



City of Richmond

Report to Committee

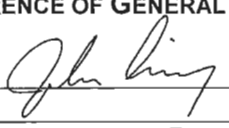

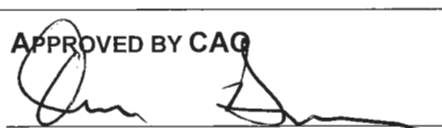
To: Public Works and Transportation Committee **Date:** June 7, 2021
From: Suzanne Bycraft
Interim Director, Public Works Operations **File:** 10-6370-01/2021-Vol 01
Re: **Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery**

Staff Recommendation

That the annual report titled, “Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery” dated June 7, 2021, from the Interim Director, Public Works Operations, be endorsed and 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
Interim Director, Public Works Operations
(604-233-3338)

Att. 1

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

Staff Report

Origin

This report highlights the City’s success in maintaining essential waste management services in spite of challenges stemming from COVID-19 and presents the City’s annual progress toward sustainable waste management to support a circular economy as outlined in the attached “Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery.”

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

The City’s Sustainability Framework and vision for a circular economy involves maximizing the value of resources by design, through responsible consumption, minimizing waste and reimagining how resources flow in a sustainable, low carbon economy. To support this vision, the City provides a range of reduction, recycling and waste management services to residents, making it easy for materials to be re-used and recycled multiple times into new products. To promote involvement and utilization of these services, the City has an extensive range of communication and outreach initiatives to raise awareness and engage citizens.

In 2020, thanks to seamless service delivery during the pandemic, Richmond residents continued to recycle and reduce waste. “Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery” (the Report) presents the City’s annual progress update (Attachment 1). The Report summarizes Richmond’s measures to deliver its full range of services safely and highlights the major renovation of the Recycling Depot. The Report also includes detailed program information, insights into upcoming initiatives and a comprehensive tips and resources section.

2020 Highlights

The Report highlights Richmond's responsible leadership to take quick action to implement measures to help ensure services would continue without interruption while also keeping front-line workers safe. In addition to delivering seamless service, the City completed a major renovation of the Richmond Recycling Depot, increased the number of items accepted, implemented its Food Recovery Network Program, and continued to see increased recycling and waste diversion.

Report 2020 Overview

The 2020 Report contains four sections – the first two sections provide an overview of the past year, including highlights for 2020, details and statistics on the City's waste management programs and services, and key planned initiatives for 2020. 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 2020, including:

- The City completed a major renovation of the Richmond Recycling Depot and expanded the list of accepted items to include baby car seats, automotive batteries and fire extinguishers. The Recycling Depot remained opened and fully operational during the upgrade. It was extremely busy that the volume of materials accepted exceeded last year's volume by about 1,300 tonnes.
- The City provided continuous and uninterrupted recycling and waste management services despite the challenges presented by COVID-19. Key measures taken to ensure service continuity included measures to keep front line workers safe, public communications to promote proper handling of waste hygiene materials, and addressing increased volumes of materials due to work from home trends.
- Richmond's *Single Use Plastic and Other Items Bylaw No. 10000* was approved by the provincial government, and staff continued to monitor decisions and actions by the federal and provincial government as well as industry activities as part of assessing and planning for how to support business when the bylaw is implemented in 2021.
- The City completed its Food Recovery Network Pilot Program to bring together local food businesses with charities and farmers into a connected and efficient food system. The pilot results far surpassed expectations.
- In response to health and safety restrictions, the City adjusted its outreach to begin implementing online workshops and the development of a virtual video tour of the Recycling Depot.

Of note during 2020 was the appreciation expressed by the public toward sanitation front line workers who were continuing to provide essential services during the pandemic. Many thank you notes and chalk drawings were found expressing thanks for continued and consistent delivery of the City's waste management services.

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 for each program show their contribution to residents in single-family homes achieving 79.3% waste diversion.

Through the Green Cart programs, residents diverted 24,280.81 tonnes of food scraps and yard trimmings from the landfill. The residential Blue Box and Blue Cart programs diverted 8,279.35 tonnes of recyclable material, while the Richmond Recycling Depot captured a total of 5,956.29 tonnes of materials. The Large Item Pick Up program completed 13,872 service requests, equating to 933 tonnes of materials collected (19,140 items collected) – 709 tonnes of which were recycled. Through outreach and customer service, staff assisted residents with 16,177 customer service calls, garbage bins were inspected 12,153 times per month and serviced 16,911 times per month, for a combined 348,773 bin visits per year. This timely and consistent collection was especially important due to contaminated items like masks, gloves and tissues being disposed in public bins. The Richmond Recycling app and its Recycling Wizard service continue to provide enhanced service, with 15,396 active collection reminders and 60,664 Recycling Wizard searches.

The Food Recovery Network Pilot exceeded expectations in almost all areas with 59 participating organizations, 414,555 kg of food diverted, 644,800 meals created, \$2.2 million saved and 17,532 kg of food for animal feed.

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 and hazardous 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 2021 will include:

- Subject to timing impacts associated with COVID-19, work with businesses and the community to implement the *Single-Use Plastic and Other Items Bylaw No. 10000* and continue to raise awareness about the issue of single-use plastic and better options that help reduce waste.

- Continue providing enhanced service at the Richmond Recycling Depot by expanding operational days to seven days a week (in effect January 2, 2021).
- Launch a Recycling Depot ‘virtual tour’ video on Earth Day (www.richmond.ca/depot).
- Create a virtual Repair Fair to promote repair and reuse in the community.
- Subject to timing impacts associated with COVID-19, complete a detailed review and scope assessment related to enhanced recycling options for the commercial sector.
- Continue annual updates to the Illegal Dumping Overview and Strategy as part of moving towards innovative approaches to mitigate illegal dumping in the City.

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 potentially material audits.

Opportunities to pursue new initiatives relating to plastic waste and circular economy concepts will also be evaluated, with pilot projects undertaken where feasible (e.g. sea bin technology, etc.).

Proposed Communication

Subject to Council’s direction, “Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery” 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 “Annual Report 2020: Recycling and Solid Waste Management – Safe and Seamless Service Delivery”, the City is providing its residents with an annual progress report on 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.

June 7, 2021

- 6 -



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

SJB:lh

Att. 1: City of Richmond Recycling and Solid Waste Management Report 2020 - Safe and Seamless Service Delivery

City of Richmond Recycling and Solid Waste Management

REPORT 2020

SAFE AND SEAMLESS SERVICE DELIVERY





The globe at popular Larry Berg Flight Path Park reminds us of our place in the world and the broad impact Richmond can achieve through its sustainability efforts.

Charting Our Path Toward a Sustainable Community

Every department and business unit at the City of Richmond is, in some way, involved in our community and the global effort to be more sustainable and reduce environmental impacts. To support this mandate, the City is striving to be a sustainable and healthy island community that meets the needs of the present without compromising the ability of future generations to meet their own needs. It is a place where people live, work, and prosper in a welcoming, connected, accessible and vibrant environment.

In Richmond, the health of the community is sustained through participation in activities that support long-term economic, social and environmental well-being.

Sustainable waste management is integral to achieving this vision and supporting a circular economy, where the materials we buy are used, reused and recycled multiple times into new products to reduce reliance on raw materials.

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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.

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.



SAFE AND SEAMLESS SERVICE DELIVERY

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1.0

Annual Outlook

Success stories in 2020 included seamless service delivery, safe front-line workers and a major renovation at the Recycling Depot.

During 2020, the City of Richmond continued to provide uninterrupted services like curbside and centralized collection, large item pick up and litter management, and the Recycling Depot remained fully operational – even while undergoing a major renovation.

