



To: Public Works & Transportation Committee **Date:** March 11, 2024
From: Suzanne Bycraft **File:** 10-6370-01/2024-Vol
Director, Public Works Operations 01
Re: **Recycling and Solid Waste Management – Report 2023: Back to Basics**

Staff Recommendations

1. That the report titled, “Recycling and Solid Waste Management – Report 2023: Back to Basics”, dated March 11, 2024, from the Director, Public Works Operations, be endorsed.

2. That the “Recycling and Solid Waste Management – Report 2023: Back to Basics” 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 presents the City's annual progress in recycling and sustainable waste management practices, highlights results achieved in 2023 and provides insights into upcoming key planned initiatives as outlined in the attached "Recycling and Solid Waste Management – Report 2023: Back to Basics".

This report supports Council's Strategic Plan 2022-2026 Focus Area #5 A Leader in Environmental Sustainability:

Leadership in environmental sustainability through innovative, sustainable and proactive solutions that mitigate climate change and other environmental impacts.

5.1 Continue to demonstrate leadership in proactive climate action and environmental sustainability.

5.3 Encourage waste reduction and sustainable choices in the City and community.

Analysis

With Council's leadership and commitment to achieving circularity through the Richmond Circular City Strategy and the Community Energy and Emissions Plan, the City continues to provide a comprehensive range of reduction, recycling and waste management services to help achieve this vision. The City also implements robust communication and community outreach initiatives to raise awareness about the services available, how to recycle correctly and encourage behaviour change.

"Recycling and Solid Waste Management – Report 2023: Back to Basics" ("Report") presents the City's annual progress update for 2023 (Attachment 1). The Report also includes detailed program information, insights into upcoming initiatives and a comprehensive tips and resources section.

2023 Highlights

In 2023, the City focused on getting back to basics for sustainable waste management by emphasizing reduce, reuse, repair and recycle. As part of this initiative, the City introduced the Back to Recycling School behavioural change campaign to educate the community on how to recycle glass and hazardous materials correctly. Over the past year, the City remained focused on supporting a circular economy by piloting new innovative ideas, encouraging community members to rethink their waste, and make it easier for residents to get household items repaired for free by hosting Repair Fairs.

Residents in single-family homes continue to recycle close to 80% of their household waste by leveraging a number of recycling and waste reduction opportunities. The Blue Box and Blue Cart programs recycled 7,070 tonnes of packaging, containers and paper, while the Green Cart program diverted 21,031 tonnes of food scraps and yard trimmings from the landfill to be composted into nutrient-rich soil. In 2023, 271,381 vehicle visits occurred at the Recycling

Depot, equating to an average of 744 visits per day. During their visits, customers dropped-off more than 7,962 tonnes of recyclable materials. Richmond residents also leveraged the Large Item Pick Up program to have 16,699 items collected curbside to divert 558 tonnes from the landfill.

Through community outreach and customer service, staff supported 15,465 customer service calls and delivered 60 outreach activities on various topics through a mix of in-person and virtual engagements. A total of 3,040 students took part in supporting recycling and waste management events and training activities throughout the City. This included 144 Green Ambassadors accumulating 1,606 volunteer hours.

The Richmond Recycling App and Recycling Wizard tool continue to provide enhanced service for residents, with 22,273 active collection day reminders and 60,474 annual Recycling Wizard searches. The Recycling Wizard serves as an excellent point of reference for residents to search how to recycle specific items. Moreover, in City public spaces garbage and recycling bins were inspected 13,478 times per month and serviced 19,554 times per month, for a combined 397,630 bin visits per year to help keep our community clean.

Report 2023 Overview

The Report contains four sections – the first two sections provide an overview of the past year, including highlights for 2023, details and statistics on the City’s waste management and recycling services, and key planned initiatives for 2024. The Report’s next two sections provide details on the many programs and services the City offers, 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 2023 including:

- Completed phase 2 of the Commercial Recycling Services Review and received approval to develop a Business Education and Advisory Program.
- Won two national IABC Silver Leaf Awards for merit for the “Rethink Waste: Think Tank & Ideas Hub” and “Richmond’s Single-Use Plastic Ban” community engagement.
- Completed an innovative Pilot Paving Project using asphalt that contains recycled plastic at the Richmond Recycling Depot, making Richmond the first city in Canada to use this product.
- Completed a two month audit at the Recycling Depot to measure commercial volumes for glass, flexible plastic and Styrofoam.
- Secured a funding agreement with Metro Vancouver to recover partial costs for Richmond Repair Fair events, including funding for three events completed in 2023.
- Launched the Recycling Champion Program and registered 84 Champions in multi-family buildings, who were provided with tools and support to increase recycling in their buildings.
- Developed and implemented two Back to Recycling School campaigns focused on glass bottles and jars, and hazardous materials recycling.

- Installed and operationalized an innovative trash skimming device at Steveston Harbour and completed a waste audit with Ocean Wise to identify items captured in the unit.
- Updated the Commercial and Multi-Family Developments Waste Management Design Guidelines to simplify collection truck requirements and provide a refreshed look.

Section 2: Tracking Our Progress provides statistics and data on the broad range of programs and services the City offers residents to responsibly manage their household waste.

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 highlights how recycling and reducing waste can support the City’s overarching goal of circularity. Information on the City’s robust litter collection, public spaces recycling, event recycling, and community and school engagement programs are also detailed.

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

The City will continue to support the transition to a circular economy by exploring new technologies and implementing new initiatives to increase Richmond’s waste diversion rate. Key focus areas in 2024 will include:

- Evaluate opportunities to formalize and expand the Green Ambassador program, including engagement with the school district or other agencies.
- Implement a Bike Reuse program and continue to explore other reuse and sharing opportunities to advance circularity.
- Evaluate opportunities to educate, reduce textile waste and increase recycling options for residents.
- Conduct a detailed review of current in-house recycling at City facilities and refresh the WeRecycle program.
- Continue engagement with participants in the Grease Collection Pilot to increase program uptake.
- Explore camera technologies to reduce illegal dumping in public spaces.
- Develop and implement the Richmond Business Recycling Resource Program to work with businesses to help increase their recycling efforts.
- Continue engagement efforts to encourage residents to recycle correctly, rethink waste and shift to a circular economy where materials we use stay in circulation.

Proposed Communication

Subject to Council’s direction, the annual “Recycling and Solid Waste Management – Report 2023: Back to Basics” 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.

March 11, 2024

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Conclusion

The City is providing residents with an annual progress report through the “Recycling and Solid Waste Management – Report 2023: Back to Basics”. This Report demonstrates Council’s leadership and commitment to sustainable and circular waste management initiatives, as well as responsive services, responsible government and accessible information and communication.



Kristina Nishi
Manager, Recycling and Waste Recovery
(604-244-1280)

KN:lh

Att. 1: Recycling and Solid Waste Management – Report 2023: Back to Basics

City of Richmond Recycling
and Solid Waste Management

REPORT 2023

BACK TO BASICS



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

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

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

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Going Back to Basics

As Richmond continues to focus on its transition to a circular economy, the City is emphasizing the three Rs – Reduce, Reuse and Recycle.

These fundamentals for sustainable waste management involve recycling correctly and applying multiple methods to reduce and reuse, including rethinking buying decisions and repurposing and repairing items. This supports a circular economy, as the materials we buy are being used, reused, repurposed and recycled multiple times into new products to reduce reliance on raw materials and help conserve natural resources.

