

2.2 Policies and practices support Richmond's sustainability goals.

This report supports Council’s Strategic Plan 2018-2022 Strategy #5 Sound Financial Management:

5.3 Decision-making focuses on sustainability and considers circular economic principles.

Analysis

Background

The Depot receives a wide variety of recyclable items ranging from common recyclables such as cardboard and Styrofoam, to more specialty items such as propane tanks and electronics. There are limitations on quantities for non-residential properties or items that require special handling, and fees apply to yard and garden trimmings drop off as noted in Table 1.

Table 1: Fees and Quantity Limitations

Description	Property Type	Fees	Limits
Recyclable materials	Residential	N/A	<ul style="list-style-type: none"> General recyclables: None Items requiring special handling: program specific¹
	Non-residential	N/A	<ul style="list-style-type: none"> General recyclables: one cubic yard per day Items requiring special handling: program specific¹
Yard and garden trimmings	Residential	N/A	<ul style="list-style-type: none"> First cubic yard
	Residential	\$20.00	<ul style="list-style-type: none"> Each subsequent cubic yard
	Non-residential	\$20.00	<ul style="list-style-type: none"> Each cubic yard

¹ Cooking oil, fire extinguishers, flammable liquids, gasoline, lead-acid batteries, light bulbs, motor oil, paint and pesticides

The fee for yard and garden trimmings drop off has not changed since 2008. The City has also added a considerable number of items to the scope of materials accepted at the Depot, including upholstered furniture. Furniture quantities have continued to grow, with more than double the number of items received in 2021 as compared to 2020. The costs for recycling upholstered furniture are increasing as the quantities increase.

Yard and Garden Trimmings

In 2021 the Depot received approximately 3,500 tonnes of yard and garden trimmings. The \$20.00 per cubic yard fee generated \$75,000 of revenue, which funds just 24% of the total transportation and processing costs.

Staff propose to increase the drop off fee for yard and garden trimmings to \$25.00 per cubic yard. This is expected to increase annual revenues to approximately \$95,000, or 30% of total transportation and processing costs. Table 2 provides an overview of the increasing volumes of yard and garden trimmings.

Table 2: Yard and Garden Trimmings

	2019	2020	2021
Tonnes received	1,469	2,507	3,541
% Increase from previous year		71%	41%

Staff note that as a no-cost alternative, residents have the ability to drop off unlimited quantities of yard and garden trimmings at Ecowaste Industries free of charge, with the costs billed back to the City. Commercial landscapers also have the opportunity to utilize a no cost drop-off option at Ecowaste Industries for services provided to properties in Richmond by registering in advance.

Upholstered Furniture

Starting January 1, 2019 the City began accepting upholstered furniture for drop off at the Depot. Accepted items include office or dining chairs, armchairs, recliners, loveseats, couches, reclining couches, sectionals, sofa-beds and ottomans. This program ensures that upholstered furniture items, which were previously sent to the landfill, are taken to a local facility for reuse or recycling.

Quantities of upholstered furniture received at the Depot were trending at normal patterns until 2021, where there was an increase of over 100% as shown in the table below. Recycling costs are also shown to have increased markedly in parallel with the increased quantities received.

Table 3: Upholstered Furniture

	2019	2020	2021
Upholstered furniture items	5,242	5,931	11,972
% Increase from previous year		13%	102%
Recycling Cost	\$102,326	\$123,133	\$223,186
% Increase from previous year		20%	81%

To help manage costs and control volumes, staff are proposing a fee be implemented for items dropped off by commercial operators and items originating from non-residential properties typically brought to the depot by moving or junk removal businesses. The addition of fees will help to curtail further cost escalation associated with drop off by commercial operators. This approach is consistent with that already in place for yard and garden trimmings and is prudent to implement at this time to avoid volume increases beyond that which can be reasonably managed at the Depot. The Depot is also the only local facility at the present time that accepts free drop off of upholstered furniture for recycling.

The proposed fee structure for non-residential properties is shown in Table 4. The proposed fee structure is based on size or type of furniture and cost recovery for processing and transportation of the items to the recycling facility.

Table 4: Proposed Non-Residential Upholstered Furniture Fee Structure

Description	Proposed Fee
Office or dining chair, ottoman, bench	\$20.00
Arm chair, loveseat, couch, recliner, chaise	\$35.00
Sectional, sofabed, reclining loveseat/couch, massage chair	\$50.00

Annual revenues from this fee structure are estimated at \$25,000.

Richmond residents will continue to have access to this service at the Depot at no charge. Residents are also able to participate in the City's Large Item Pick Up Program, where items are collected from curbside for residents with Blue Box or Garbage Cart service.

Thermostats

The Depot is conveniently located and highly used by residents since a wide range of materials are accepted for recycling. The City is continually looking for opportunities to expand the scope of materials accepted to be considered a one-stop location for drop off of recyclable materials.

Thermostats contain mercury and require safe handling to prevent environmental impacts. Thermostats include both mercury containing and electronic products that sense and control room temperature through communication with heating, ventilation and air conditioning equipment. By recycling used thermostats, hazardous waste is diverted from the landfill and the need for raw materials to manufacture new products is reduced. The Thermostat Recovery Program is a stewardship program which is delivered by the Heating, Refrigeration and Air Conditioning Institute of Canada, and is funded by the manufacturers and distributors that sell and/or import mercury containing thermostats into Canada.

Participation in the Thermostat Recovery Program is at no direct cost to the City because the program steward pays the collection and processing costs. The City's costs are limited to staffing and administration associated with receiving these materials from customers. The City receives the thermostats in containers provided by the program steward and subsequently ships them to the processing facility at the program steward's cost. The program steward is responsible for all processing and any related disposal costs.

There are currently only two locations in East Richmond that accept them for recycling, staff suggest the addition of thermostats as an accepted item at the Depot to provide residents an alternative drop off option.

Financial Impact

Estimated annual revenue from the fee increase for yard and garden trimmings is expected to be approximately \$20,000 above current revenue amounts. The fee for commercial drop off of upholstered furniture at the Depot is expected to generate \$25,000 in additional annual revenues.

There is no cost for adding thermostats to the scope of materials accepted at the Depot.

The Consolidated 5 Year Financial Plan (2022-2026) will be amended accordingly for the additional revenue generated for the yard and garden trimmings and upholstered furniture at the Depot.

Conclusion

Costs for handling yard and garden trimmings at the Depot have increased over the years. As there has been no increase in the drop off fee since 2008, staff are proposing to increase the service fee from \$20.00 to \$25.00 per cubic yard. Further, due to increased use and popularity of upholstered furniture drop off at the Depot, staff recommend the addition of a fee structure for drop off of upholstered furniture by commercial operators as outlined in this report. These changes require an amendment to *Solid Waste and Recycling Regulation Bylaw No. 6803*, as presented with this report.

Staff also recommend that mercury containing and electronic thermostats be added to the scope of materials accepted at the Depot. This is in keeping with the City's ongoing efforts to offer continuous improvement in recycling services provided to the community.



Laurie Ackerman
Waste Reduction and Recycling Coordinator
(604-233-3356)

LA:la

Att. 1: Solid Waste and Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361



**Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment
Bylaw No. 10361**

The Council of the City of Richmond enacts as follows:

1. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Section 2.1.1(c) in its entirety and replacing with the following:

(c) establish and maintain a recycling depot for use by **owners** and **occupiers** of both **residential properties** and **non-residential properties** for the deposit:

(i) of **yard and garden trimmings**;

(ii) of **upholstered furniture**; and

(iii) free of charge, of **recyclable material** and scrap metal and aluminum items,

and every owner of **residential property** and **non-residential property** must pay the applicable City recycling service fee specified in Schedule B, which is attached and forms part of this bylaw.

2. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Section 2.1.2 in its entirety and replacing with the following:

Notwithstanding the provisions of clause (c) and (d) of subsection 2.1.1,

(i) the **owner** or **occupier** of a **non-residential** property is limited to depositing one cubic yard of the material described in clause (c)(ii) and (c)(iii) per visit, per day; and

(ii) **regional customers** are limited to depositing one cubic yard of **base depot materials** per visit, per day.

3. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by adding the following definition to Section 15.1 in the appropriate alphabetical order and reordering the remaining definitions:

“**Upholstered Furniture**” means residential furniture intended for indoor use in a home and designed to be used for sitting, resting or reclining that is wholly or partially stuffed or filled with resilient cushioning materials enclosed within a covering consisting of fabric or related materials and does not include mattresses or box springs.

4. The **Solid Waste and Recycling Regulation Bylaw No. 6803**, as amended, is further amended by deleting Schedule B and substituting Schedule A attached to and forming part of this Bylaw. For greater certainty, any reference to Schedule B shall be interpreted as a reference to Schedule A of this Bylaw.
5. This Bylaw is cited as **“Solid Waste & Recycling Regulation Bylaw No. 6803, Amendment Bylaw No. 10361”**.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

MAYOR

CORPORATE OFFICER

CITY OF RICHMOND
APPROVED for content by originating dept. <i>LA</i>
APPROVED for legality by Solicitor <i>LB</i>

SCHEDULE A to BYLAW NO. 10361**BYLAW YEAR: 2022****SCHEDULE B to BYLAW NO. 6803**

FEES FOR CITY RECYCLING SERVICE	
Annual City recycling service fee:	
(a) For residential properties, which receive blue box service (per unit)	\$ 68.94
(b) For multi-family dwellings or townhouse developments which receive centralized collection service (per unit)	\$ 53.50
Annual City recycling service fee:	
(a) For yard and garden trimmings and food waste from single-family dwellings and from each unit in a duplex dwelling (per unit)	\$ 176.94
(b) For yard and garden trimmings and food waste from townhome dwellings that receive City garbage or blue box service (per unit)	\$ 71.11
(c) For yard and garden trimmings and food waste from multi-family dwellings	
- Weekly Service	\$ 54.44
- Twice per week service	\$ 74.22
Cardboard bin recycling service for multi-family dwellings, collected once every 2 weeks	\$ 60.00/bin/month
Cardboard bin recycling service for multi-family dwellings, collected weekly	\$ 70.00/bin/month
Fee for yard/food waste cart replacement	\$ 25.00
Annual City recycling service fee for non-residential properties	\$ 6.23
Optional Monthly City organics collection service fee for Commercial customers	
- Weekly service	\$ 72.64
- Cost per additional cart	\$ 32.11
Optional Monthly City organics collection service fee for Commercial customers	
- Twice weekly service	\$ 100.16
- Cost per additional cart	\$ 61.11
City recycling service fee for the Recycling Depot:	
	\$25.00 per cubic yard for the second and each subsequent cubic yard
(a) (i) for yard and garden trimmings from residential properties	
(ii) for recyclable material from residential properties	\$ 0.00
(b) For yard and garden trimmings from non-residential properties	\$25.00 per cubic yard
(c) For recycling materials from non-residential properties	\$ 0.00
(d) For upholstered furniture from residential properties	
(i) office/dining chair, ottoman, bench	\$ 0.00
(ii) arm chair, loveseat, couch, recliner, chaise	\$ 0.00
(iii) sectional, sofabed, reclining loveseat/couch, massage chair	\$ 0.00
(e) For upholstered furniture from non-residential properties	
(i) office/dining chair, ottoman, bench	\$ 20.00
(ii) arm chair, loveseat, couch, recliner, chaise	\$ 35.00
(iii) sectional, sofabed, reclining loveseat/couch, massage chair	\$ 50.00



City of Richmond

Report to Committee

To: Public Works and Transportation Committee

Date: March 11, 2022

From: Suzanne Bycraft
Director, Public Works Operations

File: 10-6045-01/2022-Vol
01

Milton Chan, P. Eng.
Director, Engineering




Re: November 2021 Atmospheric River Events - Summary and Outcomes

Staff Recommendation

That staff apply the knowledge gained from the November 2021 atmospheric river event and response to inform future updates to the City's infrastructure plans and strategies, as well as future capital, operating and utility budget submissions.