This was achieved despite the challenges presented by the COVID-19 pandemic, which required the implementation of measures to keep front-line workers safe to maintain ongoing high quality service for residents. A communications strategy was developed to promote proper preparation of hygiene materials by residents and processes put in place for the handling of increased volumes of waste and recycling generated by the surge in individuals working from home. This was particularly true for the City's Recycling Depot, which experienced more than a 30 percent increase in the volume of materials received.

Since its opening in 1993, the Recycling Depot has consistently expanded the types of items accepted as part of its free drop-off service for Richmond residents. As the list of accepted items continued to increase, it became evident that the site needed to be reorganized and renovated to make room for new materials and provide for efficient collection. This renovation work took place between June and October, and significant improvements were incorporated. (See *Renovating the Recycling Depot* on page 9.) With these improvements, the City has created one of the largest one-stop recycling centres in the region to make it even easier and more convenient for residents to recycle household items.

LET'S RETHINK WASTE

It's time to rethink waste to help shift to a circular economy, where the materials we use stay in circulation to be used, reused and recycled multiple times into new products.

The City also saw great outcomes to support more sustainable food measures through its Food Recovery Network Pilot Program. Over the pilot period from November 2019 to November 2020, the City collaborated with FoodMesh to build a regional Food Recovery Network, bringing together local food businesses with charities and farmers into a connected and efficient food system. Through the network, businesses with surplus food were able to safely and easily divert that food to those who could put it to good use – whether to charities for meals or farmers for animal feed and compost. The pilot program also included community outreach to raise awareness about the program and how to get involved. The phenomenal results of the program far surpassed expectations. (See *Food Recovery Network* on page 24.)

While the City completed these projects and provided uninterrupted services in many areas, the majority of the regular events and outreach activities like the Richmond Repair Fair, recycling workshops and Recycling Depot tours had to be cancelled when in-person meetings were restricted due to the pandemic. The City adjusted by developing virtual workshops for the community and is exploring how to leverage these tools in the future. As well, the City initiated the creation of a virtual tour video of the newly renovated Recycling Depot.

The City also recognized that businesses were experiencing significant challenges from the restrictions. In response, it postponed two key initiatives – the ban on single-use plastic and a review of commercial recycling – in order to evaluate the impacts of COVID-19 health regulations. In the interim, staff began formulating strategies for ways to set businesses up for success when the initiatives are implemented in 2021.

The *Single-Use Plastic and Other Items Bylaw No. 10000* will ban the use of plastic straws, plastic checkout bags and foam food service ware. The extensive first phase of outreach for Bylaw 10000 wrapped up at the end of 2019, with a goal to move forward following approval by the Ministry of Environment and Climate Change Strategy. In March 2020 (announced in September 2020), Richmond was among the first municipalities to receive provincial government approval of its bylaw to ban single-use plastic. However, local businesses were experiencing significant challenges due to COVID-19 at the time, so a decision was made to postpone the adoption and implementation of Bylaw 10000 to 2021. Staff continued to monitor decisions by the federal and provincial governments on the issue to anticipate how these actions could affect Richmond businesses, and what the City could do to support a successful transition to better options. Looking ahead to 2021, Richmond will continue to implement a comprehensive communications and education program to support businesses in the transition to better options and inform the community about how they can positively impact our environment and help reduce reliance on single-use plastics.

A similar assessment was done to determine the viability of completing the commercial recycling services review. Due to the significant decrease in restaurant and retail business activity, any review of current waste and recycling would not be an accurate reflection of the waste generated with regular business levels. As well, most commercial operators were focused on business continuity measures. Instead, the City focused on how to help position this study to move ahead in 2021.

Both the ban on single-use items and the commercial recycling services review are linked to the City's Sustainability Framework and vision for a circular economy that maximizes the value of resources by design, through responsible consumption, minimizing waste and reimagining how resources flow in a sustainable, low carbon economy. To further support this vision, the City will be implementing a range of community engagement and outreach initiatives in 2021 to help raise awareness about the circular economy, the many recycling options available for residents, and the importance of reducing waste overall. Through its "Let's Rethink Waste" campaign, residents are encouraged to select reusable products, repair household items and share or donate materials rather than dispose of them.

While 2020 was a challenging year, the City was able to maintain its service levels and residents continued to recycle and demonstrate their commitment to diverting waste from the landfill. Looking ahead, the City looks forward to seeing progress towards its goals to ban single-use plastics, reduce waste, recycle correctly and consistently, and support measures that create a more sustainable and healthy community.

HOW RESIDENTS CAN HELP SUPPORT A CIRCULAR ECONOMY

1. STOP

Rethink what you're putting in the garbage. Can it be recycled, donated 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) containers.

3. REUSE

Donate used items in good condition so they can be reused.

4. RECYCLE

Keep food scraps and food-soiled paper out of the garbage, and recycle other materials through City collection services, the Recycling Depot and take-back programs (See page 53).

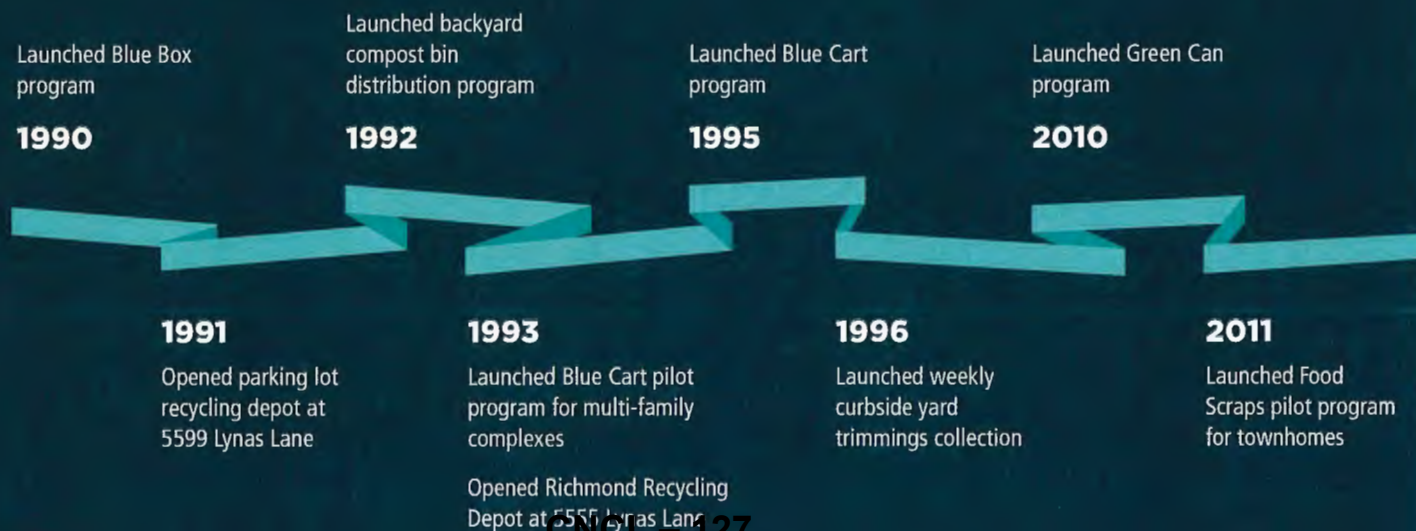
1.1

2020 Top Accomplishments

While focusing on delivering services during the COVID-19 pandemic, the City continued to promote recycling and waste reduction. This report showcases some of the key achievements in 2020, 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.



1 RECYCLING DEPOT RENOVATION

Completed major upgrades at the Recycling Depot to improve convenience, make it easier to navigate, and provide shelter from the weather under the new canopy and a dedicated classroom for our "Let's Recycle Correctly" workshops and outreach.