Other key strategies in the City's *Community Energy and Emissions Plan 2050* and *Richmond Circular City Strategy* include maximizing the value of resources and reducing carbon emissions as well as encouraging responsible consumption and minimizing waste. These actions are part of the global effort to be more sustainable and reduce environmental impacts.

Towards this goal, the City provides multiple programs and services to support recycling, and is implementing measures to reduce waste overall, including its ban on single-use plastic, and its outreach and education programs that promote ideas to rethink, repurpose, reuse and repair items.

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



**LET'S
REDUCE
REUSE
RECYCLE**

1.0

Annual Outlook

In 2023, the City of Richmond focused on getting back to basics for sustainable waste management by delivering programs, services and new initiatives to help the community reduce, reuse and recycle.

These sustainable waste management practices are integral to supporting a circular economy, where materials are used, reused, repurposed and recycled multiple times into new products to reduce reliance on raw materials and help conserve natural resources.

Several initiatives over the past year focused on increasing and improving recycling in the community. Richmond residents with curbside collection continue to recycle close to 80% of their household waste – an impressive accomplishment that helps to divert waste from the landfill as well as supporting a more sustainable approach to waste management. As well, Richmond received the Leader in Sustainability Award from Call2Recycle to recognize the City for its exceptional environmental commitment and outstanding battery collection results at the Recycling Depot.

However, while recycling is critical, it's increasingly important to recycle correctly to ensure recyclables will be accepted by processing facilities and to avoid fines and other penalties that may apply when recycling is contaminated.

To help improve the quality of recycling, the City launched its Back to Recycling School campaign to highlight how to recycle glass and hazardous materials correctly. These items were selected as they continue to top the list of materials most frequently recycled incorrectly. This educational campaign also linked to a series of animated educational videos featuring Richmond Green Ambassadors demonstrating the proper steps to recycle these materials.

Continued >

Over the past year, Richmond remained focused on supporting a circular economy by encouraging community members to rethink waste.

The City is working with community members to help increase and improve recycling in multi-family complexes through its Recycling Champion program. Recycling Champions are individual residents who share the City's goals for supporting a circular economy through recycling and are interested in helping others in their building recycle correctly and consistently. Data from audits and other reports note that multi-family complexes with centralized collection areas consistently have higher levels of contamination. Examples include items being recycled in the wrong bin, hazardous items found in bins and recyclable materials found in the garbage. The City provides the Recycling Champions with training and resource materials, and the Recycling Champions take the lead in their building to help their neighbours.

Richmond is supporting increased residential recycling through its Multi-Family Grease Collection Pilot program, which was launched in 2022 and continues to provide a convenient option to recycle used cooking oil and grease. The City is collecting data on usage in the pilot project and will focus on increasing participation levels in the upcoming year as part of continued refinements to the program. Residents can drop off used cooking oil and grease at the Richmond Recycling Depot.

While residential recycling is well established in Richmond, commercial recycling levels are significantly lower. In response, the City initiated a comprehensive Commercial Recycling Services Review, which was completed in 2023 and resulted in a final report being presented to Council in October. The primary recommendation involved concluding the Commercial Garbage and Recycling Collection Pilot Program and shifting to focus on providing hands-on support for businesses. This was based on feedback received from businesses, industry and other interested and affected organizations who shared that the most appropriate approach for the City to support commercial recycling is to educate and raise awareness about existing options on the market for commercial garbage and recycling services. In response, Council directed staff to implement a Richmond Business Recycling Resource Program as a pilot project in 2024, including the development of a Business Education Resources Toolkit.

In addition to recycling, the City is implementing new programs to support reducing waste. Over the past year, Richmond remained focused on supporting a circular economy by encouraging community members to rethink their waste. This included promoting the Rethink Waste Community Ideas Hub, which highlights ideas to reduce food waste, holiday waste and single-use items, and tips to repurpose materials into new products and community-based options that promote reuse by sharing and donating household items. These initiatives and related communication campaigns stemmed in large part from Richmond's Single-Use Plastic Ban campaign and its Rethink Waste Think Tank and Community Ideas Hub community engagement, which both received national Silver Leaf awards of merit from the International Association of Business Communicators.

Building on the ideas shared and the benefits of repairing items to extend their usability, Richmond is making it easier for residents to get household items repaired for free by hosting a series of highly popular Repair Fairs. The City works with volunteers who repair clothing and other textiles, as well as other household items such as bikes and lawnmowers. In addition, the City's hosted free workshops, worked with the Green Ambassadors to promote recycling and sustainable waste management in schools and in the community, provided tours of the Recycling Depot and provided event recycling support.

As a part of the 2024 utility budget, Council approved a Bike Reuse pilot project to support reuse and divert bikes from being recycled at the Richmond Recycling Depot. Based on staff assessment, 10 to 15 bikes are dropped off each week on average for recycling. Staff have identified an opportunity to work with a partner organization to divert suitable bikes from recycling so they can be repaired and redistributed in the community. The new pilot project is scheduled for implementation in 2024.

With the continued success of the City's broad range of programs to support increased recycling and leverage opportunities to reduce waste, Richmond is on track to transition to a circular economy with sustainable waste management practices.



LET'S RETHINK WASTE

Changing our habits to think differently about purchases, avoiding unnecessary waste and finding ways to reuse and recycle products 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?

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



1.1

2023 Top Accomplishments

This report showcases some of the key achievements in 2023 and looks back on the City's top accomplishments over the past 30-plus years.

RECYCLING MILESTONES

Launched Blue Box program

1990

Launched backyard compost bin distribution program

1992

Launched Blue Cart program

1995

Launched Green Can program

2010

Launched Green Cart program for multi-family complexes

2015

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

2013

Launched Green Cart program for single-family homes and townhomes

Launched Large Item Pick Up program

- 1 COMPLETED THE COMMERCIAL RECYCLING SERVICES REVIEW**
 Received approval to develop a Richmond Business Recycling Resource Program.
- 2 WON TWO NATIONAL IABC SILVER LEAF AWARDS**
 Recognized by International Association of Business Communicators with awards of merit for the “Rethink Waste: Think Tank & Ideas Hub” and “Richmond’s Single-Use Plastic Ban” community engagement.
- 3 COMPLETED PILOT PAVING PROJECT**
 Used asphalt that contains recycled plastic at the Richmond Recycling Depot – the first city in Canada to use this product.
- 4 COMPLETED RECYCLING DEPOT AUDIT**
 Monitored quantities of glass, flexible plastic and polystyrene (Styrofoam™) to determine commercial usage at the Recycling Depot.
- 5 SECURED A FUNDING AGREEMENT WITH METRO VANCOUVER**
 Funding will cover partial costs for Richmond Repair Fair events, including funding for three events completed in 2023.
- 6 LAUNCHED THE RECYCLING CHAMPION PROGRAM**
 Registered 84 Champions in multi-family buildings, who were provided with tools and support to encourage recycling in their buildings.
- 7 LAUNCHED BACK TO RECYCLING SCHOOL CAMPAIGN**
 Developed and implemented two Back to Recycling School campaigns focused on glass bottles and jars and hazardous materials recycling.
- 8 INSTALLED TRASH-SKIMMING DEVICE**
 Installed and operationalized a trash skimming device at Steveston Harbour and completed a waste audit with Ocean Wise to identify items captured in the unit.
- 9 UPDATED THE COMMERCIAL MULTI-FAMILY DEVELOPMENT WASTE MANAGEMENT DESIGN GUIDELINES**
 Simplified collection truck requirements and refreshed look.

