



City of Richmond

Report to Committee

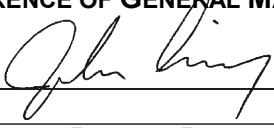


To: Public Works and Transportation Committee **Date:** March 16, 2022
From: Suzanne Bycraft
Director, Public Works Operations **File:** 10-6370-01/2022-Vol
01
Re: **Recycling and Solid Waste Management – Report 2021: Rethink Waste to
Support a Circular Economy**

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.

Contents

1.0	Annual Outlook	3
1.0	Let's Rethink Waste	5
1.1	2021 Top Accomplishments	6
1.2	Setting Goals	8
1.3	Setting Business Up for Success	9
2.0	Tracking Our Progress	11
2.1	Diversion Statistics	12
2.2	Outreach and Customer Service Statistics	20
3.0	Programs and Services	27
3.1	Program and Service Overview	28
3.2	Blue Box and Blue Cart Programs	30
3.3	Green Cart Program	36
	Yard Trimmings Drop-off	39
3.4	Garbage Cart Program	40
3.5	Richmond Recycling Depot	42
	Depot Map	44
3.6	Large Item Pick Up Program	46
3.7	Public Spaces Programs	48
3.8	Outreach and Customer Service	50
4.0	Tips and Resources	53
4.1	Community Resources and Partnerships	54
4.2	Banned and Hazardous Materials	56
4.3	Recycling and Disposal Directory	58



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.

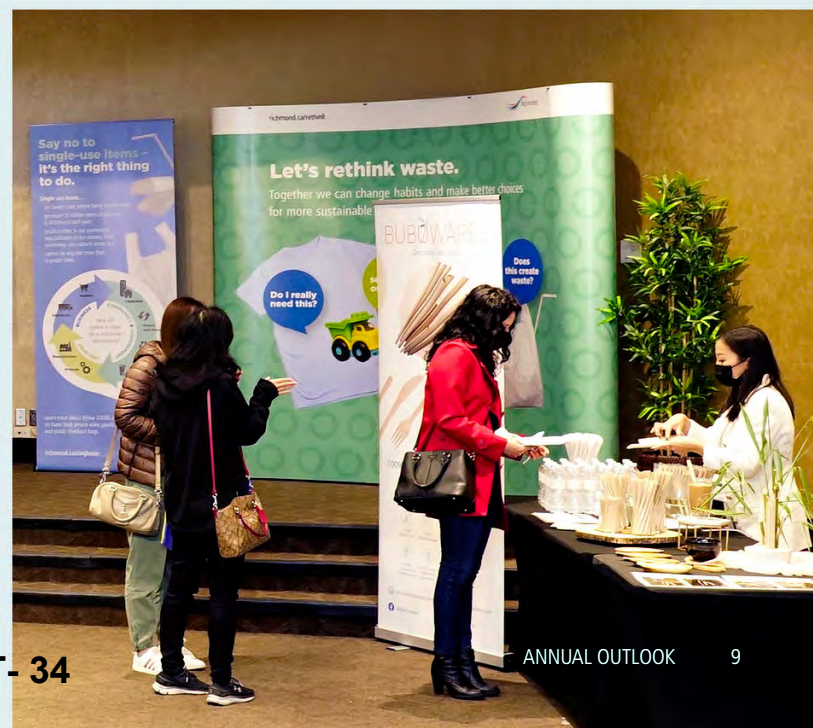
The City also hosted three open houses at local malls to make it easier for retail and restaurant vendors to participate. As well, staff completed door-to-door visits at 187 businesses in 2019 and attended two Richmond Chamber of Commerce Business-to-Business events.

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.