2 EXPANDED ITEMS

Added new accepted items at the Recycling Depot, including motor oil and antifreeze, smoke and carbon monoxide alarms, fire extinguishers and lead-acid batteries used in vehicles.

3 SINGLE-USE BYLAW APPROVED BY PROVINCE

Received provincial approval of the *Single-Use Plastic and Other Items Bylaw No. 10000*.

4 GREEN AMBASSADOR VIRTUAL PROGRAM

Transitioned to a virtual platform for 7 of 10 symposiums, and supported 4 special events with an estimated 1,135 volunteer hours.

5 COVID-19 SAFETY MEASURES

Undertook measures to protect workers and the public by ensuring social distancing requirements were met while delivering uninterrupted service for the public, including litter collection, solid waste and recycling collection, large item pick up and Recycling Depot services.

6 REDUCED CALENDAR PRINTING

Created an option to allow residents who use the Richmond Recycling app to opt out of mailed collection calendars to reduce printing and postage.

7 VIRTUAL ZERO HEROES

Launched two virtual Planet Protector Academy Zero Heroes: Home Edition workshops that engaged 98 Richmond youth, with a total of 262 participation hours.

8 YOUTH COMPETITION

Supported the Richmond Youth Foundation 2020 Case Competition on single-use items.

9 INTERACTIVE DEPOT MAP

Added an interactive Recycling Depot map on the City's website to make it easy for residents to learn more about what is accepted and the location of recycling areas at the newly renovated facility.

Launched Green Cart program for single-family and townhomes

Launched Large Item Pick Up program

2013

Launched Green Cart program for multi-family complexes

2015

Introduced Single-Use Plastic and Other Items Bylaw

Expanded Large Item Pick Up program

Expanded hours and items accepted at Richmond Recycling Depot

2019

2014

Completed Multi-family Green Cart pilot program

2016

Launched biweekly Garbage Cart program

2020

Renovated Recycling Depot 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. Each goal is designed to make it easy and convenient to recycle and reduce waste in Richmond, as well as creating and promoting opportunities for innovation, partnership and continuous improvement.

1 ENHANCE SERVICE AT RICHMOND RECYCLING DEPOT

Expand operational days at the Richmond Recycling Depot to seven days a week.

2 CREATE VIRTUAL REPAIR FAIR

Work to develop COVID-19 compatible Repair Fair events to promote repair and reuse in the community.

3 SUPPORT SINGLE-USE BYLAW IMPLEMENTATION

Develop and undertake business engagement to advise businesses of the provincial approval for the *Single-Use Plastic and Other Items Bylaw No. 10000* and next steps for implementation, once appropriate amidst COVID-19.

4 RAISE AWARENESS ABOUT SINGLE-USE PLASTIC

Continue to raise awareness about the issue of single-use plastic and the new ban, and leverage federal and provincial actions to strengthen the City's implementation of single-use policy to reduce unnecessary waste.

5 INITIATE COMMERCIAL RECYCLING SERVICES REVIEW

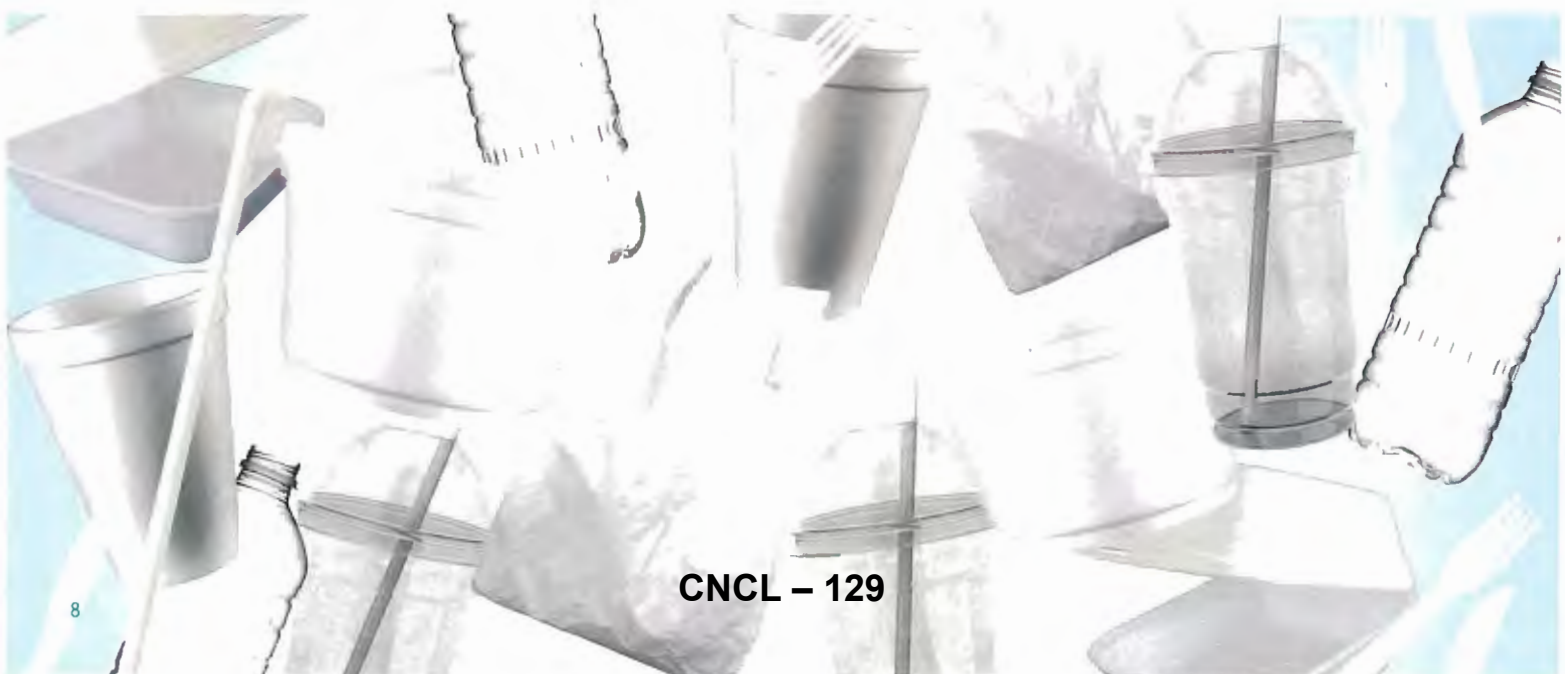
Dependent on COVID-19, undertake a detailed review and scoping exercise to establish enhanced recycling for the commercial sector.

6 UPDATE THE ILLEGAL DUMPING STRATEGY

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

7 COMPLETE DISASTER DEBRIS PLAN

Prepare a Richmond-specific Disaster Debris Management Plan.





1.3 Renovating the Recycling Depot

When Council approved the major renovation at the Richmond Recycling Depot in January 2019, the team thought remaining open would be the biggest challenge during construction. Then a global pandemic hit.

Suddenly, an already complex project became even more difficult, as social distancing and other health safety measures needed to be factored in. But keeping fully operational remained a priority, and throughout the five months of construction, the Richmond Recycling Depot stayed open and served residents without interruption – in spite of countless challenges.

Every day involved an assessment of resident safety in a construction zone. There were open pits and dug out portions of the road that needed to be covered, as well as tripping hazards and large equipment operating in the area. Barricading off areas to keep people out helped, but it was evident that additional staff would also be needed to monitor the site at all times. With COVID-19 restrictions and the need to maintain physical distance, the City also had to limit the number of vehicles in the Recycling Depot. To manage this and provide safe traffic flow, the City added traffic control crews.