Introduced *Single-Use Plastic and Other Items Bylaw No. 10000*

Expanded Large Item Pick Up Program

Expanded hours and items accepted at Richmond Recycling Depot

2019

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

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

2021

Earned national awards for the Rethink Waste and Single-Use Plastic Ban engagement campaigns

2023

2016

Launched biweekly Garbage Cart program

2020

Renovated Recycling Depot and expanded items accepted

2022

Implemented *Single-Use Plastic and Other Items Bylaw No. 10000*

Expanded items accepted at Recycling Depot

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 GREEN AMBASSADOR PROGRAM

Evaluate opportunities to formalize and expand the Green Ambassador program.

2 PROMOTE REUSE AND SHARING

Implement a Bike Reuse program and continue to explore other reuse and sharing opportunities.

3 ADDRESS TEXTILE WASTE

Evaluate opportunities to educate, reduce textile waste and increase recycling options for residents.

4 REVIEW IN-HOUSE RECYCLING

Conduct a detailed review of current in-house recycling at City facilities and refresh the WeRecycle program.

5 INCREASE GREASE COLLECTION

Continue engagement with participants in the Grease Collection Pilot to increase program uptake.

6 REDUCE ILLEGAL DUMPING

Explore camera technologies to reduce illegal dumping in public spaces.

7 INCREASE BUSINESS RECYCLING

Develop and implement the Richmond Business Recycling Resource Program to work with businesses to help increase their recycling efforts.

8 CONTINUE COMMUNITY ENGAGEMENT

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



1.3

Richmond Repair Fairs: Fix it. Don't toss it.

A commitment to reducing waste is not only good for the environment, it can also be good for your wallet.

By choosing to repair damaged goods, rather than simply throwing them out, you can divert unnecessary waste from the landfill and save money by avoiding new purchases in a time of rapidly rising costs. This is particularly important for items like textiles, which have become one of the fastest growing waste streams. The Ellen MacArthur Foundation estimates that the average consumer purchases 60% more pieces of clothing than 15 years ago and keeps each item for half as long. In Richmond, it is estimated that 1,800 tonnes of clothing waste are being sent to the landfill each year.

In response, the City of Richmond is encouraging residents to repair items as part of the classic eco-friendly trio of reduce, reuse and recycle.

The City hosted nine Repair Fairs last year, working with a team of volunteer experts to fix a variety of items, including 232 clothing items, 30 bikes and three lawnmowers. These items are now enjoying a new life instead of being recycled or tossed in the garbage and added to the landfill.

The success of these events is due in large part to the partnership approach involving community members who volunteer their time to share their skills repairing items. As an added bonus, these events are now being partly funded by a contribution from Metro Vancouver.

The Textile Arts Guild of Richmond (TAGOR) proved a perfect fit for the Repair Fairs partnership. TAGOR, a registered non-profit formed in 1975, "is dedicated to advancing and encouraging all facets of artistic and practical textile arts, including creative mending and repurposing." Many of its members participated in the Repair Fairs, hand-stitching or using portable sewing machines from the Richmond Arts Centre, says TAGOR president Vickie McLeod, who has been with the guild for more than 30 years.



She says with a refreshed focus on sustainable practices, TAGOR members were eager to use their skills to help the City and thrilled to see both what residents brought to the events and how they reacted after.

Among the 232 pieces of clothing repaired were many ripped seams, torn pants and holey pockets as well as other signs of general wear and tear, McLeod says.

"It's very much like improv sewing," she says. "You've got to have a lot of tools with you but, fortunately, we're getting to know what to expect. We can do quite an effective mend on almost any kind of fabric."

For instance, one woman brought in her husband's pure wool sweater that had a large hole in the elbow. McLeod used needle felting techniques — taking wool roving (wool that hasn't been spun into yarn), blending colours to match, then locking the new fibres to the sweater with a barbed needle punch — to make it almost as good as new, and undoubtedly saving the owner the cost of replacement.

"It's amazing what you can do by hand, with just a needle and thread and some of those simple tools from the past," she says, noting TAGOR volunteers explain repairs as they do them.

"If it's possible to make a repair, we explain how we do it so they realize it can be done with mostly all garments that need to be fixed instead of putting them in the garbage," says Elena Sambuev, a sewist who has worked in fashion production for more than 45 years and signed up to volunteer at the Repair Fairs after hearing about them from a customer.

She noted that one of her greatest challenges was repairing an antique cloth child's doll, requiring intricate hand stitching to make the seams invisible.

McLeod has seen beloved items, too, repairing a child's blanket that was to be passed down to the fourth generation of a family.

Regardless of the fabric, the item or its value to the owner, the goal is the same for both McLeod and Sambuev: reducing the amount of waste.

"We have to do something," Sambuev says. "We cannot just live today and not think about tomorrow."

Adds McLeod: "Even taking one thing out of the landfill, I know it's not a lot, but we have to start the process and start people thinking about it."

GETTING BACK TO BASICS

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 and waste diversion 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, and how to reduce waste overall.



2.1 Diversion Statistics

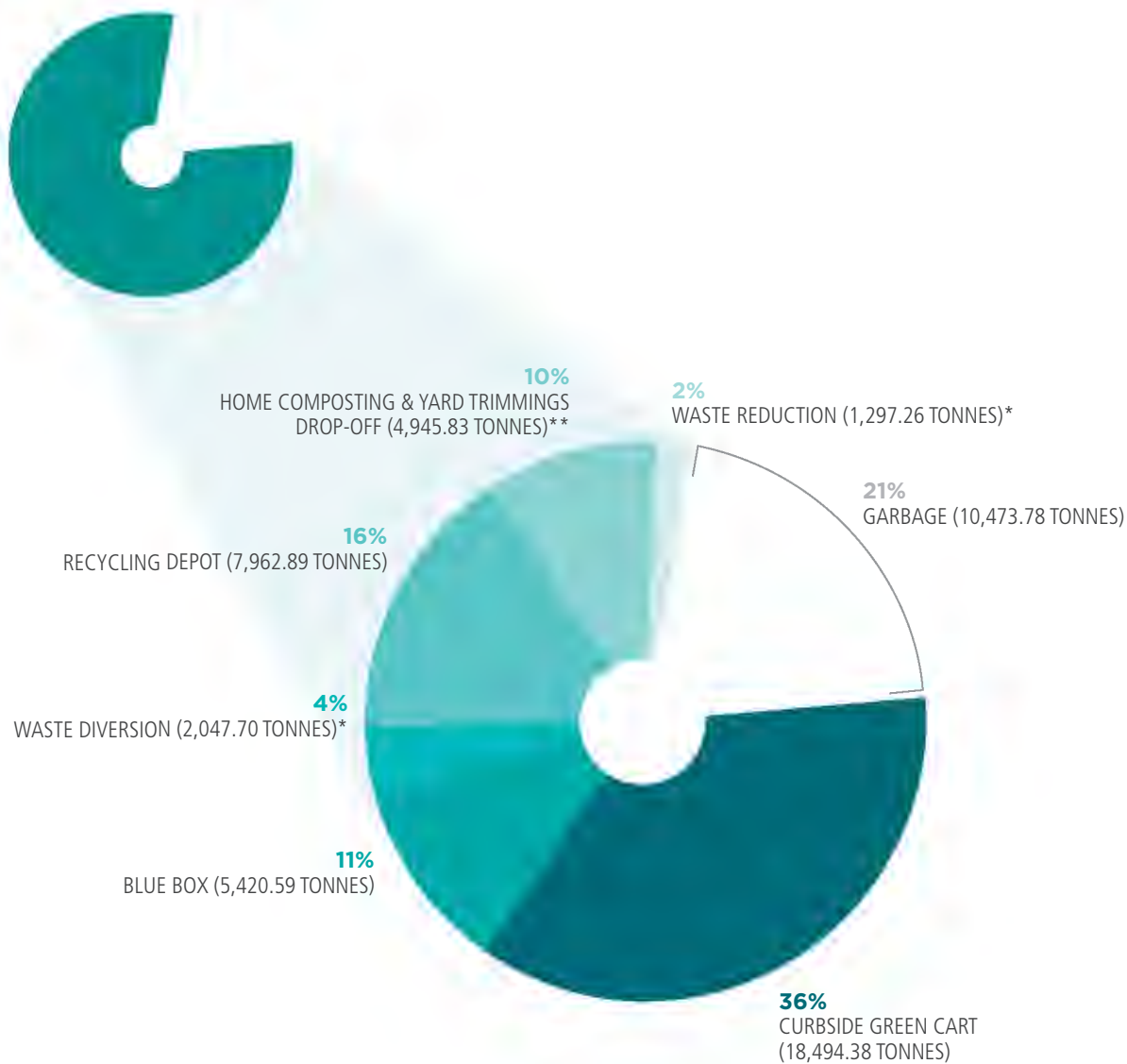
Richmond residents in single-family homes diverted 79.3% of their waste from the landfill in 2023.