Suzanne Bycraft
Director, Public Works Operations
(604-233-3338)

Milton Chan, P. Eng.
Director, Engineering
(604-276-4377)

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER 	
SENIOR STAFF REPORT REVIEW	INITIALS: 
APPROVED BY CAO 	

Staff Report

Origin

The City, along with other jurisdictions in the Lower Mainland and Fraser Valley regions, experienced significant rainfall events during November 2021. These were termed ‘atmospheric river’ events due to consistent and substantial quantities of rainfall received over short periods of time. In many areas throughout the region, the capacity of drainage systems was exceeded.

The foresight and continued investment in the City’s drainage and diking infrastructure over many years, including long-term infrastructure planning, maintenance and inspections, resulted in system resiliency during these events. Despite being tested at and beyond design levels, the City’s system performed exceptionally well. Those areas built to current flood construction levels experienced no flooding concerns, while some areas not yet built to these levels experienced some degree of flooding.

As with all events of this magnitude, it is beneficial to reflect on areas of strong performance as well as identify areas of focus for creating even greater resilience and to enhance future response capabilities. This report provides an overview of the events and identifies areas to enhance mitigation and future response efforts.

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.3 Ensure Richmond is prepared for emergencies, both human-made and natural disasters.

This report supports Council’s Strategic Plan 2018-2022 Strategy #4 An Active and Thriving Richmond:

An active and thriving community characterized by diverse social and wellness programs, services and spaces that foster health and well-being for all.

4.2 Ensure infrastructure meets changing community needs, current trends and best practices.

Analysis

Background

The City has a number of Council adopted strategies and plans in place that guide the City’s management of flood risks. These include the Flood Protection Management Strategy, Integrated Rainwater Resource Management Strategy, and multiple phases of the Dike Master Plan. These documents are updated regularly to reflect current climate change science and regulatory requirements.

The principles and priorities from these documents are then combined with analysis from the ageing utility infrastructure planning process to inform the 5 Year Capital Plan, the Capital

Budget, the Utility Budget and the Operating Budget. Raising the perimeter dike is currently the strategic priority for improving the resilience of the City's flood protection system. The dike protects the City against flooding from any high tides and storm surges, as well as from high river flows caused by events such as spring freshet or prolonged heavy rainfall upstream of Richmond. Water from high river flows is also broadly disbursed by the time it reaches Richmond, lessening any potential impacts. The effect of high river flows is also reduced by the tide cycle, as the change in river level due to tides is much greater than the change due to high river flow events.

The interior drainage system and pump stations protect the City against flooding from heavy rainfall. The strategic priority in this area is to increase the capacity of the drainage pump stations. In the past 20 years, 14 pump stations have been rebuilt and 4 more have been significantly upgraded. With storm intensity and frequency expected to increase due to climate change, additional emphasis has been placed on the large box culverts renewal. The box culvert system largely mirrors the arterial road grid and is critical for conveying stormwater from all parts of the City to the pump stations. In 2017 Council supported the implementation of a box culvert maintenance program that will extend the life cycle of the culverts and minimize long term replacement costs. By minimizing replacement costs, more funding can be applied to new drainage infrastructure or upgrades.

November 2021 Atmospheric River

The City's diking network is designed to withstand a 500 year return period flooding event, and the drainage system is designed to withstand a 10 year return period rain event. The severity and intensity of the November 2021 atmospheric river far exceeded the original weather forecasts, and a 50 year return period rain event occurred, with 138 mm of total rainfall.

One of the anticipated effects of climate change is the increased frequency and duration of storm events. This means that the 10 year return period rain event that the drainage system is designed to accommodate will likely be more severe in the future. Staff are reviewing and updating the City's drainage model to determine what upgrades are potentially required to accommodate the changing nature of these events. Continuing to invest in upgrades to the drainage and flood protection system will help to ensure that the City can withstand these future storms.

Richmond experienced fewer issues than most other municipalities in the region, due in large part to the pro-active planning and implementation of Council's endorsed strategies and plans. Staff will use the observations from this event to further refine the City's drainage model and identify future drainage upgrades.

Flooding Issues – Infrastructure Within Richmond's Jurisdiction

Although some flooding occurred in various locations, the City's drainage system performed well overall during this event.

- *Horseshoe Catchment Area*
The majority of flooding challenges associated with infrastructure under the City's jurisdiction was experienced in the area between Steveston Highway, Williams Road, No. 4 Road and No. 5 Road. This area experienced recurring flooding issues during smaller

rainfall events in the past and has always presented challenges as existing land elevations are among the lowest in the City.

Recognizing these challenges in the past, in the mid 2000's over five kilometres of drainage pipes were upgraded, and in the past decade new drainage pipes have been installed in most of the back lanes of this area. The Horseshoe Slough Drainage Pump Station was recently upgraded, and a hydraulic study of the slough upstream of the pump station was done in 2018 that found the slough had adequate design standard capacity to accommodate the storm water runoff from the catchment area.

While the recently upgraded Horseshoe Slough Drainage Pump Station performed as designed, parts of the pipes, box culverts and drainage canals in this area were at capacity and water began entering some properties in the Seacote area.

Although staff will continue to review potential drainage upgrades that will improve the ability to move storm water to the pump station, there are limits to the level of drainage that can be provided to the lower lying properties and many of these upgrades have already been installed to address the historical flooding issues.

The dwellings that experienced flooding are older and are below the City's current Flood Construction Levels. One of the points of emphasis in the Flood Protection Management System is long term raising of the land levels as a principle strategy within the City to protect against this type of flooding. Staff are reviewing additional interim measures that can be taken to protect against flooding of lower lying properties during future extreme storm events.

Flooding Issues – Infrastructure Within Metro Vancouver and Provincial Jurisdiction

- *No. 5 Road and Highway 99 Corridor*
Highway 99 was closed by the Ministry of Transportation and Infrastructure (MOTI) due to flooding of the highway north of Westminster Highway. The City's drainage system in this area is interconnected with that of MOTI. Staff have requested that MOTI include drainage analysis and any identified upgrades extending to Highway 91 as part of the upcoming George Massey Crossing project.

Staff have also requested that MOTI coordinate inspections and maintenance schedules with the City and ensure that regular ditch maintenance practices are conducted to maximize the highway system's capacity to convey storm water during rainfall events.

- *Metro Vancouver Sanitary Sewer Failure at Gilbert and Blundell Roads*
Flooding and damaged infrastructure resulting in road closures occurred when an access chamber in the Metro Vancouver sanitary sewer system that connects to the Gilbert Trunk Sewer experienced a failure. As this system operates under pressure during daytime flows, a large amount of liquid waste was discharged onto the street.

Completion of the new Gilbert Trunk Sewer and connecting sewer lines would significantly reduce the chances of a similar failure in the future. Metro Vancouver staff

have advised that the next phase of the project is in the procurement stage. Staff will continue to push for updates and timely completion of this project.

In the interim, to prevent a repeat occurrence, staff are requesting that Metro Vancouver identify any other locations along the complete length of the sanitary sewer main where a similar configuration exists and install mitigation measures.

Fraser River Flows

As seen by the flooding events that occurred in other areas of the province, Fraser River flows were elevated for a short period as a result of the atmospheric river.

- *Flow Data*

Data from Environment and Climate Change Canada indicate that the peak river flows at Hope were 6,230 cubic metres per second (m³/s), and peak flows at Mission were 10,700 m³/s. For comparison, the average freshet flow over the past five years has been 9,400 m³/s at Hope, and 11,150 m³/s at Mission. River level sensors at Richmond's drainage pump stations showed river levels were slightly higher than would be expected from tidal effects alone.

The high flows from the atmospheric river had a much shorter duration than freshet flows. While freshet flows can last for weeks, the high flows in November subsided within a day.

This information indicates that widespread, heavy, prolonged rain events that include a significant portion of the entire Fraser River watershed can raise river flows to the extent that the effect is similar to a short duration freshet event. Richmond's dike system is designed to protect the City against these types of flows.

Staff are continuing to communicate with the BC River Forecast Centre and other stakeholders to better understand the impact of the atmospheric river on the Fraser River flows, in particular the large difference seen between the flows measured at Hope and Mission. Staff are also reviewing the location and quantity of river level sensors around the City to improve the quality of data collected in the future.

Communications

- *Call Management*

The overnight deluge resulted in an overwhelming number of calls to Public Works Dispatch as residents awakened to the impacts from the rainfall event. Over 1,300 calls were received during this event, approximately 600 of which were received in simultaneous fashion, causing call queueing and delays. While calls were distributed throughout many areas of the City, the Horseshoe catchment area and the Highway 99/No. 5 Road corridor were the areas where the highest concentration of calls were received.

Calls for sandbagging assistance were prioritized based on residents ability to collect them from the Works Yard and City crews delivered and placed sandbags at homes where residents were elderly or otherwise unable. City crews also helped residents fill

and place sandbags into residents' vehicles at the City Works Yard. Staff will review options to provide greater distributed access for sandbags throughout the City if resources permit in future events. For example, the Sidaway soil/operations site could serve as a satellite distribution point.

- *Public Communications*

Operational status reports were provided regularly and as the situation unfolded across the City, allowing information to be conveyed regularly via social media channels and the media. A web page was also created to provide ongoing updates. While the dynamic and changing nature of events such as this can be challenging, feedback from the public, stakeholders and media about the level of timeliness and nature of communication from the City was extremely positive.

Moving forward, helping residents understand the importance of the flood protection management system and individual resident's roles in keeping conveyance systems clear will continue to be integrated into public outreach and through enhanced social media. Additional instructional videos will be produced to inform residents on flood protection measures in general. Public engagement on the Dike Master Plan Phase 4 will be expanded to obtain input on the best methods to share this type of information.

The event showed that some improvements could be made to the Public Works call management system to handle extremely high call volumes. Staff have implemented measures to allow for rapid call centre expansion to reduce queueing and delays in the future.

The benefits of providing the public with more information on the City's drainage and flood protection system was also identified. Moving forward, helping residents understand the importance of the drainage system and individual resident's roles in keeping the system clear will continue to be integrated into public outreach and through enhanced social media. Additional instructional videos will be produced to inform residents on flood protection measures in general. Public engagement on the Dike Master Plan Phase 4 will be expanded to obtain input on the best methods to share this type of information.

Works Yard

- *Fuel Supply*

Storm events of this magnitude and the wide-scale impact caused throughout the region highlighted the level of reliance on suppliers and vendors, particularly for fuel supply. The Works Yard serves as the fuel supply hub for all the City's various business units plus Richmond Fire Rescue, RCMP and the Richmond School Board. There are seven fire halls that also have on site diesel fuel tanks. Total fuel capacity at the Works Yard is 67,570 litres, inclusive of gasoline, diesel and propane. Fire halls have a total of 37,259 litres of diesel fuel capacity.