Adapting to safety measures turned out to be one of the more straight-forward challenges. Reconfiguring the Depot layout on a regular basis was a logistical conundrum. Depending on where work was taking place, all of the recycling stations in that area had to be relocated to unaffected areas which also meant fitting everything into a fraction of the usual. One particularly memorable relocation was when staff learned that the entire hazardous waste section had to be moved. Originally, the plan was to do it in stages.

Staff had one day to demolish a structure that could not be moved without extensive damage and relocate several bins. With so many moving parts, everyone involved needed to be flexible and go with an “all hands on deck” approach to make sure the Depot stayed open and operational.

It was also soon obvious that the Recycling Depot was going to be busier than ever during the lockdowns. Described as the year when spring cleaning never ended, residents were evidently taking advantage of extra time at home to clean up and clear out clutter. As a result, the Recycling Depot experienced a record-breaking year – exceeding last year’s volume by about 1,300 tonnes.

With the renovations completed, the Recycling Depot is now better organized to allow operational efficiencies, expand accepted items and provide more convenient drop-off areas. The covered centre area provides rain and sun protection, and the new building for hazardous materials is a centralized area for staff to provide assistance while also keeping items like electronics dry. As an added bonus, solar panels on the centre section roof will generate back up power for City operations in the future.

The renovation involved a mix of contractors and City staff from multiple departments to help with construction and project coordination. They stayed even-keeled and focused on good customer service, and residents have expressed their appreciation with kudos like “The staff is very friendly, the Depot is very clean and well organized, and it sounds kind of funny to say, but it’s almost a pleasure to go there” and “Just wanted to send you and the team working at the Recycling Depot big kudos. The organization and set-up of the area is awesome, and so much easier to use. I’ve been using the Depot for the past five years, and it’s sometimes been difficult to follow proper procedure, but now the process is seamless and all of the crew working there are really great to deal with.”



**TOGETHER
WE CAN
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 of how to recycle correctly and consistently. This community engagement was limited in 2020 due to COVID-19 health and safety restrictions; however, other data highlights how residents increased recycling while isolating at home.

The City's reporting also highlights how partnerships help reduce food waste and promote a beautiful, litter-free community.

2.1

Diversion Statistics



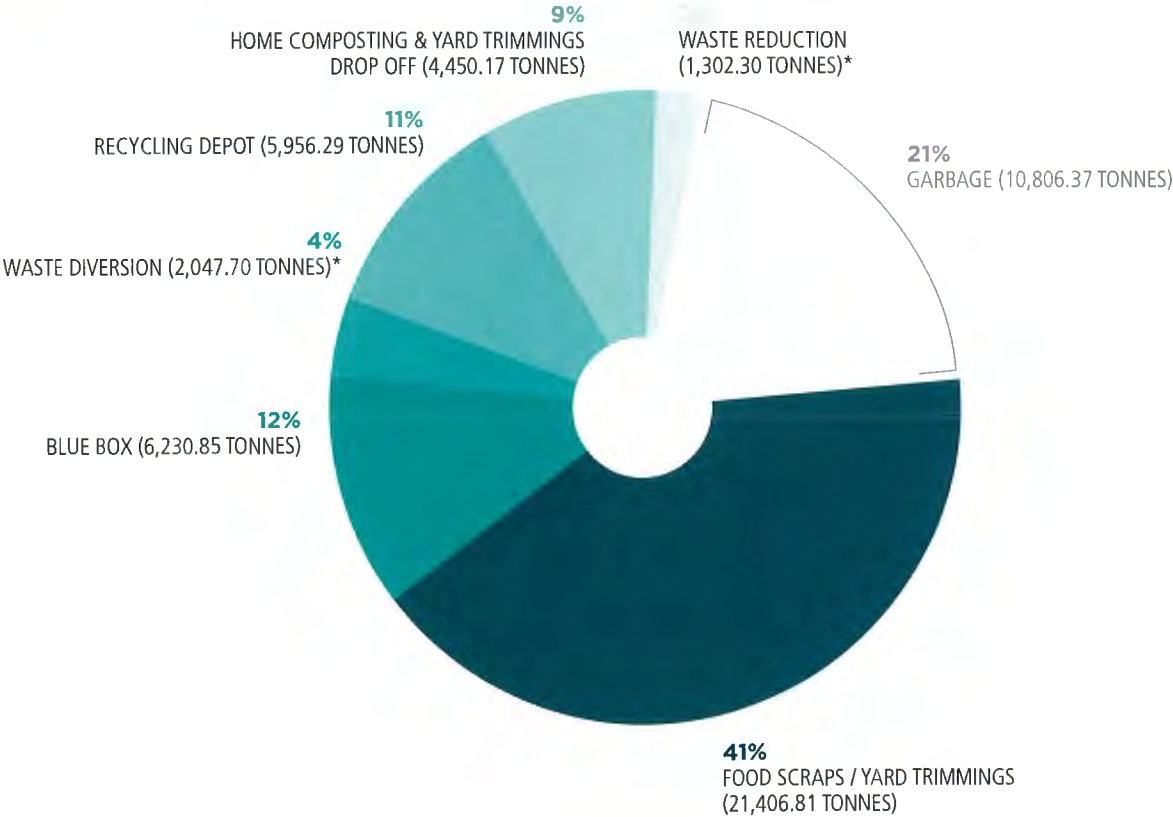
Richmond residents in single-family homes diverted 79.3% of their waste from the landfill in 2020.



SINGLE-FAMILY RECYCLING IN 2020



Residents took advantage of a variety of programs to divert 79.3% of their waste from the landfill in 2020.