SINGLE-FAMILY RECYCLING IN 2023

Residents took advantage of a variety of programs to divert **79.3% of their waste** from the landfill in 2023.

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

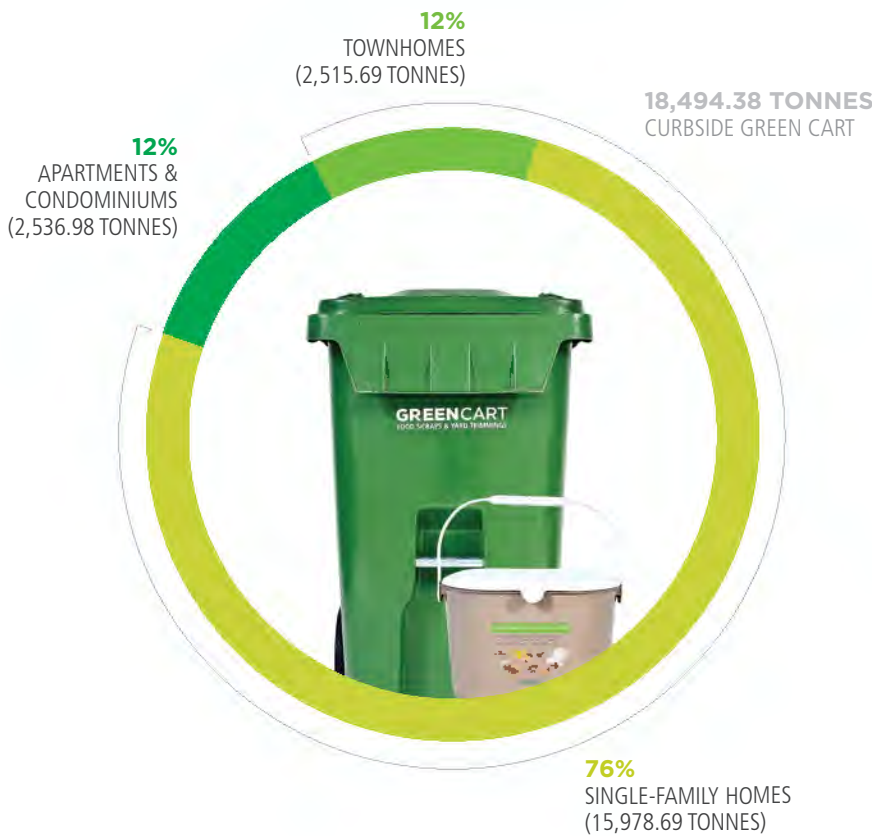
** Includes estimates for home composting, tree chipping and leaf drop-off programs.

BLUE BOX AND BLUE CART PROGRAMS RECYCLING MIX IN 2023

Through the Blue Box and Blue Cart programs, residents recycled a total of **7,070.84 tonnes** of recyclable materials.



RESIDENTIAL GREEN CART RECYCLING IN 2023

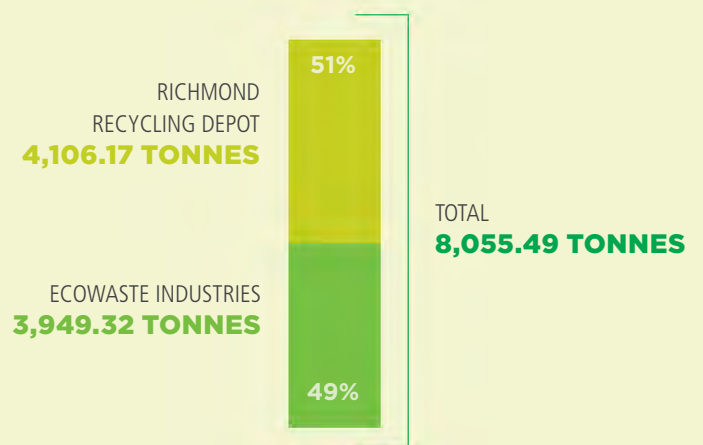


Residents diverted **21,031.36 tonnes** of food scraps and yard trimmings from landfill in 2023 to be composted into new resources.

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

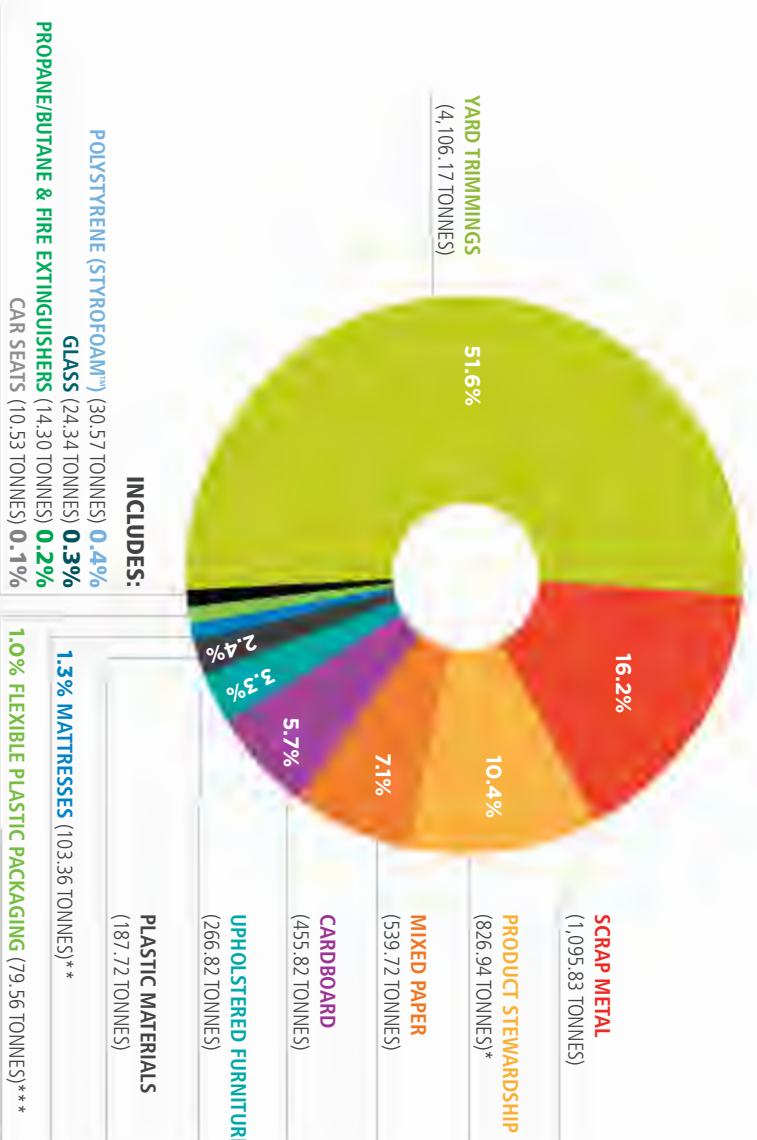
75,376 residential units received weekly collection in 2023.