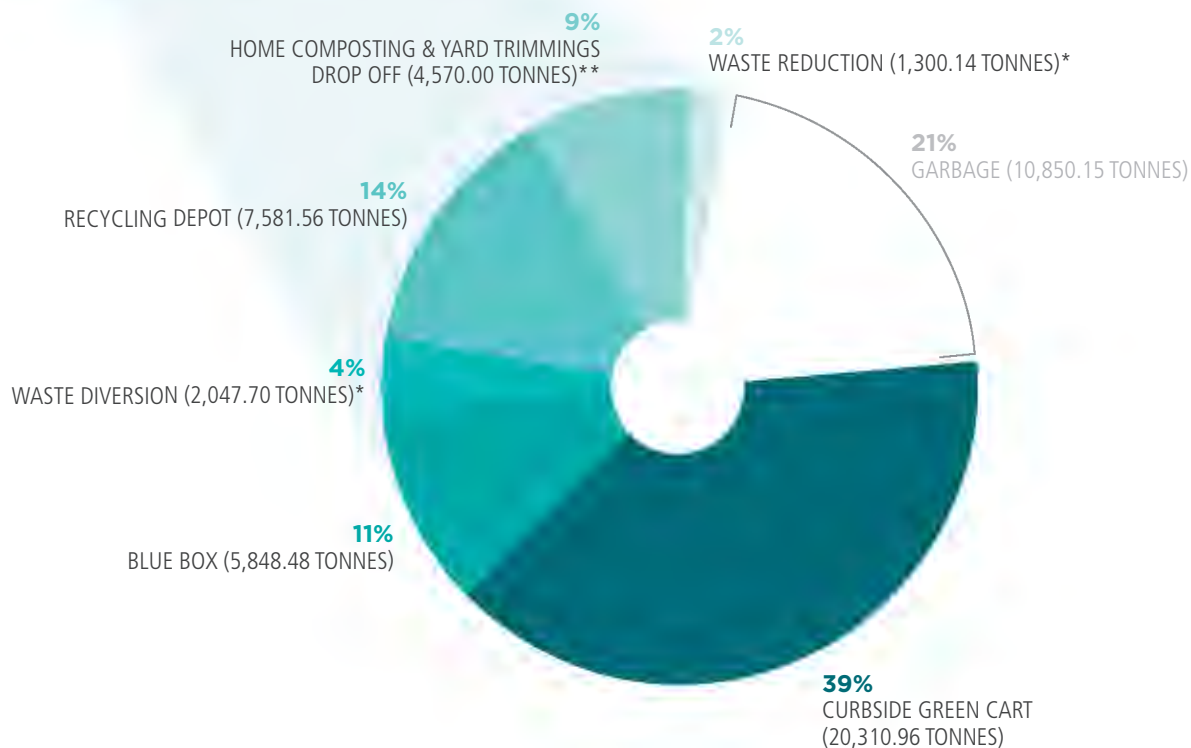
79.3%

**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.

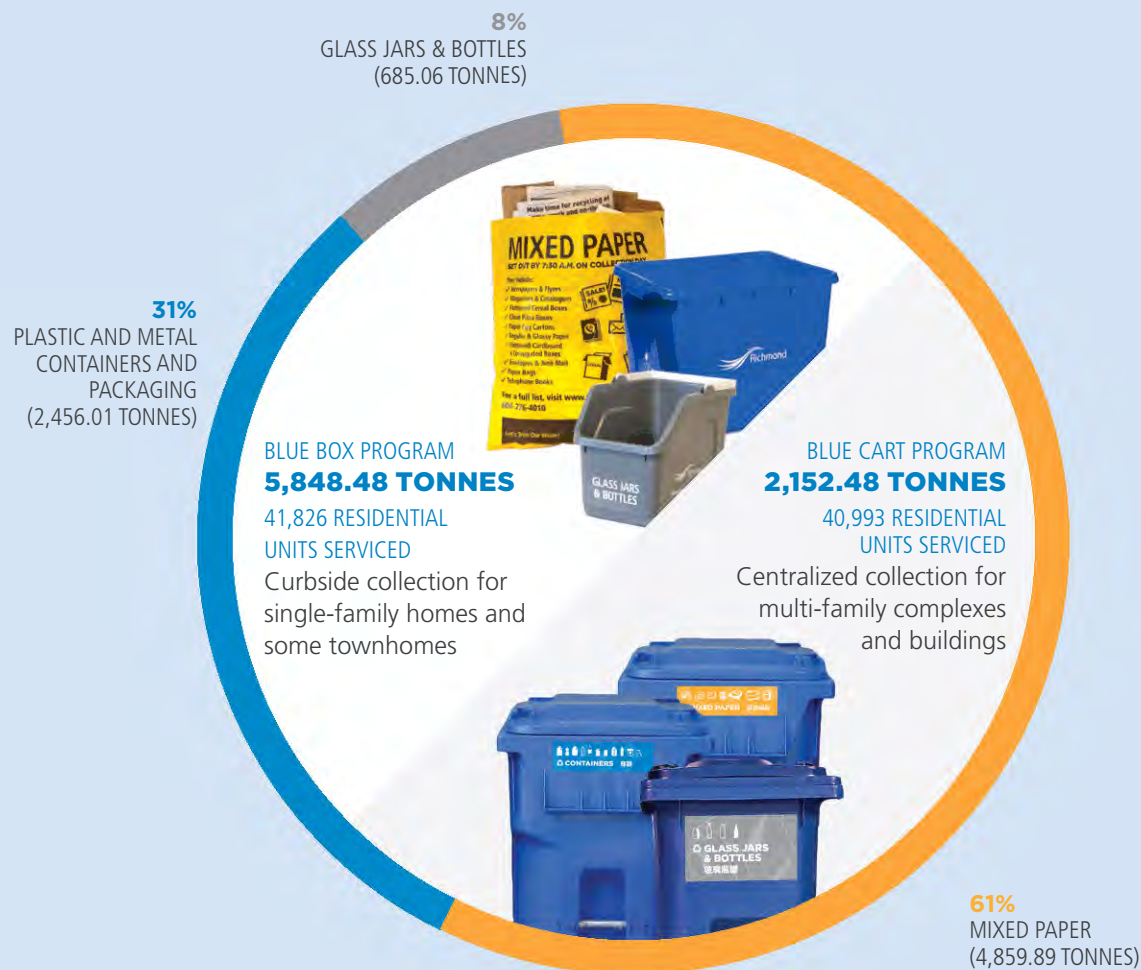