In a major event, it is expected that normal supply chains may be impacted. While the City's primary fuel supply continued uninterrupted, mobile fueling for off-site generators was impacted. To manage these issues, staff will work with our primary fuel vendor to ensure back-up sources in the event of supply chain disruptions. Staff will also identify

additional portable fuel capacity and fuel pump upgrade requirements necessary to ensure robustness of the current fueling station for future funding consideration.

The City's in-ground fuel tanks are also subject to potential impacts from storm water infiltration which would hinder the City's ability to respond to a major event.

- *Other Municipalities*

Staff note that the Works Yard sites for some other municipalities in BC were flooded and this severely impacted their response capability.

The City's ability to respond to future events is dependent on having supporting infrastructure that is resilient enough to withstand the event. Many of the resources deployed in response to the event are based out of the Works Yard. Although the Works Yard performed well during this event, the site is below the current Flood Construction Level and should be raised as identified in the Flood Protection Management Strategy.

The overall resiliency of the Works Yard, Fire Halls and other City facilities needs to be continually assessed to ensure that they can withstand the expected increasing severity of future substantial weather events.

Emergency Response / Emergency Operations Centre (EOC) / Emergency Management BC

- *Departmental Operations Centre*

Staff response was co-ordinated interdepartmentally through a departmental operations centre at the Public Works Administration Building. Public Works, Parks and Engineering resources were managed at the departmental level. During the event, the need to activate the Emergency Operations Centre and access provincial resources was continually assessed and was ultimately not required.

The City also responded to and provided resources to assist with the Metro Vancouver sanitary sewer failure at Gilbert and Blundell, and offered assistance to MOTI and their contractor for the flooding on Highway 99.

The severity of events elsewhere in the province caused Emergency Management BC, Metro Vancouver and a number of other municipalities to activate their EOCs. During the event, staff experienced communication delays from external agencies when seeking updates and information on issues such as the Metro Vancouver sanitary sewer failure and the flooding on Highway 99 with MOTI.

This event highlighted the degree to which there can be impacts caused by the failure of infrastructure located in the City, but under the jurisdiction of other agencies and, hence, outside of the City's direct management and control. Staff regularly work with these partner agencies to ensure their maintenance standards and/or response actions are sound and timely to reduce impacts to City-owned infrastructure and private property. However, during large scale events such as this, the partner agencies may be dealing with multiple issues of equal or much greater severity throughout the region, resulting in Richmond specific issues being prioritized accordingly. In cases like this, inter-agency communication is key so that the public can be kept properly informed.

Staff are currently in the process of reviewing and updating the City's Emergency Response Plans. A fundamental component of these plans will be inter-agency communication and collaboration. As the severity and frequency of extreme weather events is forecasted to continue to increase, adopting a comprehensive approach to address these issues will enhance the City's response capability.

In response to the atmospheric river, Metro Vancouver has created a Flood Resiliency Task Force to provide advice and recommendations to the Metro Vancouver Board and to the Board members appointed to the Leadership Committee of the Lower Mainland Flood Management Strategy on issues related to flood resiliency. Should the opportunity arise, staff will provide comments consistent with Council's adopted position on the Lower Mainland Flood Management Strategy, as well as comments relating to improved communication protocols during emergency events.


Metro Vancouver is looking at renewal of the Public Works Mutual Aid Agreement for Major Emergencies. This agreement lays out the terms under which cities who agree to join will share public works related resources with other impacted local authorities. Support would be limited to situations where a local authority's response capabilities are exceeded, and other local authorities who are parties to the agreement are able to provide needed support. Resources could include equipment, personnel and facilities. Richmond is a party to the existing agreement, which was developed in 2000. An updated agreement is nearing completion and staff expect to be in a position to bring the agreement forward to Council for consideration in the second quarter of 2022.

Financial Impact

None at this time. Staff are evaluating the current resources available for responding to events such as this and will prepare budget submissions for Council's consideration accordingly.

Conclusion

The November 2021 atmospheric river events caused major flooding and damage throughout the Province. In comparison, Richmond's long term planning and investment in critical infrastructure resulted in much less damage and flooding than in other areas of the region. The City's Flood Protection Management Strategy, Integrated Rainwater Resource Management Strategy, and Dike Master Plan will continue to be updated as climate change science evolves to ensure that residents and businesses remain protected.



Suzanne Bycraft
Director, Public Works Operations
(604-233-3338)



Milton Chan, P. Eng.
Director, Engineering
(604-276-4377)



City of Richmond

Report to Committee

To: Public Works and Transportation Committee **Date:** March 9, 2022
From: Lloyd Bie, P.Eng.
Director, Transportation **File:** 10-6450-09-01/2022-
Vol 01
Re: **Traffic Safety Improvements around Schools – Update**

Staff Recommendation

That the staff report titled “Traffic Safety Improvements around Schools – Update” dated March 9, 2022, from the Director, Transportation:

- (i) be received for information; and
- (ii) be forwarded to the Richmond Council-School Board Liaison Committee for information.

Lloyd Bie, P.Eng.
Director, Transportation
(604-276-4131)

Att. 2

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Engineering	<input checked="" type="checkbox"/>	
Community Bylaws	<input checked="" type="checkbox"/>	
Fire Rescue	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

At the March 23, 2021 meeting of the Parks, Recreation and Cultural Services Committee, there was a referral to staff to implement traffic calming measures on Fundy Drive that has since been addressed. The discussion of the item included comments regarding “increased traffic around schools in general and the potential for other areas bordering schools to experience similar issues.” This report summarizes the results of staff’s review of existing traffic safety measures at all public elementary and secondary schools, and identifies the next steps of a proactive plan to expand the application and consistency of measures across the city to increase safety, support walking to/from school and reduce vehicle traffic associated with student pick up/drop off activities.

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.4 Foster a safe, caring and resilient environment.

Analysis

Existing Traffic Safety Improvements around Schools





Historically, the implementation of traffic safety measures around schools has occurred on a case-by-case basis in response to requests. The requests arise primarily from concerns regarding motorist speeding and traffic congestion around schools during pick-up/drop-off activities. Typical existing measures implemented to address these concerns include (Table 1):


- *In-street School Zone Sign*: A street-mounted school zone speed limit sign that narrows the roadway, raises motorists’ awareness of the school zone and encourages drivers to slow down. This signage is relatively low cost and can be implemented on local roads given suitable roadway characteristics (e.g., sufficient width) and no driveway conflicts. To date, the signage has been installed at 10 elementary schools and one secondary school and staff have not received any negative feedback.
- *Speed Hump/Raised Crosswalk*: A speed hump is a rounded vertical traffic calming device placed across the road that reduces vehicle speeds and discourages short cutting in neighbourhoods. Implementation is subject to confirmation that the devices will not impede emergency response vehicles below desired service levels as well as neighbourhood consultation and majority support. A raised crosswalk is similar to a speed hump but with a flat top and a pedestrian crossing. The measure reduces vehicle speeds and provides a more visible crossing for pedestrians. Four elementary schools have speed humps while two elementary schools have a raised crosswalk. While before/after speed surveys are not available, numerous research studies have documented the efficacy of speed humps in slowing down vehicle speeds.
- *Pick-up/Drop-off Area*: Delineation of a specific area for student pick-up/drop-off activities where sufficient right-of-way is available. The designated area can help to better manage traffic congestion around the school and reduce common illegal manoeuvres (e.g., stopping

in a No Stopping zone, prohibited turns when exiting parking lots). Existing examples include an improved off-street pick up/drop off area on Forsyth Crescent at Thompson Elementary School and Gibbons Park and an on-street loading zone effective during school days established on Moresby Drive at Quilchena Elementary School. The principals at both schools have indicated that measures have been effective in improving student safety.

- **Curb Extension:** A bulge(s) at intersections or mid-block to reduce roadway width, reduce the crossing distance for pedestrians and encourage motorists to slow down. Single or paired bulges have been implemented at three elementary schools and one secondary school.
- **Speed Reader Board:** Uses radar to measure motorists' speeds and provides feedback to drivers of their speed relative to the speed limit to encourage appropriate travel speeds. Speed reader boards (one in each direction) have been installed at two elementary schools.

Table 1: Typical Existing Traffic Safety Measures around Schools

Measure	School
<p>In-Street Marker</p> 	<ul style="list-style-type: none"> • Blair: 2 signs on Lynas Lane • Cambie: 2 signs on Jack Bell Dr • Diefenbaker: 6 signs on Fundy Dr • General Currie: 2 signs on General Currie Road • Hamilton: 2 signs on Smith Cr • Homma: 2 signs on Railway Ave • Maple Lane: 2 signs on Tweedsmuir Ave • Spul'u'kwuks: 2 signs on Blanshard Dr • Manoah Steves: 2 signs on Fourth Ave • Tomsett: 2 signs on Odlin Road • Westwind: 2 signs on Kingfisher Dr
<p>Speed Hump</p> 	<ul style="list-style-type: none"> • Diefenbaker: 3 speed humps on Fundy Dr • Dixon: 6 speed humps on Diamond Road • Homma: 2 speed humps on Brunswick Dr • Thomas Kidd: 2 speed humps on Maddocks Road
<p>Raised Crosswalk</p> 	<ul style="list-style-type: none"> • Anderson: 1 raised crosswalk on Alberta Road • Homma: 1 raised crosswalk on Railway Ave
<p>Pick-Up/ Drop-Off Area</p> 	<ul style="list-style-type: none"> • McKinney: on-street loading zone on Wallace Rd • Quilchena: on-street loading zone on Moresby Dr • Thompson: off-street parking area on Forsyth Cr
<p>Curb Extensions at Crosswalk</p> 	<ul style="list-style-type: none"> • General Currie: on General Currie Road • McKinney: on Lassam Road • McNeill: on Garry Street • Spul'u'kwuks: on Blanshard Dr

Measure	School
<p>Speed Reader Board</p> 	<ul style="list-style-type: none"> • Thomas Kidd: 2 signs on Shell Road • Jesse Wowk: 2 signs on Woodward's Road

Development of City-wide Plan for Traffic Safety Improvements around Schools

While the above individual measures have been effective at each site, the result is a city-wide mix across schools. As the first step of a proactive approach to develop a toolkit of engineering measures to address traffic safety issues around schools while also improving consistency in the application of measures across the city, staff completed a comprehensive review of all public elementary and secondary schools and adjacent parks to document existing traffic safety measures within the school zone at each site.

The process involved preparation of an aerial view of each site that identified existing features such as pedestrian facilities and traffic calming measures (example in Attachment 1). Staff then conducted site visits to confirm the existing conditions and audit the existing regulatory and information signage. Gaps and opportunities to upgrade existing pedestrian pathways were also noted.

The process identified deficiencies for 31 (of 38) elementary schools and nine (of 10) secondary schools, which staff anticipate will be addressed by the end of 2022. These safety improvements primarily consist of new signage to increase awareness of intersecting pedestrian pathways for motorists, curb ramps and crosswalks (Figure 1). The remaining schools did not require improvements.

As the next step, this baseline inventory of traffic safety measures will be updated to include staff's assessment of the feasibility of each type of measure at each school site. The data will then provide a springboard for consultation with the City's Traffic Safety Advisory Committee (TSAC), which includes representatives from the Richmond School District and the Richmond District Parents Association. The aim is to achieve consensus on the types and categories of measures that can be implemented either across all sites or are dependent on site specific conditions (examples in Attachment 2).