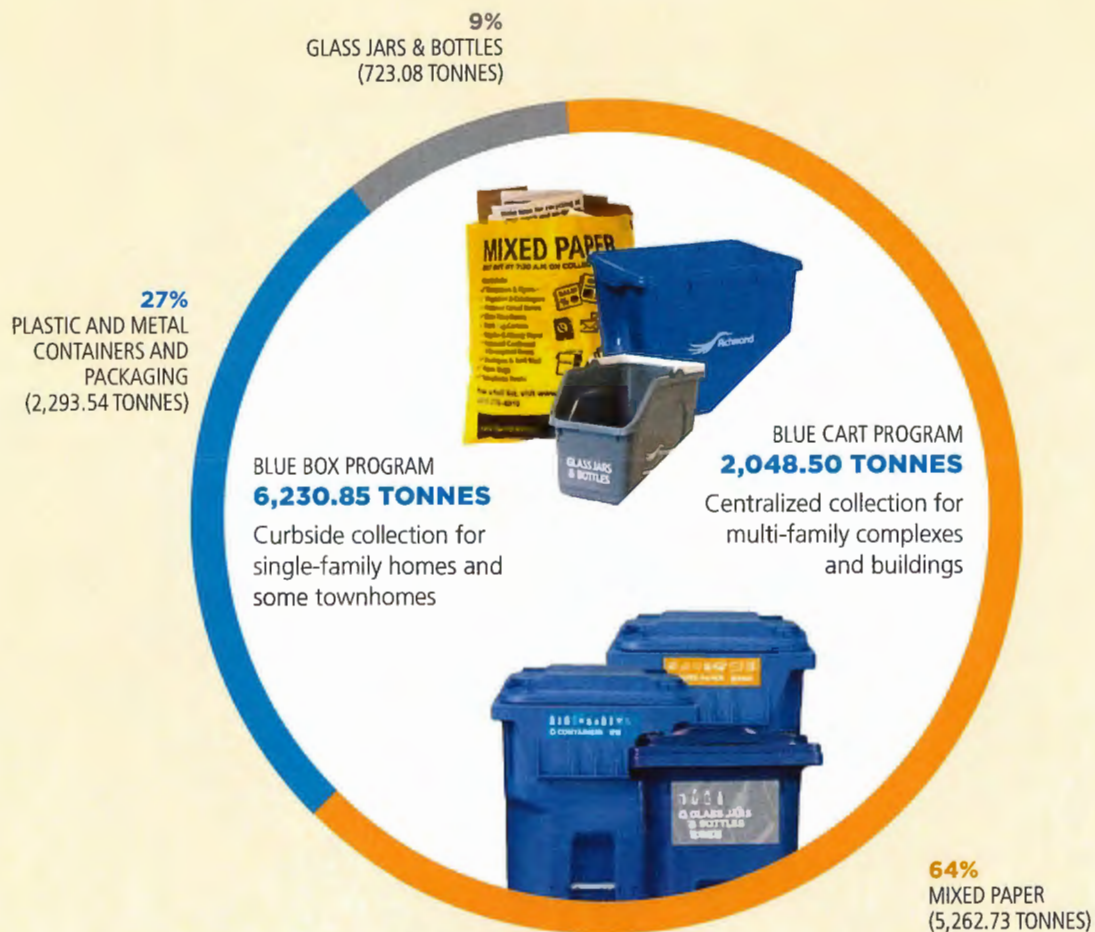


Residents were able to achieve this through a number of recycling and waste reduction opportunities, including curbside and Richmond Recycling Depot collection, as well as composting programs.

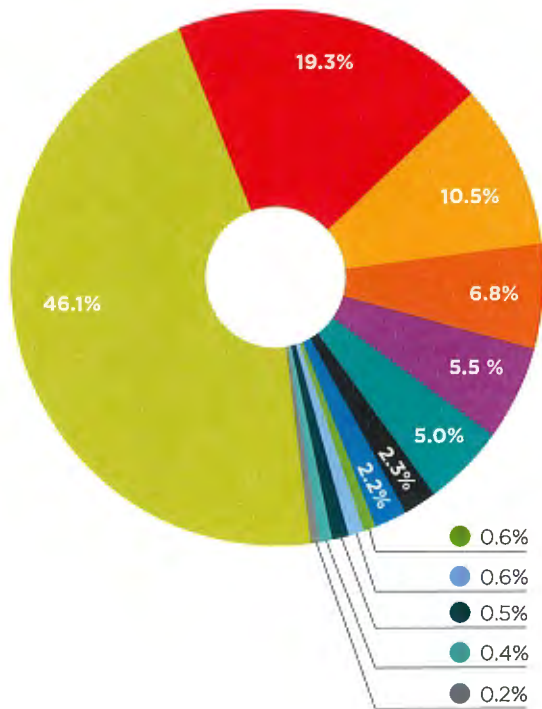
* ESTIMATED

BLUE BOX AND BLUE CART PROGRAMS RECYCLING MIX IN 2020

Through the Blue Box and Blue Cart programs, residents recycled a total of **8,279.35 tonnes** of recyclable materials.



MATERIALS COLLECTED AT THE RICHMOND RECYCLING DEPOT



In 2020, **5,956.29 tonnes** of recyclable materials were collected at the Recycling Depot.

- YARD TRIMMINGS (2,745.19 TONNES)
- SCRAP METAL (1,151.39 TONNES)
- PRODUCT STEWARDSHIP (620.93 TONNES)*
- MIXED PAPER/NEWSPRINT (404.92 TONNES)
- CARDBOARD (327.38 TONNES)
- UPHOLSTERED FURNITURE (294.76 TONNES)
- MATTRESSES (138.61 TONNES)**
- PLASTIC CONTAINERS (132.46 TONNES)
- FLEXIBLE PLASTIC PACKAGING (37.76 TONNES)
- PLASTIC BAGS (37.50 TONNES)
- POLYSTYRENE FOAM (E.G. STYROFOAM) (29.87 TONNES)
- GLASS (24.80 TONNES)
- PROPANE/BUTANE & FIRE EXTINGUISHERS (10.72 TONNES)

* Includes tires, electronics, paints, solvents, pesticides, lights, small appliances, batteries, cell phones, smoke and carbon monoxide alarms, cooking oil, motor oil, antifreeze and lead acid batteries.

** Collected via the Large Item Pick Up Program, not at the Recycling Depot.

8,279.35 tonnes

BLUE BOX AND BLUE CART



5,956.29 tonnes

RECYCLING DEPOT

= 14,235.64 tonnes recycled in 2020



RECYCLE MORE AT THE RICHMOND RECYCLING DEPOT



PAINT
229,824
EQUIVALENT
LITRES



AEROSOLS
5,600 EQUIVALENT
LITRES



SOLVENTS & PESTICIDES
12,512 EQUIVALENT
LITRES



CFLS
653 BOXES



TUBES
4' – 470 BOXES
8' – 73 BOXES



ELECTRONICS
251.18 TONNES



SMALL APPLIANCES
141.49 TONNES



TIRES
35.41 TONNES



MOTOR OIL & ANTIFREEZE
28.96 TONNES



COOKING OIL
12.53 TONNES



BATTERIES & CELL PHONES
15.40 TONNES

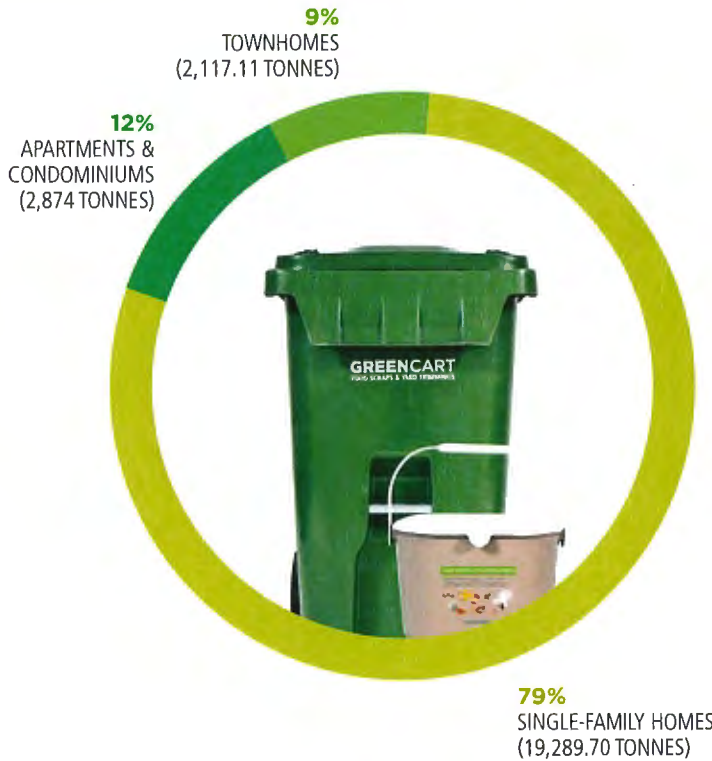


LEAD ACID BATTERIES
1.99 TONNES



SMOKE & CO ALARMS
0.37 TONNES

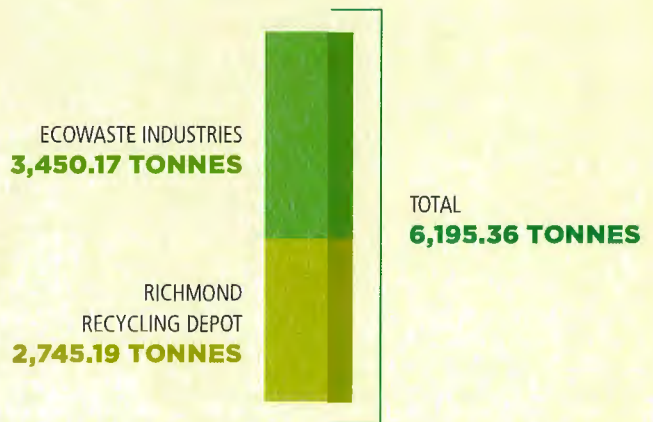
RESIDENTIAL GREEN CART RECYCLING IN 2020



Residents diverted 24,280.81 tonnes of food scraps and yard trimmings from landfill in 2020 to be composted into new resources.