* Estimated

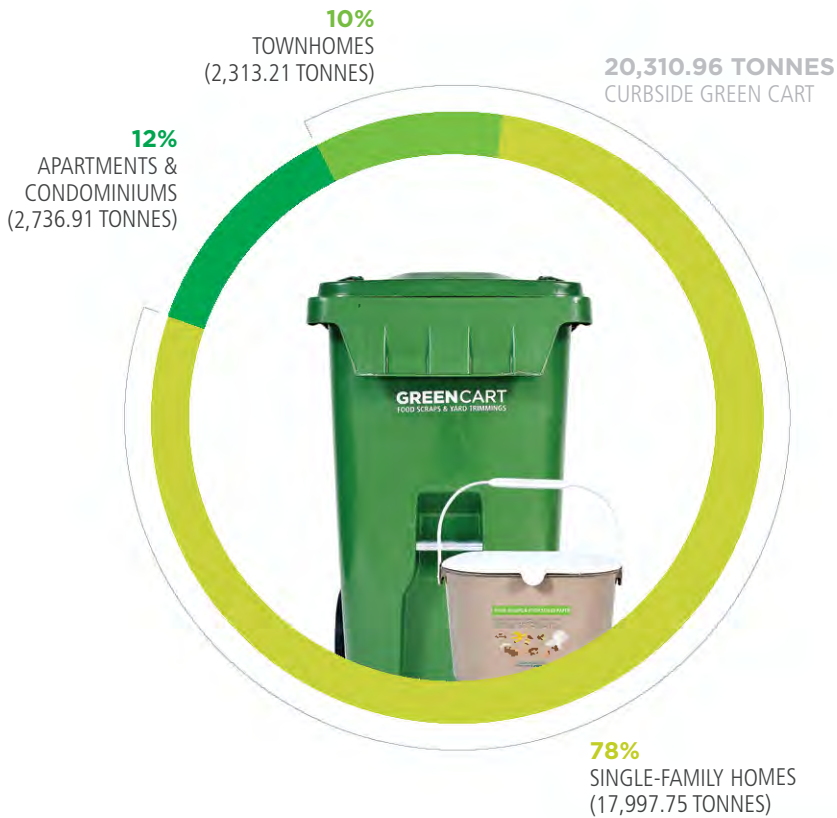
** Includes estimates for home composting, tree chipping and leaf drop-off programs.