In 2023, **8,055.49 tonnes** of yard trimmings were collected at the Richmond Recycling Depot and through the Ecowaste residential and commercial drop-off service.



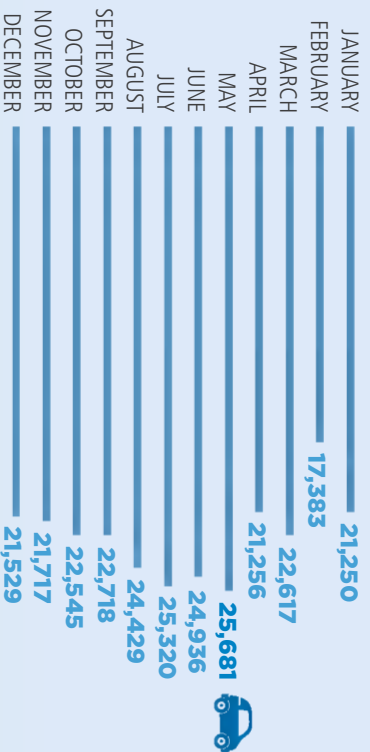
MATERIALS COLLECTED AT THE RICHMOND RECYCLING DEPOT

In 2023, **7,962.89 tonnes** of recyclable materials were collected at the Recycling Depot.



PWT - 58

MONTHLY VEHICLE VISITS TO THE RICHMOND RECYCLING DEPOT



In 2023, there were **271,381** vehicle visits to the Richmond Recycling Depot, an average of **744** visits per day.

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

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

*** Includes plastic bags

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 the list of accepted items, and total tonnage of recycled materials increases each year.



PAINT
256,176
EQUIVALENT
LITRES



AEROSOLS
8,800 EQUIVALENT
LITRES



**SOLVENTS &
PESTICIDES**
18,208 EQUIVALENT
LITRES



CFLS
822 BOXES



**FLUORESCENT
TUBES**
4' – 613 BOXES
8' – 75 BOXES



**COOKING
OIL**
13.48 TONNES



**SMALL
APPLIANCES**
188.88 TONNES



**BATTERIES &
CELLPHONES**
38.13 TONNES



**LEAD ACID
BATTERIES**
24.48 TONNES



ELECTRONICS
300.43 TONNES



**SMOKE &
CO ALARMS**
0.52 TONNES



**MOTOR
OIL &
ANTIFREEZE**
63.06 TONNES



TIRES
44.65 TONNES



THERMOSTATS
0.07 TONNES



LARGE ITEM PICK UP IN 2023

43,666 residential units received the service through their curbside programs.



4,041
MATTRESSES &
BOXSPRINGS



390
WASHERS & DRYERS



240
TELEVISIONS



581
FRIDGES & FREEZERS



325
BARBECUES



221
DISHWASHERS



3,013
UPHOLSTERED URNITURE



290
STOVES &
MICROWAVES



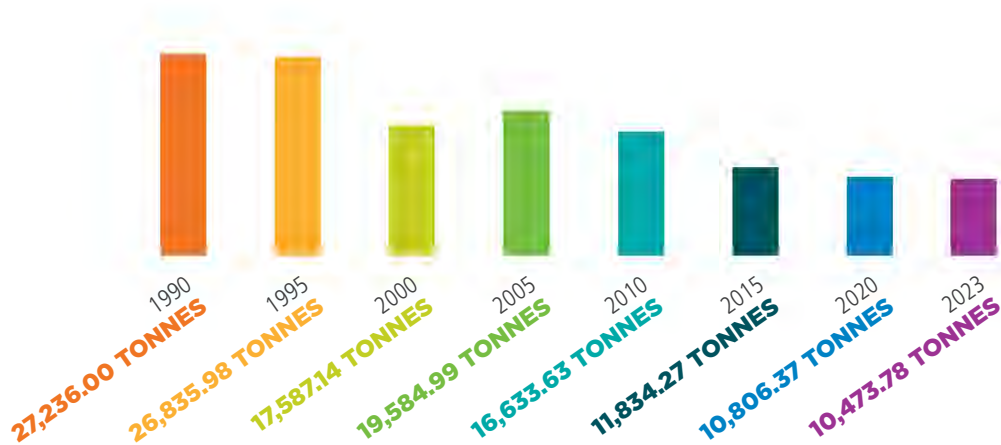
2,105
OTHER RECYCLABLE
ITEMS

5,493
NON-RECYCLABLE
HOUSEHOLD ITEMS
COLLECTED FOR SAFE
HANDLING AND DISPOSAL

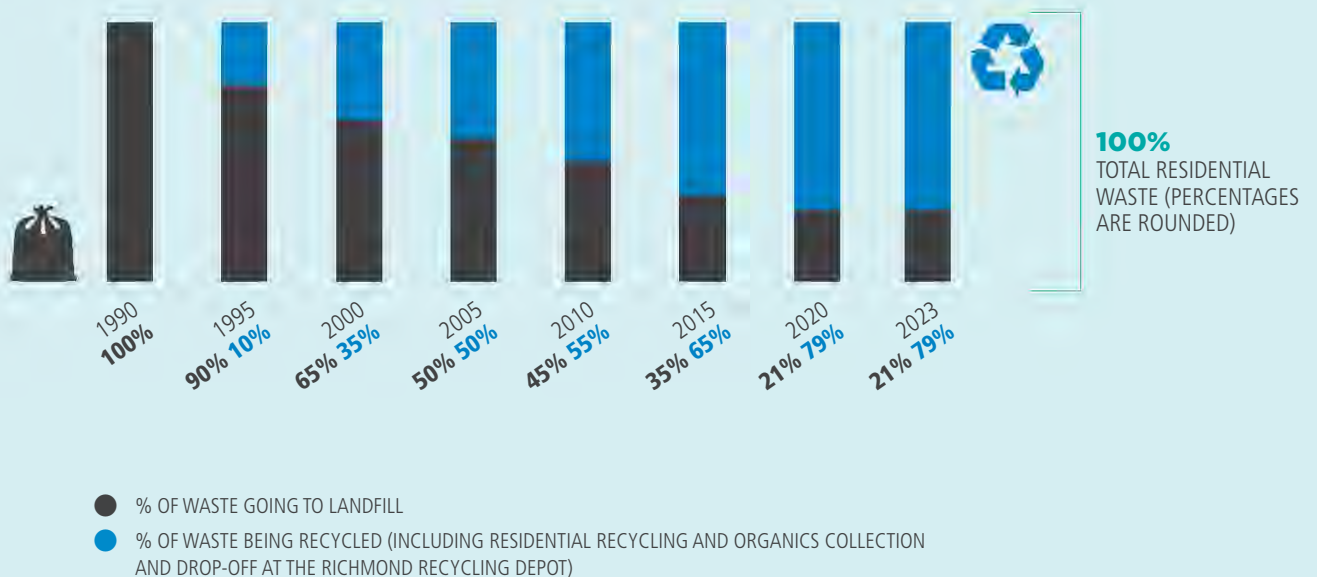
FROM GARBAGE DISPOSAL TO DIVERSION

34,918 residential units received Garbage Cart service in 2023.