Figure 1: Example of Walkway with Curb Ramp and Walkway Signage

Staff anticipate subsequent consultation with the principals of each school as they have first-hand knowledge of day-to-day operations and traffic safety concerns. Guidance from TSAC members will be sought regarding the best way to engage with the principals.

Ultimately, the toolkit of traffic safety measures will inform a comprehensive plan for their implementation to address traffic safety issues around school zones and adjacent parks. The program will enable the City, Richmond School District and each neighbourhood to work towards a common goal of improved safety while also improving consistency in the application of measures across the city.

Financial Impact

None.

Conclusion

Staff have initiated work to progress from a reactive to proactive approach for the implementation of traffic safety measures around school zones. An inventory of existing measures has been documented and observed minor deficiencies such as missing pathway signage and curb ramps are anticipated to be addressed by the end of 2022.

As the next phase, staff will consult with the City's Traffic Safety Advisory Committee as part of the development of a comprehensive plan to for the implementation of a city-wide consistent suite of traffic safety measures at all elementary and secondary schools to support walking to/from school, reduce vehicle speeding and better manage congestion associated with student pick up/drop off activities.



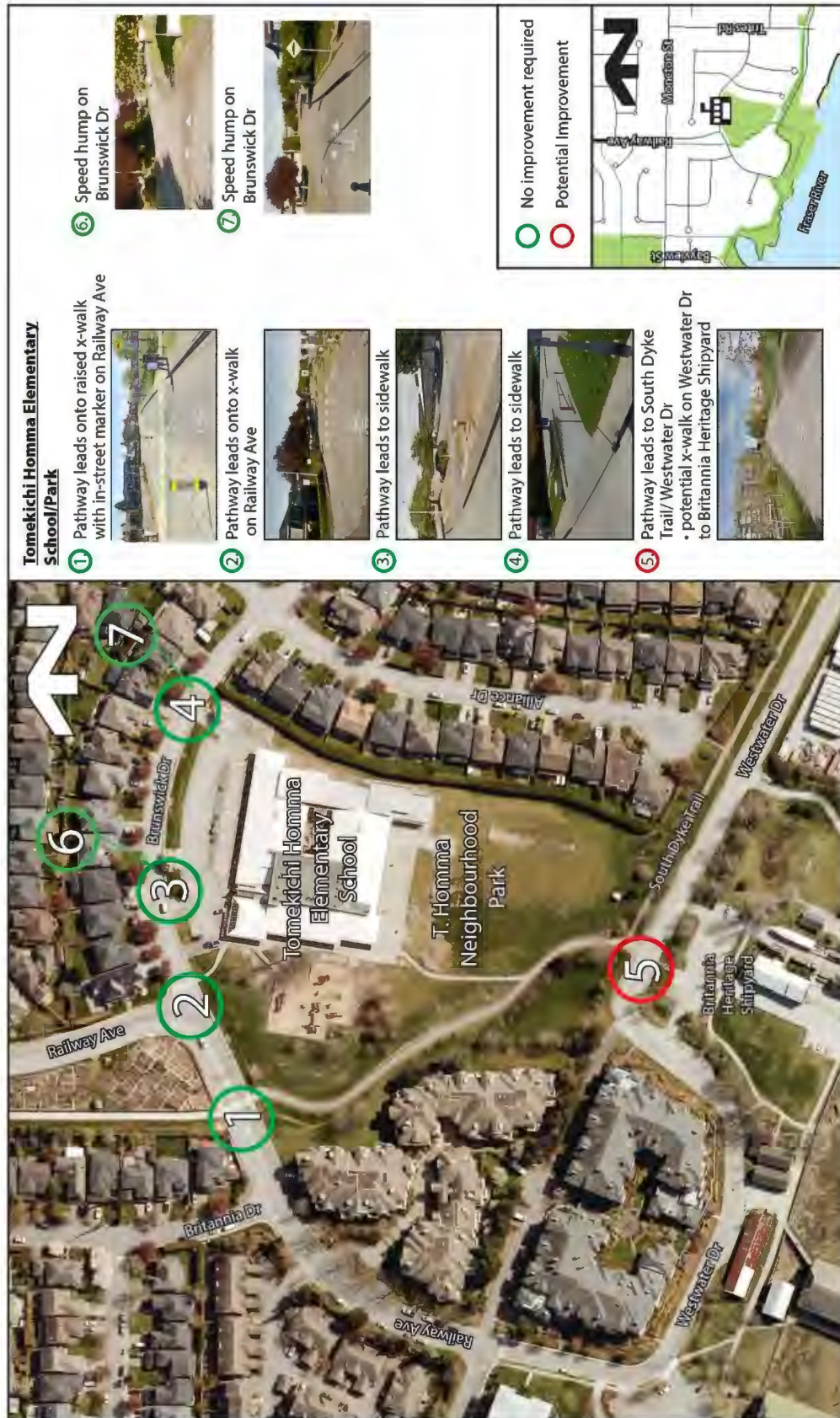
Bill Dhaliwal
Traffic Supervisor
(604-276-4210)














Joan Caravan
Transportation Planner
(604-276-4035)

BD:jc

- Att. 1: Example School Site – Aerial Map of Existing Traffic Safety Measures
- 2: Example Engineering Measures to Improve Traffic Safety



Measure	Description/Purpose	Road Type	Example
Raised Crosswalk	<ul style="list-style-type: none"> Similar to a speed hump but with a flat top and a pedestrian crossing Reduces vehicle speeds More visible crossing for pedestrians 	Local Collector Minor Arterial	
Pedestrian Walkway	<ul style="list-style-type: none"> Provide a safe passage for pedestrians Improve walking access to/from school 	All	
Speed Hump	<ul style="list-style-type: none"> Rounded vertical traffic calming device placed across the road Reduces vehicle speeds Discourages short cutting in neighbourhoods 	Local Collector Minor Arterial	
Curb Extension	<ul style="list-style-type: none"> Bulge at intersections or mid-block to reduce roadway width Reduces crossing distance for pedestrians Encourages motorists to slow down 	Local Collector	
Revised Curb Radius	<ul style="list-style-type: none"> Reduce curb radius Slows turning vehicles Reduces crossing distance for pedestrians 	Local Collector Minor Arterial	
In-street School Zone Sign	<ul style="list-style-type: none"> Street-mounted school zone speed limit signs Narrows the roadway and encourages drivers to slow down 	Local	

Measure	Description/Purpose	Road Type	Example
Pavement Markings	<ul style="list-style-type: none"> Highly visible, fluorescent yellow-green road markings Replicate school zone sign or 'SCHOOL' Help increase awareness of where the reduced speed limit begins 	Local	
Traffic Circle	<ul style="list-style-type: none"> Raised island located in centre of intersection Reduces vehicle speeds Provides right-of-way control and reduces conflicts 	Local Collector	
Speed Reader Board	<ul style="list-style-type: none"> Use radar to measure motorists' speeds Provide feedback to drivers of travel speed relative to speed limit Reduce vehicle speeds 	All	
Stop Sign In-fill	<ul style="list-style-type: none"> Installation of stop sign Reduces vehicle speeds Discourages short-cutting traffic Reduces conflicts at intersections 	Local Collector Minor Arterial	
Review of Signage and Markings	<ul style="list-style-type: none"> Signage placement and visibility of pavement markings Sightlines and possible encroaching foliage Location of on street parking 	All	



To: Public Works and Transportation Committee
From: Lloyd Bie, P.Eng.
Director, Transportation
Date: March 15, 2022
File: 12-8060-20-
010301/Vol 01
Re: Barnes Drive and Flury Drive Traffic Calming – Report Back on Referral

Staff Recommendation

1. That Option 3 to establish a 30 km/h speed limit on Barnes Drive and Flury Drive, as described in the staff report titled “Barnes Drive and Flury Drive Traffic Calming – Report Back on Referral” dated March 15, 2022, from the Director, Transportation, be endorsed; and
2. That should Option 3 be endorsed, Traffic Bylaw No. 5870, Amendment Bylaw No. 10301, to revise the posted speed limit on Barnes Drive and Flury Drive to 30 km/h, be introduced and given first, second and third reading.

Lloyd Bie, P.Eng.
Director, Transportation
(604-276-4131)

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Engineering	<input checked="" type="checkbox"/>	
Fire Rescue	<input checked="" type="checkbox"/>	
RCMP	<input checked="" type="checkbox"/>	
Finance	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS:	APPROVED BY CAO

Staff Report

Origin

In April 2021, staff received a petition from eight residents of Barnes Drive and Flury Drive requesting traffic calming measures to address perceived concerns of speeding motorists. Following engagement with the neighbourhood in summer 2021, staff presented a report at the November 22, 2021 Council meeting that recommended establishing a 30 km/h speed limit on Barnes Drive and Flury Drive. Further to Council discussion, the following referral was carried:

That the staff report titled “Barnes Drive and Flury Drive – Traffic Calming Update” dated October 12, 2021, from the Director, Transportation, be referred back for additional neighbourhood consultation, and report back.

This report provides the outcome of staff’s additional engagement with the neighbourhood.

This report supports Council’s Strategic Plan 2018-2022 Strategy #1 A Safe and Resilient City:

Enhance and protect the safety and well-being of Richmond.

1.4 Foster a safe, caring and resilient environment.

Analysis

Additional Engagement with Neighbourhood

From late January to early February 2022, residents were surveyed a second time to determine the level of support for and obtain comments on the following traffic calming options:

- Option 1: No Change
- Option 2: 30 km/h Advisory Signage
- Option 3: 30 km/h Enforceable Signage

A total of 52 surveys were mailed out to the registered addresses in the neighbourhood; 71 responses were received including 20 registered addresses with more than one response. Nine addresses did not provide a response. The Zoning Bylaw permits two units per lot (i.e., one secondary suite per principal dwelling unit in single detached housing). Thus, the number of responses counted was limited to two per registered address. Table 1 provides a breakdown of the original and revised number of responses received per registered address.

Table 1: Original and Revised Survey Responses Received

# of Registered Addresses	# of Responses per Registered Address	Total # of Responses Received	Total # of Responses Received (Limited at 2 per Address)
9	0	0	0
23	1	23	23
14	2	28	28
4	3	12	8
2	4	8	4
52		71	63

The percent support for each option is calculated based on the number of responses for that option divided by the revised total of 72 housing units (i.e., 63 responses received plus nine addresses with no response). As shown in Figure 1, the results indicate a majority support of 64% of housing units for an enforceable 30 km/h speed limit.