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.

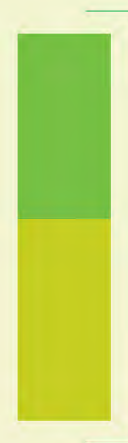
72,600 residential units received weekly collection in 2021.

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

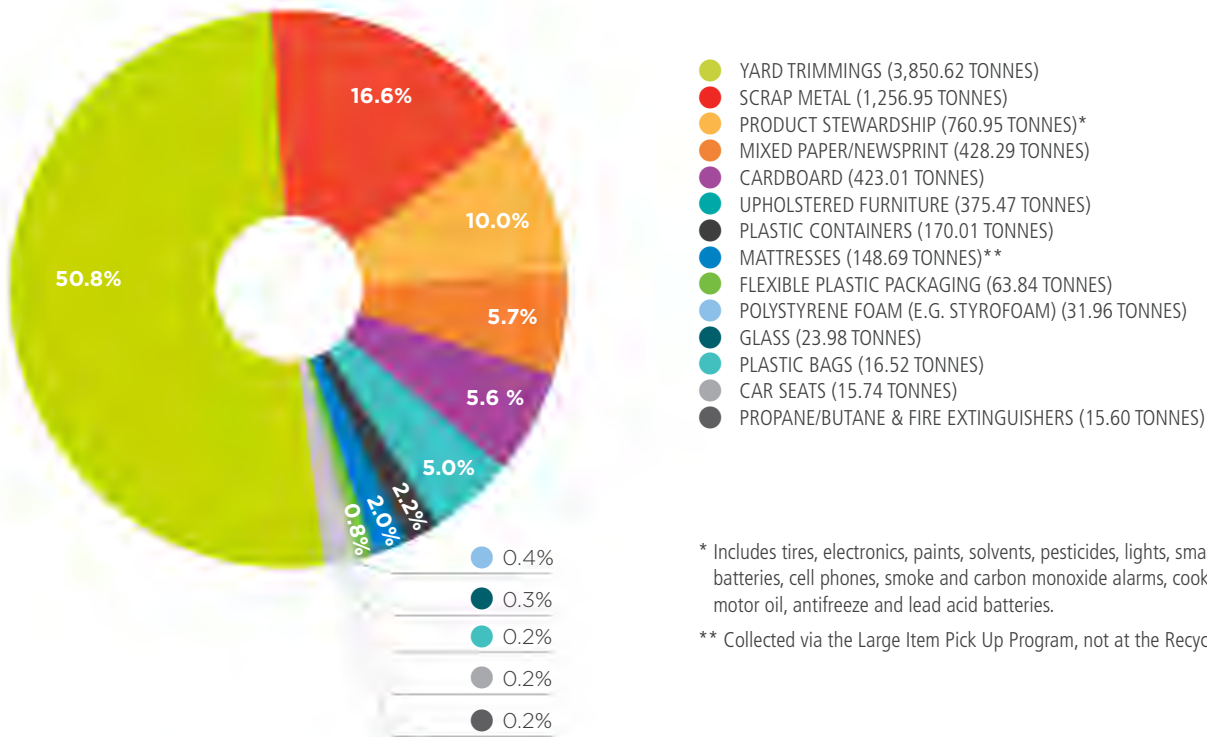
RICHMOND
RECYCLING DEPOT
3,850.62 TONNES