SINGLE-FAMILY HOMES GARBAGE COLLECTION OVER 20-PLUS YEARS:



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.



3,169 attendees for **60 outreach activities** on various topics.



1,606 participant hours of youth volunteering and training.

COMMUNITY OUTREACH



9 Repair Fairs funded by a Metro Vancouver contribution agreement resulted in **36 hours of repair** by volunteers, fixing **232 items of clothing, 30 bikes** and **3 lawnmowers** brought by **367 participants**.



22 recycling workshops with a total of **565 participants**.



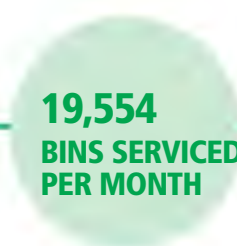
22 Richmond Recycling Depot tours with a total of **468 participants**.



7 information displays at community events with a total of **1,729 participants**.

GARBAGE, LITTER AND COMMUNITY GARDEN COLLECTION

Crews **travel 3,388 kilometres per week** to inspect and service bins, and **cleaned up 918 cases of illegal dumping**.



COMPOST BINS, GARBAGE TAGS AND VOUCHERS



STUDENT OUTREACH

In 2023, **3,040 students** participated in recycling and waste management events and training activities.



GREEN AMBASSADOR (GA) YOUTH PROGRAM

12 special events were supported by GAs, for a total of 1,062 hours.

1,062 HOURS

4 GA team-led meetings and planning sessions were held, for a total of 62 hours.

62 HOURS

10 GA sessions for training and networking were held, for a total of 482 training hours.

482 HOURS

144 GREEN AMBASSADORS WITH 1,606 HOURS OF VOLUNTEERING & TRAINING

STUDENT OUTREACH

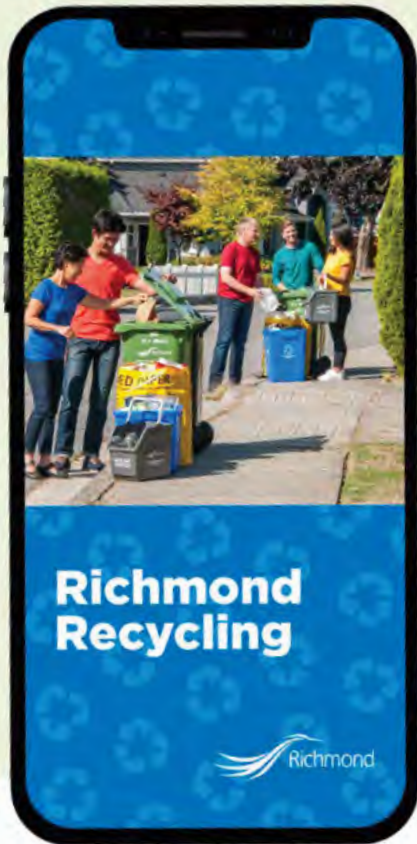
10 ZERO HEROES SHOWS

10 Zero Heroes school shows were presented to 2,536 Kindergarten to Grade 7 students and 127 teachers.

360 STUDENTS

360 students participated in a Recycling Fair to learn how to recycle correctly and reduce waste.

ONLINE SEARCH AND TIPS TOOLS



The Richmond Recycling app has been installed **13,724 times** to date, and used a total of **96,476 times**.

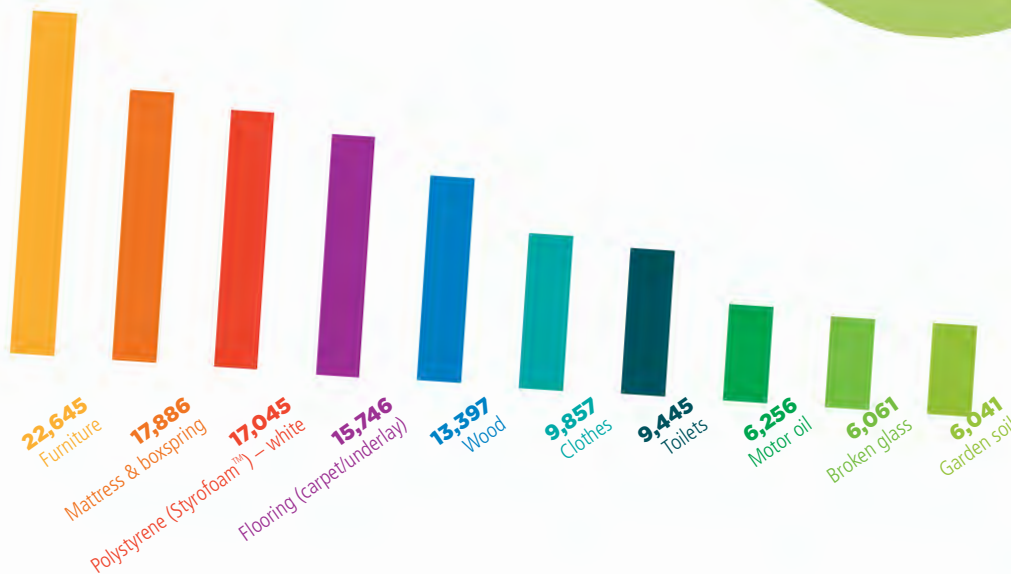
22,273
REMINDERS

17,439
PDF CALENDAR
DOWNLOADS

8,772
RECYCLING
GAMES PLAYED

60,474
ANNUAL RECYCLING
WIZARD SEARCHES

TOP MATERIALS SEARCHED ON THE RECYCLING WIZARD - ALL TIME



AWARD-WINNING COMMUNITY ENGAGEMENT

Richmond earned **two national awards** in 2023 for its engagement campaigns.



Richmond Mayor Malcolm Brodie (left) and Director, Public Works Operations Suzanne Bycraft with IABC Silver Leaf Awards.

The City of Richmond received two national Silver Leaf Awards of Merit from the International Association of Business Communicators (IABC) for its communication and community engagement to increase awareness and compliance with the Single-Use Plastic Ban, and for its Rethink Waste Think Tank engagement campaign to generate ideas for reducing waste.

Silver Leaf is Canada's premiere professional awards program celebrating excellence in business communication. Winning a Silver Leaf places the City of Richmond in a league with some of the best communicators in the field from across the country.

RETHINK WASTE THINK TANK & COMMUNITY IDEAS HUB

Richmond implemented a multi-year communication and engagement campaign to support the City's goals to reduce waste and support a circular economy. Residents were encouraged to share their waste reduction ideas as part of a "Think Tank" and viable ideas were used to create a Community Ideas Hub. The campaign far exceeded expectations, generating more than 300 ideas with practical tips and resources to support sustainable waste management.