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

In 2020, 6,195.36 tonnes of yard trimmings were collected at the Richmond Recycling Depot and the Ecowaste residential and commercial drop-off service.



LARGE ITEM PICK UP IN 2020

13,872
REQUESTS
FOR SERVICE



4,333
MATTRESSES &
BOXSPRINGS



503
WASHERS & DRYERS



305
TELEVISIONS



607
FRIDGES & FREEZERS



434
BARBECUES



247
DISHWASHERS

933 TONNES
WERE
COLLECTED

OF
THIS, **709** TONNES
WERE
RECYCLED



2,336
COUCHES &
LOVESEATS



1,441
CHAIRS &
RECLINERS



336
STOVES &
MICROWAVES

19,140
ITEMS
COLLECTED

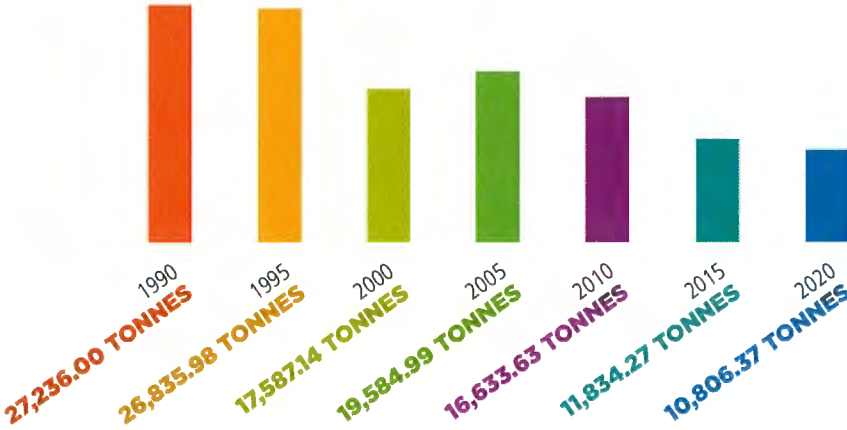
6,181
NON-RECYCLABLE HOUSEHOLD
ITEMS COLLECTED FOR SAFE
HANDLING AND DISPOSAL



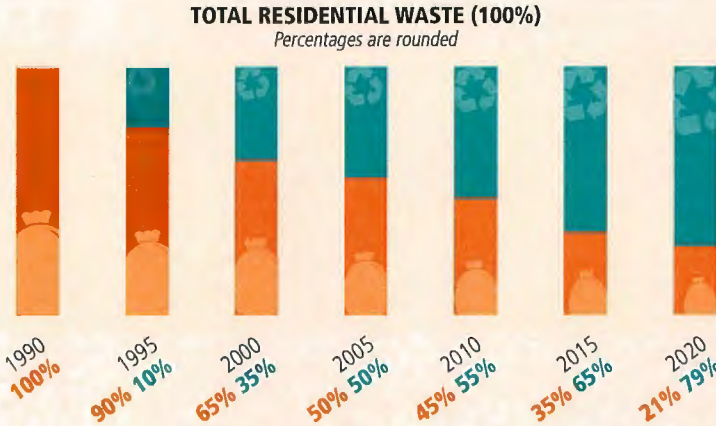
2,417
OTHER RECYCLABLE
ITEMS

FROM GARBAGE DISPOSAL TO DIVERSION

SINGLE-FAMILY HOMES GARBAGE IN TONNES



SINGLE-FAMILY HOMES DIVERSION OVER TIME



% WASTE GOING TO LANDFILL **% WASTE BEING RECYCLED***

* Includes residential recycling and organics collection and drop-off at Richmond Recycling Depot

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

16,177
CUSTOMER SERVICE CALLS SUPPORTED

2
VIRTUAL YOUTH ENGAGEMENT SESSIONS "ZERO HEROES: HOME EDITION"

7
WORKSHOPS

1
DEPOT TOUR

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

COMPOST BINS, GARBAGE TAGS AND VOUCHERS

1,427
GARBAGE DISPOSAL VOUCHERS SOLD

9,635
GARBAGE TAGS SOLD

154
COMPOST BINS SOLD

GARBAGE, LITTER AND COMMUNITY GARDEN COLLECTION

GARBAGE BINS INSPECTED **12,153** TIMES PER MONTH

AND SERVICED **16,911** TIMES PER MONTH

FOR A COMBINED TOTAL OF **348,773** BIN VISITS PER YEAR

40 GREEN CARTS SERVICED IN COMMUNITY GARDENS

CREWS TRAVEL **3,307** KILOMETRES PER WEEK TO INSPECT AND SERVICE BINS

ONLINE SEARCH AND TIPS TOOLS



RICHMOND RECYCLING APP - ALL-TIME STATS



4,264
RECYCLING GAMES
PLAYED

9,283
APPS INSTALLED
TO DATE

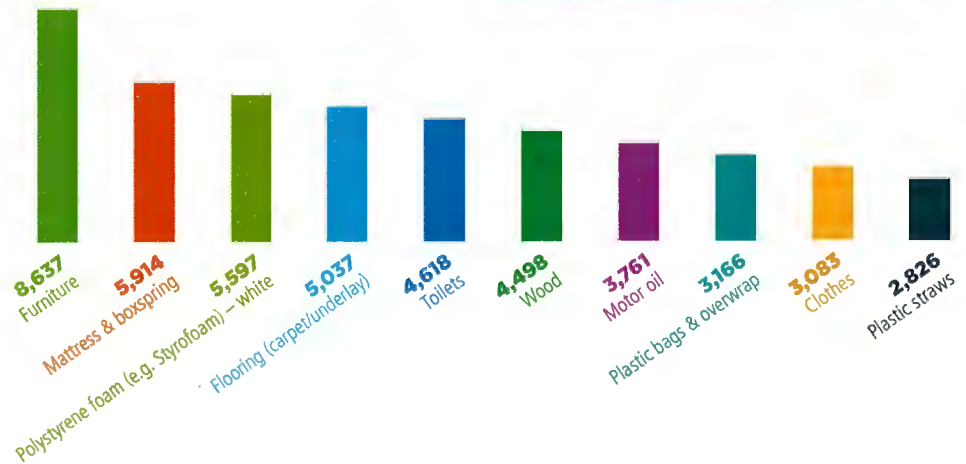
15,396
ACTIVE
REMINDERS

7,318
PDF CALENDAR
DOWNLOADS

69,487
TOTAL ALL-TIME
APP USAGE

60,664
RECYCLING
WIZARD
SEARCHES

TOP MATERIALS SEARCHED ON THE RECYCLING WIZARD - ALL TIME



SCHOOL AND YOUTH ENGAGEMENT

GREEN AMBASSADOR PROGRAM

1,137

HOURS OF YOUTH
VOLUNTEERING & TRAINING

In 2020, **154 youth** volunteered in Richmond’s Green Ambassador program.





In 2020, Green Ambassadors spent 317 hours preparing for the annual **REaDY Summit**; however, the event could not be held due to COVID-19.



4 special events were supported by Green Ambassadors, with 183 hours.