TOTAL
7,420.62 TONNES

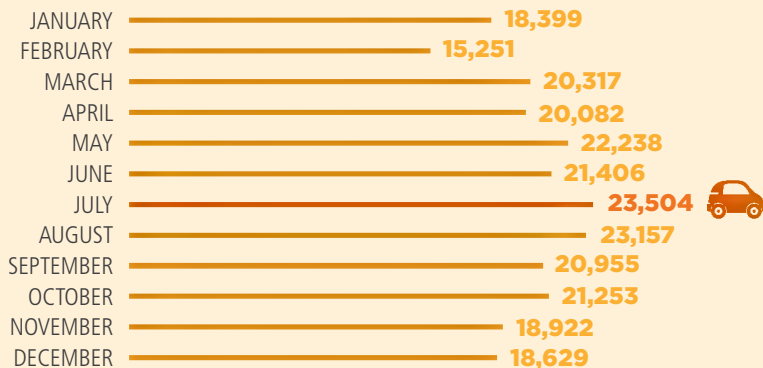


MATERIALS COLLECTED AT THE RICHMOND RECYCLING DEPOT

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

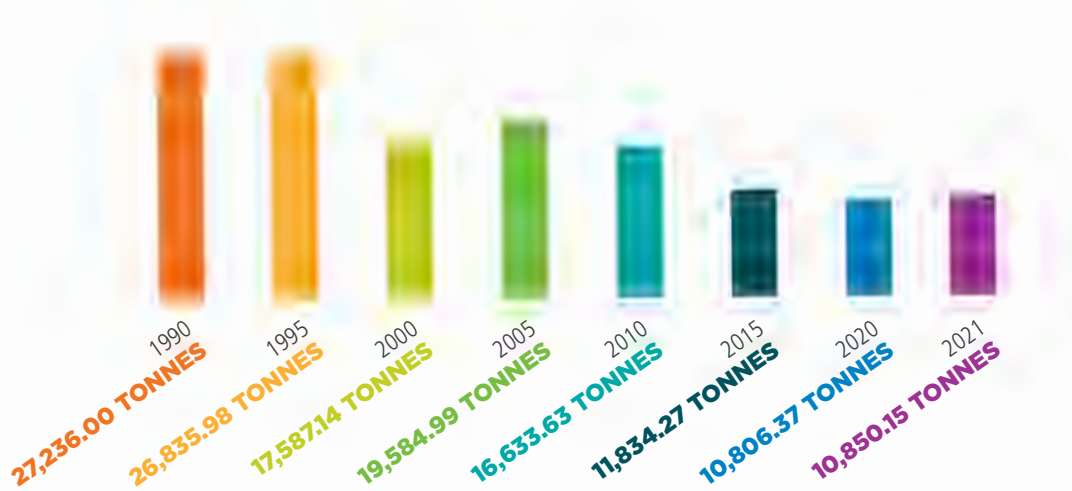
6,242

NON-RECYCLABLE HOUSEHOLD ITEMS COLLECTED
FOR SAFE HANDLING AND DISPOSAL