SINGLE-USE PLASTIC BAN

Richmond implemented a multi-year communication and engagement campaign as part of introducing a new bylaw banning single-use plastic items to support businesses in the transition, increase awareness about the new bylaw and promote reusable options in the community, with a goal to reduce unnecessary waste and pollution. The successful campaign resulted in an informed and engaged business community, broad awareness about the new ban and the benefits of choosing reusable options, and a high compliance rate when the bylaw was implemented. This has resulted in reduced use of single-use plastic items and reduced waste going to the landfill.



COMMUNITY IDEAS HUB

Part of Richmond’s Rethink Waste campaign, 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 Communities Ideas Hub features ideas to:



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

HOW CAN RESIDENTS 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 (Styrofoam™) plates and containers.



3. Reuse: Donate or sell 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 Richmond Recycling Depot and take-back programs.



**LET'S
RECYCLE
CORRECTLY**

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 use the Large Item Pick Up program or bring a growing list of recyclable items to 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 safely and efficiently. The following are the key recycling and waste management services offered through the City of Richmond.



BLUE BOX | PAGE 30

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



BLUE CART | PAGE 30

The Blue Cart program provides weekly centralized collection for paper, newsprint, glass bottles and glass jars, plastic containers, empty aerosol cans, plastic/paper drink cups, spiral wound containers, and tin and aluminium containers.



GREEN CART | PAGE 36

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.



BACKYARD COMPOSTING | PAGE 39

Support for residential composting includes the sale of backyard compost bins and a composting demonstration garden. These services are available to all residents.



GARBAGE CART | PAGE 40

Biweekly 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 to residents for disposal of additional garbage.



LARGE ITEM PICK UP | PAGE 46

Residents with the City Blue Box and/or City Garbage Cart program can arrange for collection of large household items.



RICHMOND RECYCLING DEPOT | PAGE 42

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.



LITTER COLLECTION | PAGE 49

Litter Attendants are on the road seven days a week to inspect or service garbage and recycling bins more than 8,258 times each week throughout the city, collecting additional litter along the way.



PUBLIC SPACES AND EVENT RECYCLING | PAGE 48

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.



COMMUNITY AND SCHOOL ENGAGEMENT | PAGE 50

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.



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 and laundry baskets, hazardous items like butane cylinders, propane tanks and batteries, and 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

Metals

- ✓ Aerosol cans (empty) & caps (food items, air fresheners, shaving cream, deodorant, hairspray)
- ✓ Aluminium cans & lids
- ✓ Aluminium foil & foil containers (foil wrap, pie plates, food trays)
- ✓ Metal storage containers (such as for candy)
- ✓ Tin cans & lids

Paper

- ✓ Paper food containers & cartons
- ✓ Paper cups & lids, plates & bowls
- ✓ Paper garden pots & trays
- ✓ Spiral wound paper cans & lids (frozen juice, potato chips, cookie dough, coffee, nuts, baby formula)

Plastic

- ✓ Plastic bottles & caps (food items, condiments such as ketchup & mustard, dish soap, mouthwash, shampoos, conditioners)
- ✓ Plastic containers, trays & caps (bakery & deli foods)
- ✓ Plastic cups & lids
- ✓ Plastic food storage containers
- ✓ Plastic garden pots & trays
- ✓ Plastic hangers
- ✓ Plastic jars & lids
- ✓ Plastic microwavable bowls, cups & lids
- ✓ Plastic plates & bowls
- ✓ Plastic straws, utensils and stirsticks
- ✓ Plastic tubs & lids (margarine, spreads, dairy products such as yogurt, cottage cheese, sour cream, ice cream)

✗ NOT ACCEPTED

Take to Richmond Recycling Depot

- ✗ Aerosol cans with hazardous materials (spray paint)
- ✗ Butane cylinders
- ✗ Containers for motor oil, vehicle lubricant or wax products
- ✗ Plastic bags & overwrap
- ✗ Polystyrene (Styrofoam™) packaging
- ✗ Propane tanks

Repurpose, Sell, Share or Put in Garbage

- ✗ Ceramic plant pots
- ✗ Compostable/biodegradable plastic bags & containers
- ✗ Foil-lined cardboard lids from take-out containers
- ✗ Garden hoses
- ✗ Plastic string or rope

TIPS TO RECYCLE CORRECTLY



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. Their metal or plastic lids go in the Blue Box/Containers Cart.



PAPER PRODUCTS: MIXED PAPER RECYCLING BAG/CART



✓ ACCEPTED

Boxboard and Cardboard

- ✓ Cardboard boxes (flattened)
- ✓ Cereal boxes
- ✓ Corrugated cardboard (small pieces)
- ✓ Moving and storage boxes
- ✓ Paper egg cartons
- ✓ Paper gift boxes
- ✓ Paper takeout containers (including those with a shiny coating)
- ✓ Pizza boxes (clean)

Paper

- ✓ Catalogues, magazines & telephone books
- ✓ Envelopes (with or without window)
- ✓ Flyers & junk mail
- ✓ Miscellaneous paper (notepads, loose leaf paper, white or coloured paper, printed paper, copier/printer paper)
- ✓ Newspapers
- ✓ Paper bags (lunch, groceries)
- ✓ Paper gift bags
- ✓ Paper gift wrap & greeting cards
- ✓ Paper party hats and decorations
- ✓ Shredded paper (inside a paper bag to avoid scattering)

✗ NOT ACCEPTED

Take to Richmond Recycling Depot

- ✗ Foil/metallic wrapping paper
- ✗ Plastic bags used to cover newspapers/flyers
- ✗ Plastic or foil candy wrappers

Repurpose, Sell, Share or Put in Garbage

- ✗ Cardboard boxes with wax coating
- ✗ Greeting cards with non-paper items (glitter, plastic attachments, music devices, batteries)
- ✗ Padded envelopes
- ✗ Ribbons or bows

TIPS TO RECYCLE CORRECTLY



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

Repurpose, Sell, Share or Put in Garbage

- ✗ Broken glass (wrap and put in garbage)
- ✗ Ceramic products
- ✗ Drinking glasses, glass dishes and cookware
- ✗ Lids and caps (remove from the glass bottle/jar and place in Blue Box/Containers Recycling Cart)
- ✗ Mirrors and window glass

TIPS TO RECYCLE CORRECTLY



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

Four ways to order supplies:

1. Pick up at Richmond Recycling Depot
2. Call 604-276-4010
3. Order at richmond.ca/recyclesearch
4. Order in the Richmond Recycling app, free at Apple and Android app stores.



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



✘ COMMON MISTAKES

✔ HOW TO RECYCLE CORRECTLY



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

Recycle in grey Glass Recycling Bin or Glass Recycling Cart.



Plastic straws, utensils and stir sticks are placed in the garbage

Place them in the Blue Box or Containers Recycling Cart.



Containers with food residue are not rinsed before recycling

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



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

- Batteries and cellphones
- Electronics
- Paints and solvents
- Plastic bags
- Polystyrene (Styrofoam™) packaging
- Propane tanks and butane containers
- Non-packaging plastics like toys

Drop off at Richmond Recycling Depot – 5555 Lynas Lane.

Not sure where to recycle an item?



Use the Recycling Wizard at richmond.ca/recyclesearch or in the free Richmond Recycling app, available at Apple and Android app stores.



With the Richmond Recycling app, you can:

- Find drop-off locations for recyclables
- Learn how to recycle a variety of household items
- Schedule weekly collection day reminders
- Order supplies
- Play the Recycling Challenge game, and more!



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 (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 Cart 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 (Styrofoam™) cups, meat trays or takeout containers
- ✗ Prunings over 10 cm (4 in) in diameter
- ✗ Rocks, dirt, sod or soil

Why can't I put plastic bags in my green cart?