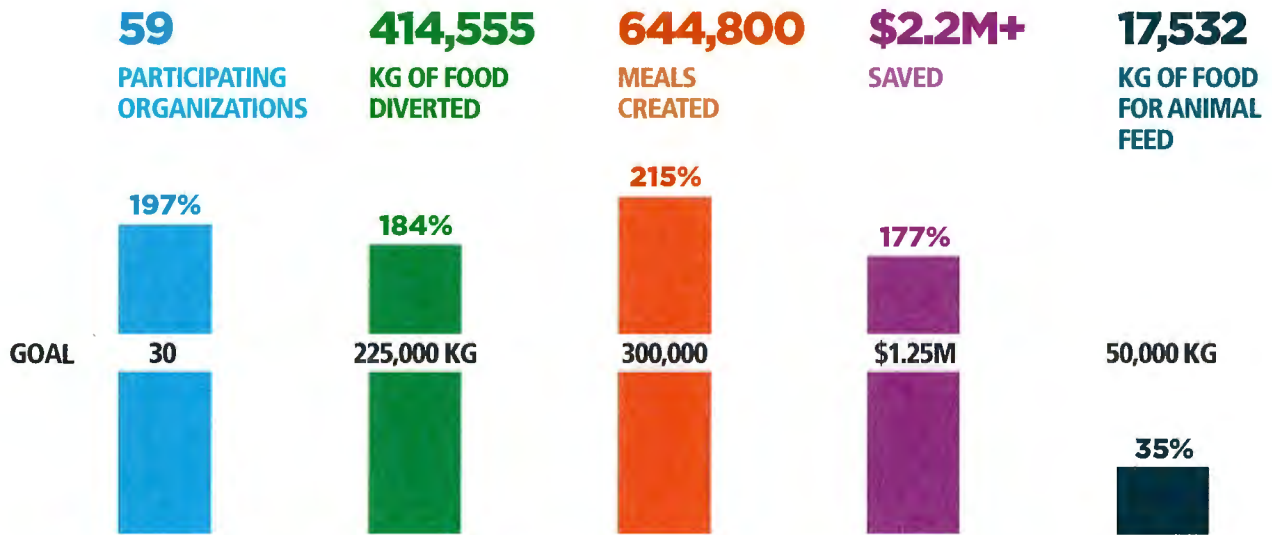
10 symposiums for training and networking with fellow Green Ambassadors were held, for a total of 637 training hours.



FOOD RECOVERY NETWORK

From November 2019 to November 2020, the City of Richmond collaborated with FoodMesh to build a regional Food Recovery Network, bringing together local food businesses with charities and farmers into a collected and efficient food system.

The results from the first year of this program far surpassed the expectations for the project in almost all areas.



Data source: FoodMesh for the City of Richmond Nov 2019-Nov 2020

COMMUNITY ENGAGEMENT

COMMUNITY WORKSHOPS AND TOURS

10
SESSIONS, WORKSHOPS
AND TOURS OFFERED
IN 2020

325
PARTICIPANTS

TYPE	NUMBER	PARTICIPANTS
Virtual Youth Engagement Sessions	2	98
Recycling Workshops	7	207
Richmond Recycling Depot Tours	1	20
Total	10	325

COMMUNITY CLEAN-UP EVENTS

Richmond’s Green Ambassadors – youth volunteers – helped clean up public spaces in 2020, including 42.5 volunteer hours for the shoreline clean up and 51 volunteer hours to help remove invasive plants.





MAKING RECYCLING EASY AND CONVENIENT

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

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 31.



BLUE CART

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 31.



GREEN CART

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.



RICHMOND RECYCLING DEPOT

Drop-off service for 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.



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.



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.



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.



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?



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, milk cartons, 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.

CONTAINER RECYCLING: BLUE BOX/CONTAINERS RECYCLING CART



✓ ACCEPTED

- ✓ Empty aerosol cans & caps (food items, air fresheners, shaving cream, deodorant, hairspray)
- ✓ Microwavable bowls, cups & lids
- ✓ Paper food containers & cartons (ice-cream, milk, liquid whipping cream)
- ✓ 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

✗ NOT ACCEPTED

- ✗ Aerosol cans with hazardous materials (spray paint)*
- ✗ Butane cylinders*
- ✗ Ceramic plant pots
- ✗ Compostable/biodegradable plastic bags & containers
- ✗ Containers for motor oil, vehicle lubricant or wax products*
- ✗ Foil-lined cardboard lids from take-out containers
- ✗ Garden hoses
- ✗ Paper takeout containers
- ✗ Plastic bags & overwrap*
- ✗ Plastic string or rope
- ✗ Polystyrene foam (e.g. Styrofoam) materials*
- ✗ 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.



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.



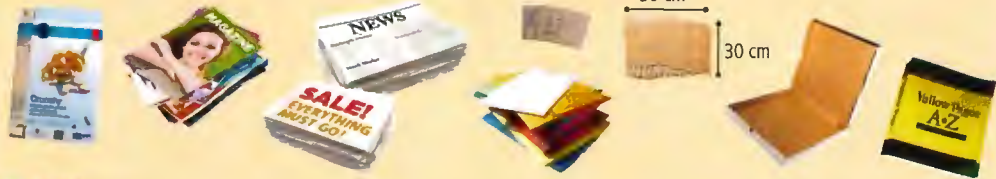
Empty, rinse and flatten containers. Food or other materials in the containers contaminate the recycling. Remove lids and recycle separately.



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



30 cm

30 cm

✓ 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

- x Glasses, dishes, cookware, window glass and mirrors
- x Ceramic products
- x 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

Richmond Recycling Depot

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

Three ways to order supplies:

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

HOW TO RECYCLE CORRECTLY



COMMON MISTAKES	HOW TO RECYCLE CORRECTLY
<p>Glass bottles and glass jars are placed incorrectly in the Blue Box or Containers Recycling Cart</p>	<p>Recycle in grey Glass Recycling Bin or Glass Recycling Cart.</p>
<p>Non-recyclable plastic items are placed in recycling bins (Straws and plastic cutlery)</p>	<p>These are not recyclable. Please put in the garbage.</p>
<p>Containers with food residue are not rinsed before recycling</p>	<p>Remove food and rinse before placing in Blue Box or Containers Recycling Cart.</p>
<p>Recyclable items that are not accepted in residential collection are placed incorrectly in the Blue Box / Blue Cart, such as:</p> <ul style="list-style-type: none"> • 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 	<p>Drop off at Richmond Recycling Depot – 5555 Lynas Lane.</p>



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



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

STANDARD

Large
240 litres
D 27.5 x W 24.5 x
H 43 inches

Medium
120 litres
D 21 x W 19 x
H 37.5 inches

Small
80 litres
D 21.5 x W 16 x
H 34.5 inches

TOWNHOMES CART SIZE SELECTION



Small
80 litres
D 21.5 x W 16 x
H 34.5 inches

STANDARD

Compact
46.5 litres
D 12 x W 11 x
H 27 inches

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.



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.



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:

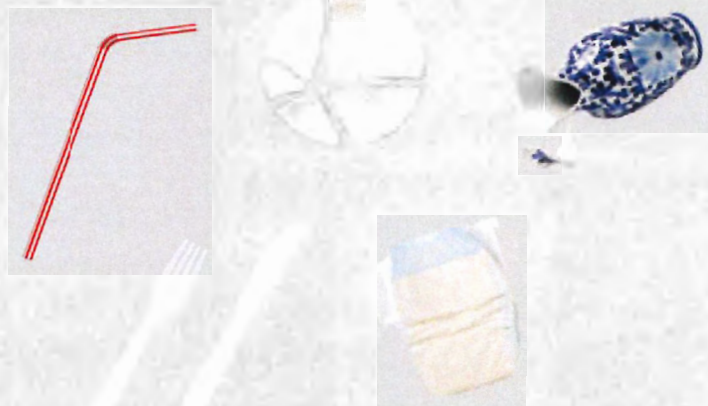
Environmental Programs
604-276-4010



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

\$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.