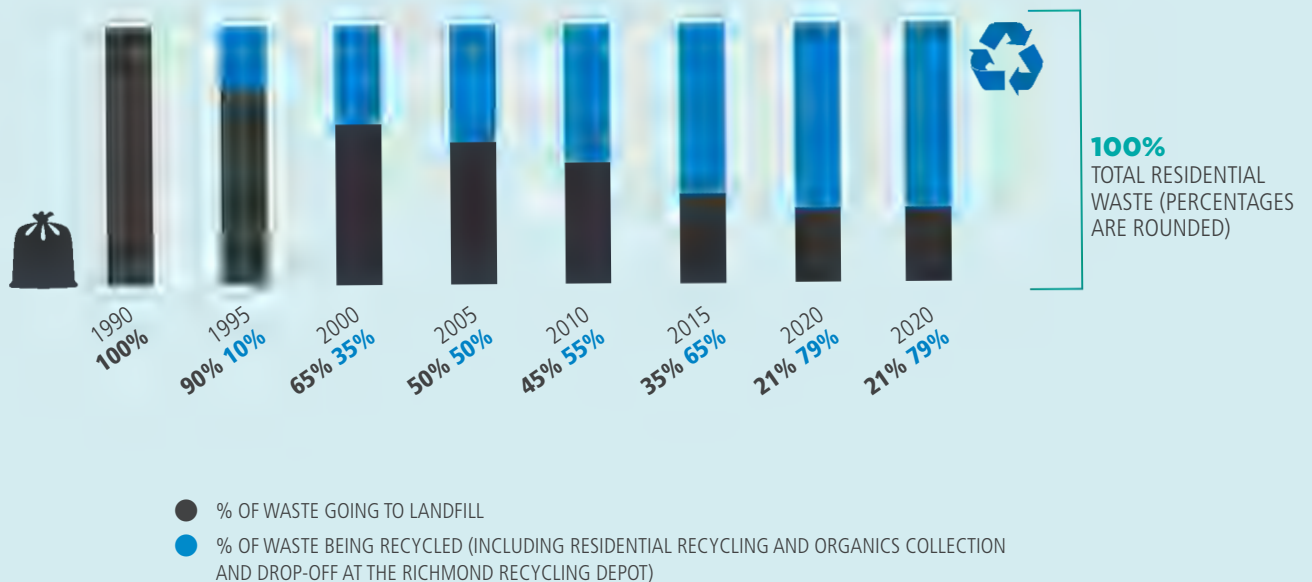
FROM GARBAGE DISPOSAL TO DIVERSION

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**.

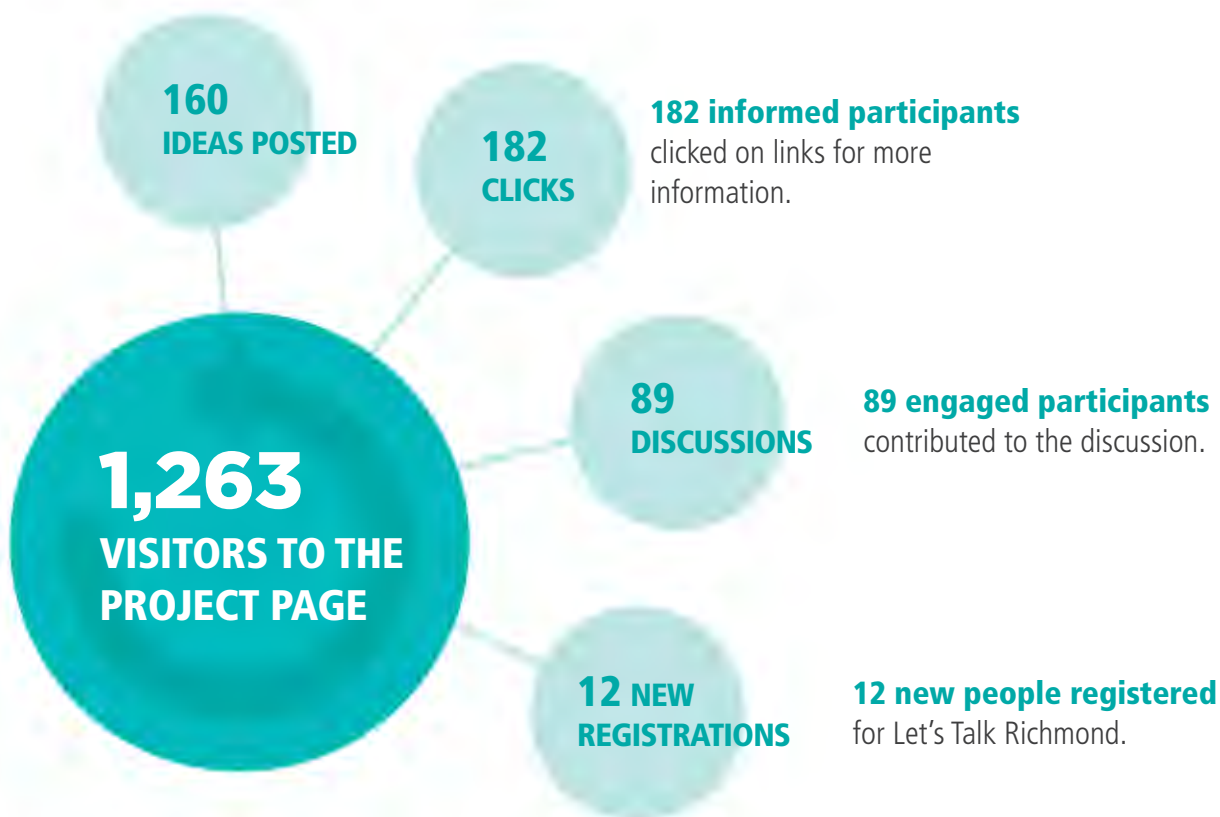
In spite of COVID restrictions limiting in-person outreach, the City **pivoted to expand virtual engagement**.