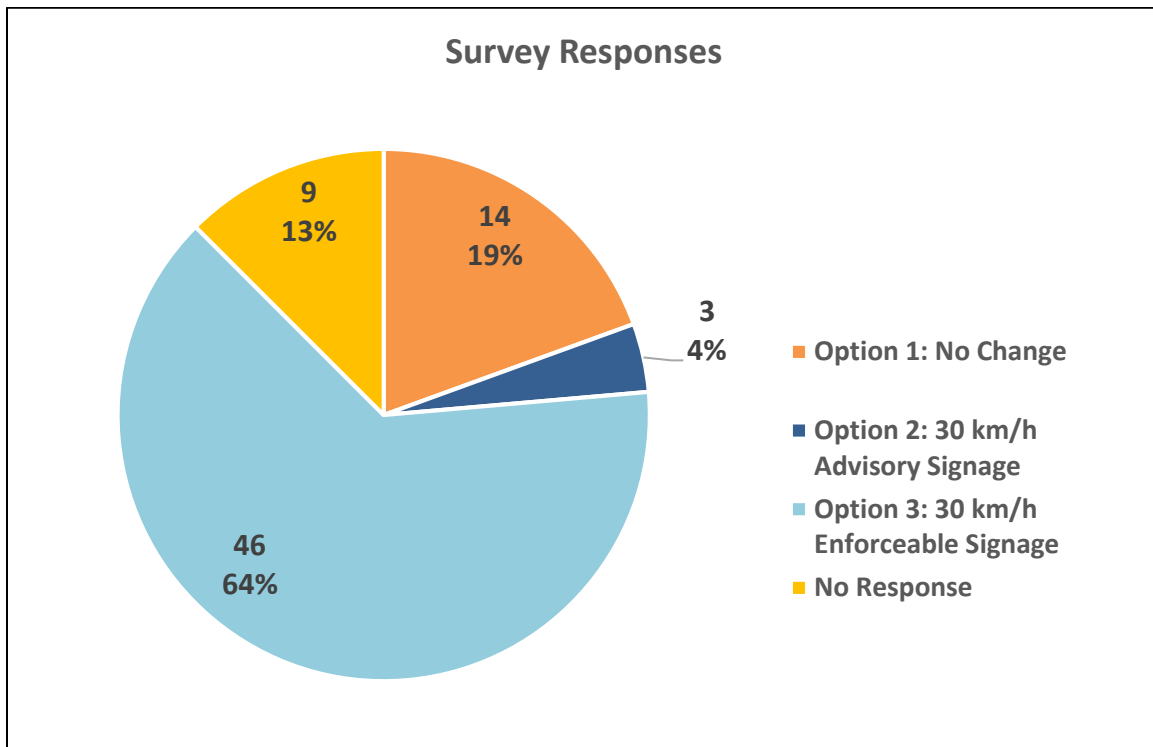


Figure 1: Survey Results for Traffic Calming Options

Based on these results, staff recommend the installation of regulatory 30 km/h speed limit signage that is enforceable by Richmond RCMP. This option provides a material change that responds to residents' interest in a lower speed limit for the neighbourhood and better aligns with the actual operating speed on the ring road as determined by the speed survey. Establishing an enforceable 30 km/h speed limit requires Council approval to amend Traffic Bylaw No. 5870.

Crash History

At the November 22, 2021 Council meeting, there was also a request for details of the crash history for the roads. During 2016 to 2020 (the most recent five year period), a total of four incidents were reported to ICBC. No incidents were speed-related nor did any involve a pedestrian or cyclist.

Financial Impact

The estimated cost to implement the signage associated with the recommended Option 3 is \$1,500, which can be funded by the approved 2021 Traffic Calming Program.

Conclusion

The second survey of the residents of Barnes Drive and Flury Drive has confirmed a majority support for an enforceable 30 km/h speed limit. Staff recommend an amendment to Traffic

March 15, 2022

- 4 -

Bylaw No. 5870 to establish an enforceable 30 km/h speed limit for the streets as a tangible measure that responds to residents' desire for a change from the status quo and is anticipated to improve traffic safety and the walkability of the neighbourhood, thereby encouraging greater community wellness and social interaction.



Fred Lin, P.Eng., PTOE
Transportation Engineer
(604-247-4627)



Bill Dhaliwal
Supervisor, Traffic Operations
(604-276-4210)

JC:jc



**Traffic Bylaw No. 5870
Amendment Bylaw No. 10301**

The Council of the City of Richmond enacts as follows:

1. **Traffic Bylaw No. 5870**, as amended, is further amended by adding a new Item 12 to Schedule B as follows:
 12. Barnes Drive and Flury Drive.
2. This Bylaw is cited as “**Traffic Bylaw No. 5870, Amendment Bylaw No. 10301**”.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

MAYOR

CORPORATE OFFICER

CITY OF RICHMOND
APPROVED for content by originating dept.
JC
APPROVED for legality by Solicitor
LB



To: Planning Committee

Date: March 28, 2022

From: Kim Somerville
Director, Community Social Development

File: 07-3300-01/2022-Vol 01

Re: 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021

Staff Recommendation

1. That the 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 (Attachment 1) as outlined in the staff report titled, “2019–2029 Cultural Harmony Plan Progress Report for 2019–2021,” dated March 28, 2022, from the Director, Community Social Development, be received for information; and
2. That the 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 be distributed to key stakeholders, local Members of Parliament, local Members of the Legislative Assembly and be posted on the City website.

Kim Somerville
Director, Community Social Development
(604-247-4671)

Att. 2

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Corporate Communications & Marketing	<input checked="" type="checkbox"/>	
Arts, Culture & Heritage	<input checked="" type="checkbox"/>	
Parks Services	<input checked="" type="checkbox"/>	
Recreation and Sport Services	<input checked="" type="checkbox"/>	
Intergovernmental Relations	<input checked="" type="checkbox"/>	
SENIOR STAFF REPORT REVIEW	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

The 2019–2029 Cultural Harmony Plan was adopted by City Council on November 25, 2019. It is the first plan of its kind in Canada and is intended to guide the City's approach to fostering and enhancing intercultural connections among its diverse population.

The purpose of this 10-year plan is to identify and implement innovative and collaborative approaches to facilitate intercultural understanding among Richmond's diverse communities, provide City programs and services that address the needs of the city's diverse population, and remove barriers to participation for Richmond residents. It is organized around five strategic directions and 27 recommended actions that provide focus on the work that the City and its stakeholders undertake together to enhance cultural harmony in Richmond.

The purpose of this report is to provide a high-level summary of the accomplishments and endeavours the City, in partnership with the community, has accomplished from 2019 to 2021.

This report supports Council's Strategic Plan 2018–2022 Strategic Focus Area #3 One Community Together:

Vibrant and diverse arts and cultural activities and opportunities for community engagement and connection.

This report also supports the following actions defined in the Social Development Strategy 2013–2022:

Action 16 - Improve the City's cultural competence through monitoring the intercultural sensitivity and inclusiveness of corporate policies and practices.

Action 19 - Create opportunities to showcase Richmond's cultural diversity and facilitate intercultural dialogue.

Analysis

The COVID-19 pandemic has had a profound impact on the health, social and economic well-being of Richmond residents during the past two years. It has laid bare many of the social and economic inequities some segments of the population experience. However, the pandemic has also demonstrated the resilience of various groups and community organizations during these challenging times.

This progress report outlines the initiatives that the City undertook to enhance intercultural connections among Richmond's diverse population as well as to address the impacts brought about by the pandemic and related public health measures, such as approving the flexible uses of the City grants, pursuing partnerships to address racism in Richmond, and celebrating Richmond's diversity and unique heritage. It also provides information on the ways Community Associations and Societies and community organizations continue to serve Richmond residents during the pandemic as well as initiatives by the provincial government to respond to growing incidents of racism.

Despite the challenges presented by COVID-19, there have been many innovative cultural harmony initiatives initiated in the past two years. The pandemic highlighted the need for fostering intercultural awareness and understanding among the city's diverse populations and underscored the importance of the 2019–2029 Cultural Harmony Plan in the community more than ever.

Highlighted Achievements since 2019

Since the 2019–2029 Cultural Harmony Plan was adopted in 2019, significant advancements and achievements have occurred, such as:

- The City marked the first National Day for Truth and Reconciliation on September 30, 2021. This day honours the children and survivors of residential schools, their families and communities, and commemorates the history and ongoing impacts of residential schools. The City required all full-time staff to take a self-paced online Indigenous awareness course. This mandatory training achieves a key action in the Cultural Harmony Plan related to Truth and Reconciliation, and highlights the City's commitment to meeting one of the 94 Calls to Action outlined in the Truth and Reconciliation Commission of Canada (TRC) report.
- The City signed the United Nations High Commissioner for Refugees (UNHCR) Cities #WithRefugees pledge. This global initiative seeks to amplify the efforts of cities that are creating inclusive communities where everyone can live in safety, contribute to and participate in their local community. Signing this initiative demonstrates the City's ongoing commitment to promoting inclusion by raising awareness of the plight of refugees around the world and the value they bring to cities such as Richmond.
- Publication of an updated Newcomers Guide to Richmond which provides information and resources on settling in the community. It is available in English, Simplified Chinese and Traditional Chinese.
- Updating the Accessibility and Inclusion Policy to create a robust framework for the City to continue to support its efforts to further advance accessibility and inclusion in Richmond. The updated policy acknowledges the diverse needs of Richmond's population and addresses the importance of community engagement, communication, education and awareness, and advocacy.
- Council approved the proposed program plan to guide future planning and capital submission for the First Nations Bunkhouse at Britannia Shipyards. Offering heritage interpretation in the First Nations Bunkhouse honours the spirit of the Truth and Reconciliation Commission's Calls to Action by working with Indigenous peoples to present stories of their involvement in the fishing industry in their words and by sharing these stories with the public.

- The City partnered with Richmond Multicultural Community Services to capture the stories of Richmond-based newcomers and refugees from Arabic and Farsi-speaking countries through art. *Stories of Home – Past and Present* invited participants to examine what they miss from their past home and what they love about their current life in Richmond while learning new skills in drawing and painting. It culminated in an exhibition of artwork and stories at the Richmond Public Library from November 6, 2021 to January 6, 2022.

The 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 includes additional highlighted achievements under each of the five strategic directions. A complete list of the recommended actions identified in the 2019–2029 Cultural Harmony Plan and their status is contained in Attachment 2. The City continues to share information about its cultural harmony initiatives and copies of the 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021 will be distributed to key stakeholders, local Members of Parliament, local Members of the Legislative Assembly and posted on the City website.

Moving forward, the City will continue to implement actions outlined in the plan and monitor the advancement of recommended actions and detail the progress made.

Financial Impact

None.

Conclusion

The progress made to the actions outlined in the 2019–2029 Cultural Harmony Plan demonstrates the City’s commitment to supporting cultural diversity, equity and inclusion to ensure that all residents feel valued and accepted in the community. The past two years have highlighted the need for meaningful engagement across cultures to bring about increased awareness and understanding. Guided by the 2019–2029 Cultural Harmony Plan, the City and its community partners will continue to work collaboratively to deliver cultural harmony initiatives that foster meaningful intercultural connections in the community in order to further the vision “that Richmond residents recognize and respect diversity in the community and enable each individual’s contributions in all aspects of community life.”



Dorothy Jo
Program Manager, Social Planning
(604-276-4391)

Att. 1: 2019–2029 Cultural Harmony Plan Progress Report for 2019–2021

Att. 2: Status Update of the 2019–2029 Cultural Harmony Plan Strategic Directions and Actions



CITY OF RICHMOND
2019–2029 Cultural Harmony Plan
Progress Report
2019–2021 Update

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INTRODUCTION

The City of Richmond has a strong tradition of addressing social equity issues in its planning practices and service delivery. The *2019–2029 Cultural Harmony Plan* is the first ever plan of its kind in Canada and is intended to guide the City's approach to fostering and enhancing intercultural connections among its diverse population. With over 60% of Richmond residents born outside of Canada, the City is committed to supporting cultural diversity, equity and inclusion in order to ensure that all residents feel valued and accepted in the community. As Richmond's population continues to grow and evolve, the City recognizes that the unique characteristics, interests and needs of various segments of the population need to be addressed in order to build an inclusive community based on mutual respect and belonging.

Since the *2019–2029 Cultural Harmony Plan* was adopted in November 2019, there has been significant progress in addressing the actions outlined in the plan. The following report provides a high-level summary of the accomplishments and endeavours the City, in partnership with the community, has accomplished from 2019 to 2021.