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.

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.



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, residents and small business operators can drop off one cubic yard of recyclables and three large appliances 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.



Richmond Recycling Depot
 5555 Lynas Lane
 Open 7 days a week, 9:00 a.m. to 6:15 p.m.
 (except statutory holidays)



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 Bins
- Green Can Decals

CNCL – 164

Welcome to the Richmond Recycling Depot!

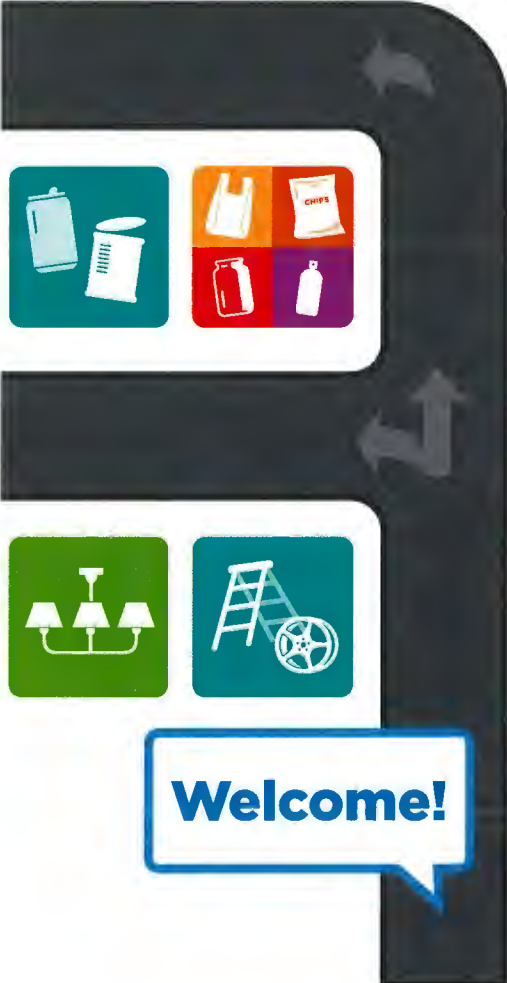
You'll be amazed by how much you can take – for free – to the Richmond Recycling Depot.

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

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



For an interactive version of this map, visit richmond.ca/depot



Welcome!



MATERIALS ACCEPTED

- ✓ Aerosol & spiral wound cans
- ✓ Aluminium materials
- ✓ Appliances
- NEW!** ✓ Baby car seats/booster seats (pilot program)
- NEW!** ✓ 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
- NEW!** ✓ 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
- ✓ Barbecues (remove propane tank and/or lava rock briquettes)
- ✓ Bed frame
- ✓ Electric lawnmowers
- ✓ Furniture
- ✓ Headboard
- ✓ Outdoor furniture
- ✓ Small household goods, which must be in boxes or bundled and are a reasonable size (one box or bundle is equal to one of the resident's six allotted items)
- ✓ Weight training and exercise equipment
- ✓ Mattresses or boxsprings – please cover your mattress with a plastic bag
- ✓ Tires (car and light-duty truck)

✗ NOT ACCEPTED

- ✗ Car bodies or parts
- ✗ Carpets
- ✗ Construction materials
- ✗ Drywall
- ✗ Gas lawnmowers
- ✗ Hazardous waste
- ✗ Lumber, demolition or home renovation materials
- ✗ Mattresses/boxsprings and upholstered furniture that are wet or infested with bed bugs or vermin
- ✗ Pianos
- ✗ Propane tanks*
- ✗ Tree stumps

Note: Items that contain any hazardous liquids such as gas, oil, etc. will not be accepted. See page 56-61 for disposal locations or call Environmental Programs at 604-276-4010.

* Take to Richmond Recycling Depot, 5555 Lynas Lane

PREPARATION – SAFETY REQUIREMENTS

- ✓ Wrap mattresses in plastic and seal with tape to prevent them from getting wet and waterlogged. Cover upholstered furniture and boxsprings 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.

Note: The item(s) must be able to be safely handled from the curbside in order to qualify for collection.



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 6,700 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.

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 29,064 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.

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.



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.

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.

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).

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.

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.



PARTNERING TO REDUCE WASTE

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:
 metrovancouverrecycles.org

RECYCLING COUNCIL OF BRITISH COLUMBIA (RCBC)

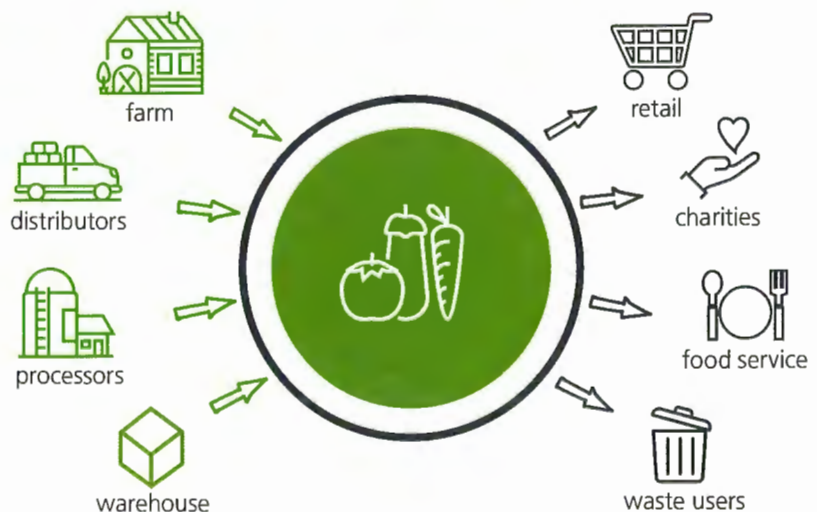
RCBC provides information and resources to support recycling in the community.

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



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

BANNED MATERIALS THAT ARE RECYCLABLE WITH CITY SERVICES



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

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

4.3 Recycling and Disposal Directory

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

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

Watch for the **BLUE** listings for items recyclable through the City of Richmond

-  **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**

See Programs and Services starting on page 27 to find out what is accepted through the City's collection and drop-off services.



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



BATTERIES – AUTOMOTIVE

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Canadian Tire 3500 No. 3 Road 11388 Steveston Highway	604-273-2939 604-271-6651
Costco 9151 Bridgeport Road	604-270-3647
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
Home Depot 2700 Sweden Way	604-303-9882
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 (batteries only) 7111 Elmbridge Way	604-273-4606
Staples 8171 Ackroyd Road 110 - 2780 Sweden Way	604-270-9599 604-303-7850

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
Regional Recycling 13300 Vulcan Way	1-855-701-7171

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
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
Tervita 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
New West Gypsum Recycling 11871 Horseshoe Way	604-534-9925
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 11288 Steveston Highway	604-271-6651
Regional Recycling 13300 Vulcan Way	1-855-701-7171
Rona 7111 Elmbridge Way	604-273-4606

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

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



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

DROP-OFF LOCATION

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/returns/british-columbia 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

Andrew Sheret Ltd.
4500 Vanguard Road 604-278-3766

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 AND TUBES – BICYCLES

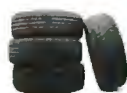
DROP-OFF LOCATION PHONE

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.



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 604-273-2939
11388 Steveston Highway 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 or 1-866-759-0488.

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



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.

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



CITY OF RICHMOND

Environmental Programs Information Line:
604-276-4010

richmond.ca/recycle

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