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.

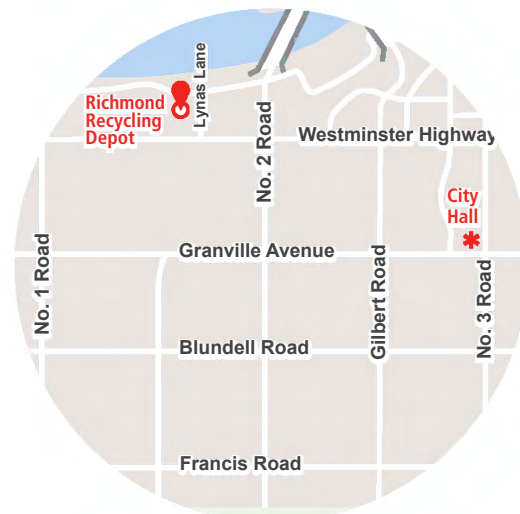
The Recycling Depot is owned and operated by the City of Richmond, with both full-time staff and additional staff support as needed to manage increased recycling volumes. Staff on site are available to answer questions and provide assistance with unloading awkward or heavy items.

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




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.

4 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

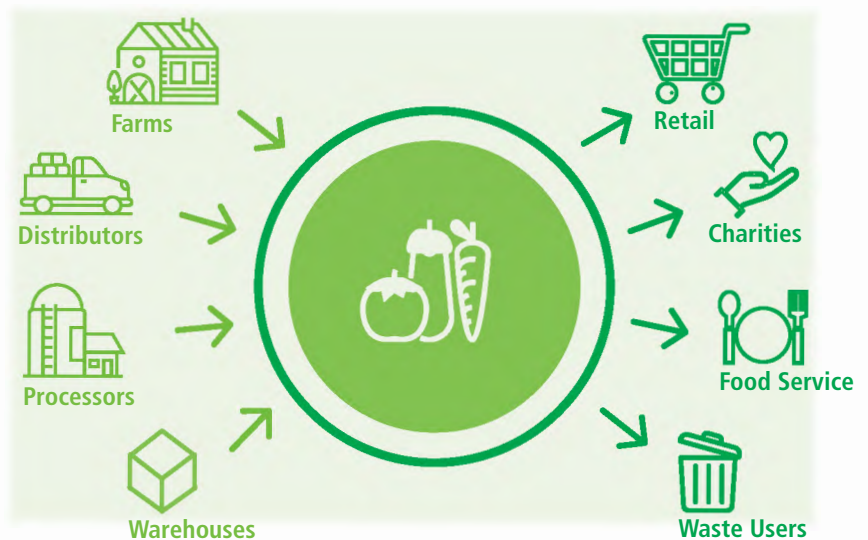
Monday to Friday, 9 a.m. to 4 p.m.
604-RECYCLE (604-732-9253)
hotline@rcbc.bc.ca

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 metrovanancouver.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



Printed on Rolland Enviro Print, which contains 100% post-consumer recycled fibre, is FSC Certified and is acid and elemental chlorine free.