ABOUT THE PLAN

The *2019–2029 Cultural Harmony Plan* was adopted by City Council on November 25, 2019. This ten-year plan for the City outlines innovative and collaborative approaches to strengthen intercultural connections among Richmond residents, provide City programs and services that address the needs of the city's diverse population, and remove barriers to participation for Richmond residents. It also recommends that the City continues to work collaboratively with Community Associations and Societies and key stakeholders to address the needs of vulnerable populations, facilitate intercultural understanding and support community capacity building.

The *2019–2029 Cultural Harmony Plan* is guided by the following vision statement:

That Richmond residents recognize and respect diversity in the community and enable each individual's contributions in all aspects of community life.

The *2019–2029 Cultural Harmony Plan* was developed with participation from the public, Community Associations and Societies, and key stakeholders in the community. This plan demonstrates the City's leadership in building on its social inclusion practices and signifies a commitment to respond to the evolving needs of Richmond's increasingly diverse population and to build a more inclusive future for everyone.

IMPLEMENTATION PRIORITIES

The *2019–2029 Cultural Harmony Plan* outlines five strategic directions and 27 recommended actions to enhance cultural harmony in Richmond. The five strategic directions are:

1. Intercultural Connections
2. Collaboration and Partnerships
3. Targeted Training and Professional Development
4. Communication and Community Engagement
5. Programs and Services

Each strategic direction includes items for action that are intended to meet the objectives and intended outcomes of each strategic direction. Each action includes an associated timeline for completion: short term (0-3 years), medium term (4-6 years), long term (7-10 years), and ongoing. These strategic directions have guided the City's priorities since 2019 and will continue to guide the City's approach in the years to come in fostering positive intercultural connections among people of diverse backgrounds in the community.

UPDATES SINCE 2019

COVID-19 Pandemic and Cultural Harmony

The COVID-19 pandemic has had a profound impact on the health, social and economic well-being of people in Canada. While COVID-19 has impacted everyone, these impacts have disproportionately affected some groups, including racialized communities. The policies enacted to effectively contain the spread of the virus have unfortunately resulted in unprecedented disruption in the social and economic lives of Canadians and in some cases exacerbated isolation and loneliness particularly for immigrants and seniors. The pandemic has also laid bare many of the social and economic inequities some segments of the population already experienced pre-pandemic including lower incomes, precarious employment and barriers to accessing health and social services.

Due to restrictions on in-person gatherings brought about by the COVID-19 pandemic, the City, Community Associations and Societies, and community organizations have had to deliver some programs and services online in order to continue to serve vulnerable residents in the community. In response to the impact of the pandemic and related public health measures, in May 2020 City Council approved flexible uses of the City Grants to respond to the impacts of COVID-19. This included allowing unused operating grant funds to be redirected to expenses incurred by COVID-19 service adaptations as long as they were aligned with the intent of the City Grant awarded. The City continues to support the community through capacity-building and grant funding so that community organizations can address the increased challenges faced by vulnerable residents due to the pandemic.



To respond to the growing incidents of racism, in November 2019 the provincial government launched the Resilience BC Anti-Racism Network, which provides a multi-faceted, province-wide approach to identifying and challenging racism. The network connects communities with the information, supports and training required to respond to and prevent future incidents of racism and hate. The Resilience BC Anti-Racism Network replaced the previous Organizing Against Racism and Hate (OARH) program. In response to the increase in racially-motivated incidents in Richmond, City Council issued the following statement against racism and violence related to the COVID-19 pandemic on May 25, 2020:

In Richmond, we are a community that celebrates a rich history of culture, diversity and heritage linked to the arrival and influence of immigrants that began over a century ago. The City of Richmond does not—and never will—condone or tolerate racist behaviour in any form. Such attitudes and actions do not reflect our community's cultural diversity or the spirit of inclusion that we are all proud of. Events of the past few months have created uncertainty, frustration and fear for some. But that is no excuse to cast blame on others. COVID-19 should not be blamed on any single culture or country and it is certainly not the fault of anyone in our community. Now, more than ever, we must stand together and be true to our shared values of diversity, inclusion and respect. Racial and discriminatory responses and actions have no place in Richmond. They have no place in our society.

The City continues to pursue partnerships to address racism in Richmond. In March 2021, the Richmond RCMP in partnership with the City launched a “Hate Has No Place” poster campaign in Richmond, encouraging those who have experienced hate motivated incidents to report them to the police. On March 31, 2021 Richmond City Council issued another statement against racism:

The City of Richmond does not tolerate hateful nor racially motivated behaviour. We acknowledge such attitudes unfortunately exist and are in direct contradiction to the spirit of inclusion we uphold. We must stand together to address and condemn all forms of discrimination and racism.

The City remains steadfast in its commitment to fostering an inclusive community where everyone feels safe and respected. Guided by the *2019–2029 Cultural Harmony Plan*, the City continues to deliver cultural harmony initiatives that foster meaningful intercultural connections in the community. The social issues that the COVID-19 pandemic have brought to the forefront have demonstrated the important role the Cultural Harmony Plan can play to increase awareness and understanding of different cultures in the community and encourage positive intercultural interactions among Richmond's diverse population.

Truth and Reconciliation

The City marked the first National Day for Truth and Reconciliation on September 30, 2021. This day honours the children and survivors of residential schools, their families and communities and commemorates the history and ongoing impacts of residential schools. The City required all full-time staff to take a self-paced online Indigenous awareness course. This mandatory training achieves a key action in the Cultural Harmony Plan related to Truth and Reconciliation, and highlights the City's commitment to meeting one of the 94 Calls to Action outlined in the Truth and Reconciliation Commission of Canada (TRC) report.

Cultural Harmony

The past two years has underscored the need for building the capacity of community organizations to serve the needs of Richmond's diverse population during these challenging times. It has also highlighted the need for meaningful engagement across cultures to bring about increased awareness and understanding. The *2019–2029 Cultural Harmony Plan* will continue to guide the City's approach to fostering cultural harmony among Richmond's diverse residents. Progress made to the actions outlined in the *2019–2029 Cultural Harmony Plan* demonstrates the City's ongoing commitment to ensuring all Richmond residents—Indigenous peoples, newcomers and long-time residents—value their shared history and feel a sense of safety and belonging in the community.



PROGRESS

The 2019–2029 *Cultural Harmony Plan* outlines 27 recommended actions to accomplish throughout the ten-year period. The purpose of this section is to provide an overview of accomplishments that have occurred since 2019 when City Council first adopted the plan.

1 Strategic Direction #1: Intercultural Connections

Why is this direction important?

Richmond is a vibrant and multicultural city with over 100 languages spoken by residents from over 150 different ethnic origins. While the diversity of Richmond's population presents plenty of opportunities for community enrichment, it also presents some challenges in terms of cross-cultural communication and understanding. Cultural celebrations, community events and intercultural dialogues can foster positive interactions between newcomers and long-time residents by providing them with opportunities to directly engage with and learn from one another. This can lead to increased intercultural understanding and respect, and also foster a sense of shared community among newcomers and long-term residents alike.

Highlighted Achievements

- The City and Community Associations and Societies continue to celebrate Richmond's diverse cultures and foster intercultural understanding by working with diverse cultural groups to recognize important cultural events including Lunar New Year, Black History Month, Ramadan, Asian Heritage Month, Cherry Blossom Festival, National Indigenous Peoples Day and the Harvest Moon and Mid-Autumn Festivals. Due to public health measures, many of these events were held virtually in 2020 and 2021.
- In October 2020, City Council approved the proposed program plan to guide future planning and capital submission for the First Nations Bunkhouse at Britannia Shipyards. Offering heritage interpretation in the First Nations Bunkhouse honours the spirit of the Truth and Reconciliation Commission's Calls to Action by working with Indigenous peoples to present stories of their involvement in the fishing industry in their words and by sharing these stories with the public.
- Doors Open Richmond is an annual event that celebrates cultural diversity and raises civic awareness by offering a look inside places of worship, cultural centres, local businesses, museums and heritage sites. In 2020 and 2021, the Richmond Museum Society, in partnership with the City of Richmond presented the event online and focused on sites that promote intercultural and interfaith understanding. New cultural sites, shops and restaurants joined Doors Open, including the Steveston Buddhist Temple, the Best of British and Lamajoun. Visitors gained knowledge about cultural practices and spiritual traditions by engaging with over 35 participating sites online.

- In 2021, the City's Public Art program partnered with Richmond Multicultural Community Services to capture the stories of Richmond-based newcomers and refugees from Arabic and Farsi-speaking countries through art. *Stories of Home – Past and Present* invited participants to examine what they miss from their past home and what they love about their current life in Richmond while learning new skills in drawing and painting. It culminated in an exhibition of artwork and stories at the Richmond Public Library from November 6, 2021 to January 6, 2022.



Stories of Home – Past and Present by artist Jean Bradbury in collaboration with Arabic and Farsi speaking newcomers, and Richmond Multicultural Community Services, Richmond Care Place, 2021.

2

Strategic Direction #2: Collaboration and Partnerships

Why is this direction important?

Strong collaboration and partnerships are crucial to delivering programs and services that are reflective of the needs of the community. Richmond has a strong network of Community Associations and Societies, community service organizations, and ethno-cultural and faith-based community groups that deliver various services in the community. These collaborative partnerships have been key to maintaining continuity of program and service delivery to the most vulnerable members of the community throughout the COVID-19 pandemic. The City continues to identify potential opportunities to work with community partners to respond to the evolving needs of Richmond's diverse population.

Highlighted Achievements

- Through 2020 and 2021, the City pursued and received funding from senior levels of government to implement various cultural harmony initiatives. The Richmond Museum Society received funding from the Department of Canadian Heritage Community Support, Multiculturalism and Anti-Racism Initiatives Program for Doors Open. The City received a Department of Canadian Heritage Celebrate Canada grant to support Canada Day celebrations in Richmond in collaboration with the Steveston Salmon Festival. The Richmond Art Gallery received a Canada Council for the Arts Co-production grant for an exhibition by Brendan Fernandes titled "Inaction", which reflects on the social upheavals of 2020 including the COVID-19 pandemic and the Black Lives Matter movement. Also, the Minoru Seniors Society received funding from the Canadian Red Cross Community Support Grant to launch an outreach project for Chinese-speaking seniors in response to the COVID-19 pandemic.
- In the last two years the City has joined networks that work towards building inclusive societies, including the national Municipal Diversity and Inclusion Network, which connects municipal staff working in the field of diversity and inclusion across Canada to share best practices, the Social Purpose Real Estate Collaborative, which works to enable not-for-profit agencies and social enterprises to create resilient, inclusive and connected communities, and the Communities Ending Poverty network, which is comprised of 330 municipalities and is represented by 80 regional roundtables that work together to develop and implement plans to reduce poverty in their communities.



3 Strategic Direction #3: Targeted Training and Professional Development

Why is this direction important?

As Richmond is one of the most diverse cities in Canada, it is important to equip staff, volunteers and community partners with the knowledge and skills to foster a welcoming community and offer inclusive programs and services. The increased focus on diversity, equity and inclusion over the past two years has underscored the importance of awareness, education and acceptance between and among different cultures. The City is committed to equipping staff and volunteers with the necessary tools to foster an inclusive community and providing educational opportunities to the public on cultural diversity, equity and inclusion.