Plastic bags (including compostable or biodegradable bags) do not break down during the composting process and leave behind flecks of plastic that contaminate the compost.



TIPS TO RECYCLE CORRECTLY



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 residents' 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



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 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 \$25 per cubic yard. Commercial operators will be charged a fee of \$25 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 call 604-276-4010.



New/Replacement Kitchen Containers

Four ways to order supplies:

1. Pick up at Richmond Recycling Depot.
2. Call 604-276-4010.
3. Order at richmond.ca/recyclesearch.
4. Order in the Richmond Recycling app, free at Apple and Android app stores.





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 per year.

\$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 will be 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



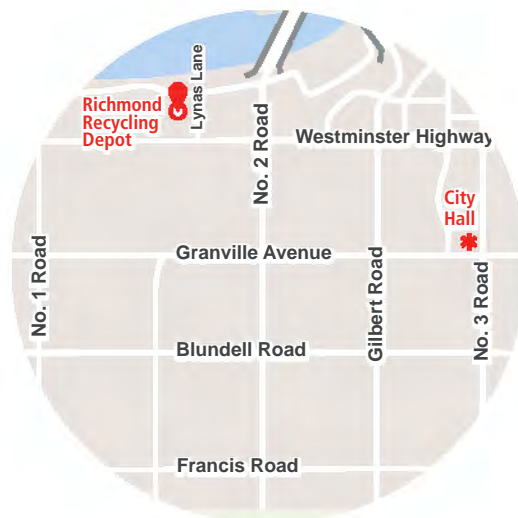
3.5 Richmond Recycling Depot

The Richmond Recycling Depot is located at 5555 Lynas Lane and is open from 9:00 a.m. to 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 bring 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 their weekly collection bins to recycle household items like glass bottles and glass jars, mixed containers and mixed paper. Businesses are encouraged to set up contracts for on-site collection services if they produce a large quantity of recyclable materials. However, residents and small business operators can also drop off recyclable materials at the Recycling Depot.

This facility accepts a wide range of materials, including cardboard, yard and garden trimmings, mixed paper and newspapers, as well as polystyrene (Styrofoam™),

used books, cellphones, 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, thermostats, fire extinguishers 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

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

Welcome to the Richmond Recycling Depot!

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

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

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



For a virtual tour, visit
richmond.ca/depot



Welcome!

MATERIALS ACCEPTED

- ✓ Aerosol & spiral wound cans
- ✓ Aluminium materials
- ✓ Appliances
- ✓ Baby car seats/booster seats*
- ✓ Batteries (lead acid car batteries)
- ✓ Batteries (small household batteries less than 5 kg)
- ✓ Books
- ✓ Butane cylinders
- ✓ Cellphones (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, plastic bags & plastic overwrap
- ✓ 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 recycling bags
- ✓ Polystyrene (Styrofoam™) packaging
- ✓ Power tools
- ✓ Propane tanks
- ✓ Sewing, knitting & textile machines
- ✓ Smoke & carbon monoxide alarms
- ✓ Thermostats
- ✓ 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.

* Proof of residency required.



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 (stove, dishwasher, washer and/or dryer, hot water tank, refrigerator, freezer, microwave)
- ✓ Barbecues (remove lava rock briquettes and/or propane tank)
- ✓ Bed frames
- ✓ Electric lawnmowers
- ✓ 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 centre)
- ✓ Headboards
- ✓ Mattresses or boxsprings
- ✓ 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 them 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 items (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 8,258 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, 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 33,032 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, but City staff work hard seven days a week to maintain a clean and livable community for Richmond residents.

SPECIAL EVENT RECYCLING

Recycling stations are recommended for special event bookings taking place in Richmond. For some major events, the City hosts recycling stations with assistance from Green Ambassador volunteers. This involves setting up recycling stations and having recycling volunteers 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 find 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.



Richmond held nine free Repair Fairs in 2023 that encouraged residents to repair usable items rather than sending them to the landfill.

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.

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 for 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 TIPS TO RECYCLE AND 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
604-277-1410
ecowaste.com

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
rcbc.ca

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

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 or recycling.metrovancouver.org

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 recycling 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 \$73 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 bodies and parts
- ✗ Barrels, drums, pails or large (205 litre or greater) liquid containers, full or empty
- ✗ Biomedical waste
- ✗ Dead animals
- ✗ Gypsum
- ✗ Hazardous waste
- ✗ Inert fill material, including soil, sod, gravel, concrete and asphalt exceeding 0.5 cubic metres per load
- ✗ Liquids or sludge
- ✗ Refuse that is on fire, smouldering, flammable or explosive
- ✗ Wire and cable exceeding 1% of load

BANNED MATERIALS THAT ARE RECYCLABLE WITH CITY SERVICES



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

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

4.3 Recycling and Disposal Directory

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

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



ANTIFREEZE AND EMPTY CONTAINERS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 5555 Lynas Lane	604-276-4010
Jiffy Lube 10991 No. 4 Road	604-448-0142

List of accepted items: 604-732-9253 or interchangerecycling.com/find-a-recycling-centre.



APPLIANCES – SMALL

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

List of accepted items: electrorecycle.ca or 604-732-9253.



BABY CAR SEATS

DROP-OFF LOCATION	PHONE
Richmond Recycling Depot 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	250-893-8383
Lord Byng Secondary School 3939 W 16th Avenue, Vancouver	250-893-3851
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 11388 Steveston Highway	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 5 kg 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 Road	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 116-10151 No. 3 Road	604-232-0159 604-241-2898
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

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.



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: productcare.org or 1-877-592-2972 ext. 401.



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: productcare.org or 1-877-592-2972 ext. 406.

GENERAL HAZARDOUS MATERIALS

DROP-OFF LOCATION **PHONE**

 Secure Energy
160-13511 Vulcan Way

604-214-7000



GYPSON 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

604-247-1664

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

Complete list of accepted items: productcare.org or 1-877-592-2972 ext. 407.



LUBRICATING OIL (USED), OIL FILTERS AND PLASTIC OIL CONTAINERS

DROP-OFF LOCATION **PHONE**

Richmond Recycling Depot
5555 Lynas Lane

604-276-4010

Accepted items: 604-732-9253 or interchangerecycling.com/find-a-recycling-centre.




MATTRESSES AND BOXSPRINGS

DROP-OFF LOCATION **PHONE**

 City of Vancouver Landfill
5400 72nd Street, Delta

604-873-7000

 Vancouver Transfer Station
377 W. Kent Avenue 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 of accepted items: productcare.org or 1-877-592-2972 ext. 405.



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 or call 604-732-9253.

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



POLYSTYRENE (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 (only accepts materials purchased in-store) 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 (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

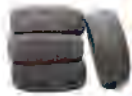
All TELUS rental or retail equipment such as cordless/corded phones, Voice Over IP (VOIP) phones, Global Positioning System (GPS) equipment and video/telephone conference equipment can be returned via Canada Post. Call 604-310-2255 for more information.



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 (OFF-RIM UNLESS NOTED)

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
Kal Tire (limit of 4) 2633 No. 5 Road	604-278-9181
Metro Tires Ltd. 16160 River Road	604-321-9004
OK Tire (limit of 4 per household) 5831 Minoru Boulevard	604-278-5171
Cee Gees Auto Recycling (limit of 4) 12320 Mitchell Road	604-321-0888
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



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
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.

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

CITY OF RICHMOND

Environmental Programs Information Line:
604-276-4010

richmond.ca/recycle

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