Highlighted Achievements

- In 2020 and 2021, the annual Diversity Symposium pivoted from a one-day in-person event to a week-long virtual event, with over 1,800 registrations in 17 workshop sessions. Workshop topics included decolonizing practices, LGBTQ2S+ resiliency, inclusion of the dementia and disability community in decision making, anti-racist organizational change, and utilizing co-design for strategy and program development with diverse communities. In 2021, several accessibility-related enhancements were implemented, such as live closed captioning and a screen-reader compatible program guide, to make the symposium more accessible for participants with visual or hearing impairments.
- The City of Richmond is in the process of developing a city-wide diversity and inclusion training program for City and Association staff to provide them with the knowledge and tools to support community members with diverse perspectives, abilities and needs. This includes skills-based training in intercultural competency, disability awareness and anti-racism.
- In 2021, the City held mandatory Indigenous awareness training for all staff to mark National Day for Truth and Reconciliation. This foundational training covers the history and culture of Indigenous communities in Canada, the history of residential schools and treaties around the country.



Harvest Full Moon Festival by artist Marina Szijarto, City Centre Community Centre, 2015.

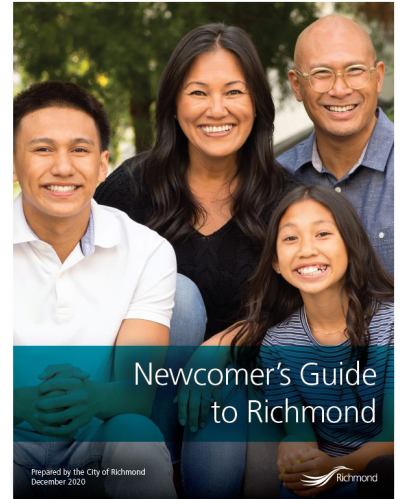
4 Strategic Direction #4: Communication and Community Engagement

Why is this direction important?

Meaningful, inclusive community engagement is critical to community well-being and residents' sense of belonging. Ensuring that all residents have access to City-related information regardless of cultural backgrounds and language ability allows them to contribute meaningfully and participate fully in decision making that affects their everyday lives. The City continues to explore opportunities to improve its community engagement practices and remove barriers to participation.

Highlighted Achievements

- On March 23, 2020, the City signed the United Nations High Commissioner for Refugees (UNHCR) Cities #WithRefugees pledge. This global initiative seeks to amplify the efforts of cities who are creating inclusive communities where everyone can live in safety and contribute to and participate in their local community. Signing this initiative demonstrates the City's ongoing commitment to promoting inclusion by raising awareness of the plight of refugees around the world and the value they bring to cities such as Richmond.
- In December 2020, the City published an updated Newcomers Guide to Richmond which provides information and resources on settling in the community. It is available in English, Simplified Chinese and Traditional Chinese. To complement the updated Newcomers Guide, a Newcomer's Video Series is under development which aims to share the experience of settling in Richmond through telling the stories of those who were once newcomers to the community.
- The City is engaged in ongoing work to develop guidelines to improve the engagement of multilingual groups in the community, including the translation of important materials to languages other than English. In addition, the Parks Department continues to update signage in parks to include graphic images to succinctly communicate wayfinding and park use information to park users in order to enhance accessibility and understanding. The use of graphic images supports all users to safely interact with park spaces regardless of language or literacy level.



5 Strategic Direction #5: Programs and Services



Signs of Pride, Sam McWilliams, Paige Gratland, Phranc, 2021. West Richmond Community Centre. Photo by Four Eyes Portraits.

Why is this direction important?

A welcoming and inclusive society is characterized by a widely shared social experience and the active participation of its residents. The City continues to strengthen relationships with various cultural and ethnic communities to ensure that their arts and cultural practices are integrated into City programs and events. The City also regularly reviews its programs and services to ensure that opportunities are provided for people of diverse backgrounds to have meaningful connections with one another.

Highlighted Achievements

- In October 2020, the Richmond Museum signed a Memorandum of Understanding with the UBC Initiative for Student Teaching and Research in Chinese Canadian Studies (ISTRCCS) allowing the Museum to extend its knowledge of and connection to Richmond's Chinese Canadian heritage. The project will help build new bridges between the Richmond Museum and Richmond's Chinese Canadian community, produce materials that will showcase Chinese Canadians in Richmond, and encourage more participation of Richmond's Chinese Canadian community in the presentation and preservation of their cultural heritage.
- The City updated its Access and Inclusion Policy in December 2020 to create a robust framework for the City to continue to support its efforts to further advance accessibility and inclusion in Richmond. The updated policy acknowledges the diverse needs of Richmond's population and addresses the importance of community engagement, communication, education and awareness and advocacy.
- The City received a \$15,000 grant from BC Healthy Communities in July 2021 towards the development of an equity lens resource to support staff in addressing equity and inclusion through the program planning process. Grant activities included staff engagement, training workshops and a pilot phase to tailor and refine an equity lens tool.
- There is a growing movement towards representing the intersectionality inherent in community members' lived experiences. The Signs of Pride art project is a partnership between Public Art and West Richmond Community Association and engaged artists Sam McWilliams, Paige Gratland and Phranc along with youth leaders to celebrate and remember the history and culture of the LGBTQ2S+ community in Richmond. From May to July 2021, the group connected virtually, each bringing their own cultural lens to contribute to the project highlighting important symbols of the LGBTQ2S+ community.
- Intersectionality was also represented through the public art installation, Self portrait with mended flesh, by two-spirit artist Manuel Axel Strain, a work born out of the artist's internalized struggle to accept their own identity (Indigenous and Two-spirited). The Richmond Art Gallery supported and mentored this local Indigenous artist through the process of producing this piece which was installed at the Aberdeen Canada Line Station through the City's Public Art program.

NEXT STEPS

The City of Richmond's *2019–2029 Cultural Harmony Plan* outlines short term, medium term, long term and ongoing actions to strengthen intercultural connections among Richmond's diverse communities. This report provides information on the City's progress in meeting the short term and ongoing actions since the plan was adopted in November 2019. The City continues to implement actions outlined in the plan and will continue to monitor the advancement of recommended actions and detail the progress made in the next update.

CONCLUSION

The *2019–2029 Cultural Harmony Plan* demonstrates the City of Richmond’s ongoing commitment to working in partnership with Community Associations and Societies and key stakeholders to facilitate intercultural understanding among Richmond’s diverse communities, reduce barriers faced by different segments of the city’s population and develop programs and services that are inclusive and relevant so that all Richmond residents can participate in all aspects of community life.

The rise in anti-Asian racism during the COVID-19 pandemic has highlighted the importance of fostering intercultural awareness and understanding among the city’s diverse populations. Despite the challenges presented by COVID-19, there have been many innovative cultural harmony initiatives that were initiated in the last two years. The COVID-19 pandemic has only underscored the importance of the *2019–2029 Cultural Harmony Plan* in the community more than ever.

Moving forward, the City and its community partners will continue to work collaboratively in an ongoing effort to further the vision “that Richmond residents recognize and respect diversity in the community and enable each individual’s contributions in all aspects of community life.”



City of Richmond

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Status Update of the 2019–2029 Cultural Harmony Plan Strategic Directions and Actions

Strategic Direction	Recommended Actions	Timeline	Status
#1 Intercultural Connections	1. Continue to recognize and celebrate Richmond's diverse cultures and unique heritage through intercultural celebrations and events.	Ongoing	Ongoing
	2. Develop and implement a neighbourhood approach to facilitating positive intercultural exchange and understanding between Richmond's diverse cultural communities, such as community-based dialogues, storytelling, and sharing of art, food and music.	Short term	In progress
	3. Review the calls to action from the Truth and Reconciliation Commission's (TRC) report and explore opportunities for Richmond to respond.	Short term	Ongoing
	4. Identify and recognize community champions who improve awareness, acceptance and positive relations among people of different cultural and ethnic backgrounds, and between long-time residents and recent immigrants.	Medium term	In progress
	5. Incorporate criteria into the City Grant program that supports programs and events that facilitate intercultural interaction and promote intercultural understanding.	Medium term	In progress
#2 Collaboration and Partnerships	6. Continue to work with Richmond Intercultural Advisory Committee (RIAC) members to implement the RIAC Intercultural Strategic Plan and Work Program.	Ongoing	Ongoing
	7. Continue to support the capacity building of community service organizations that serve the needs of Richmond's diverse population.	Ongoing	Ongoing
	8. Pursue opportunities to participate in joint planning and networking with community service organizations in order to share information and identify gaps in program and service delivery.	Short term	Ongoing
	9. Participate in community initiatives that seek to develop mechanisms for responsive action against incidents of racism.	Short term	Ongoing

Strategic Direction	Recommended Actions	Timeline	Status
#2 Collaboration and Partnerships continued	10. Pursue programs and funding opportunities provided by senior levels of government regarding cultural harmony initiatives.	Short term	Ongoing
	11. Explore participation in networks that work towards building inclusive societies.	Medium term	Ongoing
#3 Targeted Training and Professional Development	12. Continue to learn and share best practices in diversity and inclusion with staff and volunteers from the City, Community Associations and Societies and community service organizations, through the City of Richmond Diversity Symposium and other training opportunities.	Ongoing	Ongoing
	13. Develop and implement a diversity and inclusion training program for City and Community Associations and Societies staff and volunteers to better serve Richmond's diverse population.	Short term	Significant progress made
	14. Work with immigrant-serving agencies to identify and reduce barriers faced by immigrants in accessing volunteer and employment opportunities with the City of Richmond.	Short term	Ongoing
	15. Explore and implement mentorship and internship opportunities targeted to recent immigrants within the City.	Medium term	In progress
	16. Recruit and retain City and Community Associations and Societies staff and volunteers that reflect Richmond's diversity.	Long term	In progress
#4 Communication and Community Engagement	17. Review and pursue viable options of providing City-related information for newcomers, immigrants and refugees that would assist them in accessing services in the community (i.e. City website).	Ongoing	Ongoing
	18. Develop City-wide translation and interpretation guidelines to expand the engagement of multilingual communities.	Short term	In progress
	19. Explore and implement the use of different communication methods, such as multilingual translation services on the City website and interpretive tools for frontline customer service staff, to engage different cultural segments of the population.	Short term	In progress

Strategic Direction	Recommended Actions	Timeline	Status
#4 Communication and Community Engagement continued	20. Explore the creation of a corporate community engagement policy with input from under-represented and hard-to-reach communities.	Long term	In progress
	21. Develop and implement an awareness campaign about the benefits of an inclusive community and recognize the contributions long-time residents and recent immigrants have made to Richmond's vibrant community.	Long term	In progress
#5 Programs and Services	22. Undertake a comprehensive review of City and Community Associations and Societies programs and services from a diversity and inclusion perspective, identifying gaps and improvements, and implementing any actions that have been identified.	Ongoing	In progress
	23. Review and update the New Canadian Tour program to reflect the needs of the newcomer communities in Richmond.	Short term	Completed
	24. Develop and implement City and Community Associations and Societies programs and services that enhance positive social and intercultural connections, as appropriate, within and among Richmond's diverse cultural, ethnic and religious populations.	Short term	Ongoing
	25. Strengthen relationships with various cultural and ethnic communities in order to integrate their arts, cultural and heritage practices into the City's programs and events.	Short term	Ongoing
	26. Work with immigrant-serving agencies and Community Associations and Societies to reduce barriers for new immigrants to participate in programs and services at City facilities.	Short term	Ongoing
	27. Consult and seek opportunities for collaboration with the diverse cultural, ethnic and faith organizations in Richmond to gain a better understanding of the needs of Richmond's population and ensure there are a variety of services available in the community.	Medium term	Ongoing



City of Richmond

Bylaw 10368

REVENUE ANTICIPATION BORROWING (2022) BYLAW NO. 10368

The Council of the City of Richmond enacts as follows:

1. Council shall be and is hereby empowered and authorized to borrow upon the credit of the City, from a financial institution, a sum not exceeding \$21,500,000 at such times as may be required.
2. The form of obligation to be given as acknowledgement of the liability shall be \$15,000,000 in the form of standby letters of credit, demand promissory notes or bank overdraft, \$4,500,000 in the form of leasing lines of credit, and \$2,000,000 in the form of commercial credit card facility.
3. All unpaid taxes and the taxes of the current year (2022) when levied or so much thereof as may be necessary shall, when collected, be used to repay the money so borrowed.
4. Revenue Anticipation Borrowing (2021) Bylaw No. 10270 is hereby repealed.
5. This Bylaw is cited as **“Revenue Anticipation Borrowing (2022) Bylaw No. 10368”**.

FIRST READING

APR 11 2022

SECOND READING

APR 11 2022

THIRD READING

APR 11 2022

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept.
VN
APPROVED for legality by Solicitor
BRB

MAYOR

CORPORATE OFFICER



**Development Permit Panel
Wednesday, April 13, 2022**

Time: 3:30 p.m.

Place: Remote (Zoom) Meeting

Present: Cecilia Achiam, General Manager, Community Safety, Acting Chair
Milton Chan, Director, Engineering
James Cooper, Director, Building Approvals

The meeting was called to order at 3:30 p.m.

Minutes

It was moved and seconded

That the minutes of the meeting of the Development Permit Panel held on March 16, 2022 be adopted.

CARRIED

1. DEVELOPMENT VARIANCE PERMIT 20-918782
(REDMS No. 6860629)

APPLICANT: Land to Sky Construction Ltd.

PROPERTY LOCATION: 6560 Granville Avenue

Development Permit Panel

Wednesday, April 13, 2022

INTENT OF DEVELOPMENT VARIANCE PERMIT:

Issue a Development Variance Permit which would vary the provisions of Richmond Zoning Bylaw 8500 on proposed Lot B to:

1. Reduce the rear yard setback requirement from 6.0 m to 1.7 m to facilitate on-site tree retention; and
2. Permit the required private outdoor space to be located in the front yard instead of the rear yard.

Applicant's Comments

Ivan Chen, Land to Sky Construction Ltd., with the aid of a visual presentation (attached to and forming part of these minutes as Schedule 1) provided background information on the subject development variance permit application, noting that (i) the subject property is being rezoned to subdivide the existing lot into two new lots, (ii) the two existing trees in the front yard will be retained, (iii) the proposed variances to Lot B would facilitate the retention and protection of the two existing trees, (iv) the footprint of the proposed building on Lot B will be shifted to accommodate the tree protection zone for the existing trees to be retained, and (iv) as a result, the private outdoor space will have to be relocated to the front yard, which is the subject of a proposed variance.

Staff Comments

Wayne Craig, Director, Development, noted that (i) the retention and protection of the two existing trees on the site was identified at the rezoning process, (ii) the two proposed variances are consistent with the information and recommendation at the rezoning and public hearing process, and (iii) staff support the applicant's efforts to retain the two existing trees.

Panel Discussion

Discussion ensued with regard to redesigning the roof form in the front elevation to provide more visual interest. As a result of the discussion, staff were directed to work with the applicant to investigate opportunities to redesign the lower roof form in the front elevation, e.g. introduce variation in roof height and/or explore a combination of gable and hip roof, prior to the application moving forward for Council consideration.

In reply to queries from the Panel, Mr. Craig noted that (i) the roof of the attached garage could not be converted into a patio in the future as there is no access to the garage roof, (ii) the garage must be constructed in accordance with the plans approved by Council via the Development Variance Permit, and (iii) the proposed setback for the garage from the rear lane is consistent with the existing setbacks of garages of newer developments along the lane.

Gallery Comments

None.

Development Permit Panel

Wednesday, April 13, 2022

Correspondence

None.

Panel Discussion

The Panel expressed support for the application, noting that (i) it supports the applicant's efforts to retain the two existing trees on the site, and (ii) the subject development, including the proposed redesign of the roof form in the front elevation, would be a welcome addition to the neighbourhood.

Panel Decision

It was moved and seconded

That a Development Variance Permit be issued which would vary the provisions of Richmond Zoning Bylaw 8500 on proposed Lot B to:

- 1. reduce the rear yard setback requirement from 6.0 m to 1.7 m to facilitate on-site tree retention; and*
- 2. permit the required private outdoor space to be located in the front yard instead of the rear yard.*

CARRIED

2. DEVELOPMENT PERMIT 20-918785

(REDMS No. 6829767)

APPLICANT: Sandeep Kaur Sidhu

PROPERTY LOCATION: 10651 Swinton Crescent

INTENT OF DEVELOPMENT PERMIT:

1. Permit the construction of a granny flat at 10651 Swinton Crescent on a site zoned "Single Detached with Granny Flat or Coach House- Edgemere (RE1)"; and
2. Vary the provisions of Richmond Zoning Bylaw 8500 to reduce the minimum rear yard setback for at least 35% of the rear façade of the granny flat from 3.0 m to 1.2 m.

Applicant's Comments

Navtej Dhot, Astonish Design and Detailing Ltd., with the aid of a visual presentation (attached to and forming part of these minutes as Schedule 2), reviewed the granny flat's site plan, building architecture, floor plan, and landscaping, highlighting the following:

- the proposed single-storey granny flat includes among others, a kitchen, bedroom and full bathroom and is intended for rental or dwelling for a caregiver;

3.

Development Permit Panel

Wednesday, April 13, 2022

- the entrance to the granny flat is located on the north elevation and not facing the rear lane;
- a covered patio is provided at the entrance to the granny flat;
- an outdoor surface parking space is provided for residential and visitor parking;
- a patio which wraps around the granny flat building provides outdoor private space; and
- proposed landscaping includes among others, permeable pavers, two new trees, and small and large shrubs.

Staff Comments

Wayne Craig, Director, Development, noted that the subject development permit application is specific to the granny flat as a development permit is not required for the principal dwelling. He added that the proposed rear yard variance is supported by staff as (i) the intent to ensure visual interest and relief for the granny flat along the lane frontage has been met given the short length of the building and (ii) the applicant has committed to achieve BC Energy Step Code 4 for the granny flat building, which is higher than the minimum requirement.

Panel Discussion

Discussion ensued with regard to (i) enhancing the proposed landscaping for the outdoor private space for the granny flat to provide shading, (ii) incorporating architectural elements on the north elevation of the granny flat building to create a front entry feel and welcoming character, (iii) enhancing the landscaping for the front porch/veranda to create an entry space into the granny flat, (iv) consistency between the roof plan and rear/lane elevation drawing, and (v) variation of exterior cladding materials on the west elevation facing the principal dwelling to create visual interest.

As a result of the discussion, staff were directed to work with the applicant to investigate opportunities to (i) incorporate a small tree on the south side of the property, (ii) install a window on the north elevation of the granny flat building, (iii) provide additional landscaping for the front porch/veranda, (iv) ensure consistency between the roof plan on the bay window element and the drawing on the rear/lane elevation, and (v) provide variation of exterior cladding materials on the west elevation of the granny flat building.

Gallery Comments

None.

Correspondence

None.

Development Permit Panel
Wednesday, April 13, 2022

Panel Decision

It was moved and seconded

That a Development Permit be issued which would:

1. *permit the construction of a granny flat at 10651 Swinton Crescent on a site zoned “Single Detached with Granny Flat or Coach House- Edgemere (RE1)”;* and
2. *vary the provisions of Richmond Zoning Bylaw 8500 to reduce the minimum rear yard setback for at least 35% of the rear façade of the granny flat from 3.0 m to 1.2 m.*

CARRIED

3. Date of Next Meeting: April 27, 2022

4. Adjournment

It was moved and seconded

That the meeting be adjourned at 3:54 p.m.

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Development Permit Panel of the Council of the City of Richmond held on Wednesday, April 13, 2022.

Cecilia Achiam
Acting Chair

Rustico Agawin
Committee Clerk



City of Richmond

Report to Council

To:	Richmond City Council	Date:	April 11, 2022
From:	John Irving Chair, Development Permit Panel	File:	DP 19-862430
Re:	Development Permit Panel Meeting Held on September 15, 2021		

Staff Recommendation

That the recommendation of the Panel to authorize the issuance of a Development Permit (DP 19-862430) for the property located at 8011 Leslie Road, be endorsed and the Permit so issued.

John Irving
Chair, Development Permit Panel
(604-276-4140)

WC/SB:blg

Panel Report

The Development Permit Panel considered the following item at its meeting held on September 15, 2021.

DP 19-862430 – CSC INTERIOR SERVICES – 8011 LESLIE ROAD
(September 15, 2021)

The Panel considered a Development Permit (DP) application to permit renovations to the existing building on a site zoned “Auto Oriented Commercial (CA)”. Variances are included in the proposal for reduced minimum side yard setback, to permit two small vehicle parking spaces, to not provide an on-site loading space, and for reduced parking setbacks from side and rear lot lines.

Architect, Linda Valter, provided a brief presentation, noting that: (i) the proposed changes to the existing building are for conversion from office to hotel uses; (ii) there will be two additions under the building however, there will be no changes to the existing building footprint; (iii) existing windows will be rearranged and reduced in size; (iv) business signage will be installed on the front (i.e., south elevation) of the hotel building; and (v) three Japanese Maple trees will be planted in the front yard setback.

Staff reviewed the proposed variances, noting that staff support these variances as: (i) the majority of the proposed variances are a result of existing conditions in the site; (ii) the provision of two small parking spaces underneath the building would provide more on-site parking spaces; (iii) the proposed loading area for the site does not meet the technical requirements for a medium-size loading area in the Zoning Bylaw however, the City’s Transportation Department had reviewed and supported the proposed loading arrangement and noted its functionality for the intended use of the building; (iv) the proposed landscape setbacks are an improvement to the existing conditions; and (v) no landscaping is proposed along the north property line due to its interface with the service lane of the adjacent development.

In reply to Panel queries, Linda Valter noted that: (i) no exterior lighting is proposed along the east and west sides of the building; (ii) low-growth planting is proposed along the landscaped area on the west property line as it is located on an existing City utility corridor; (iii) the existing exterior cladding on the building elevations will be retained; (iv) the new windows will be of the same material as the existing windows that will be replaced; and (v) on-site vehicle and bicycle parking is provided.

Discussion ensued regarding the size of trees proposed to be installed in the front yard setback. As a result of the discussion, staff was directed to work with the applicant for the choice of appropriate tree species to be planted that could grow taller and provide more canopy and shading.

The Panel then expressed support for the project, noting the improvement on the quality of the presentation materials provided by the applicant.

No correspondence was submitted to the meeting regarding the application.

Subsequent to the meeting, the applicant revised the landscape design in response to the Development Permit Panel comments to include a Big Leaf Maple tree, Nootka Cypress tree and Pacific Dogwood tree instead of the previously proposed three Japanese Maple trees, which together will provide increased canopy and shading.

The Panel recommends the Permit be issued.