



# City of Richmond

## Report to Committee

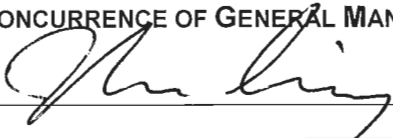


**To:** Public Works and Transportation Committee      **Date:** April 5, 2019  
**From:** Tom Stewart, AScT.      **File:** 10-6370-01/2019-Vol  
 Director, Public Works Operations      01  
**Re:** **Annual Report 2018: Recycling and Solid Waste Management - Building Momentum Towards 80% Diversion**

### Staff Recommendation

That the annual report titled, “Report 2018: Recycling and Solid Waste Management – Building Momentum Towards 80% Diversion” 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.

Tom Stewart, AScT.  
 Director, Public Works Operations  
 (604-233-3301)

Att. 1

|   |   |
|---|---|
| <b>REPORT CONCURRENCE</b>   |   |
| <b>CONCURRENCE OF GENERAL MANAGER</b><br> |   |
| <b>REVIEWED BY STAFF REPORT /<br/>AGENDA REVIEW SUBCOMMITTEE</b>  | <b>INITIALS:</b><br> |
| <b>APPROVED BY CAO</b><br>                |   |

## Staff Report

### Origin

This report presents the City's annual progress toward waste diversion goals as outlined in the attached "Report 2018: Recycling and Solid Waste Management – Building Momentum Towards 80% Diversion".

### Analysis

#### Background

The City has adopted an aspirational waste diversion target of 80% by 2020 in accordance with the regional *Integrated Solid Waste and Resource Management Plan* (ISWRMP). As well, the City's vision for sustainability includes a key goal to be a Recycling Smart City. To support these goals, the City provides a comprehensive range of waste reduction, recycling and waste management services to residents. Local businesses can also participate in a City pilot program for food scraps, recycling and garbage collection services. To promote full participation and utilization of these services, the City also implements a broad range of communication and outreach initiatives to raise awareness about the services available, how to access them and the correct way to use the City's programs.

"Report 2018: Recycling and Solid Waste Management – Building Momentum Towards 80% Diversion" (the Report) presents the City's annual process update (Attachment 1). The Report summarizes Richmond's comprehensive programs and services, highlights results achieved in 2018, provides insights into upcoming initiatives, and includes tips and resources to support waste reduction, recycling and sustainable waste management.

#### 2018 Highlights

The Report highlights Richmond's leadership in recycling and waste management practices over two decades, emphasizing some of the key milestones that have led to 78% waste diversion by residents in single-family homes. In 2018, the City continued to build momentum by expanding programs, adding services, leveraging technology and working with residents and community partners. Together, these efforts are integral to achieving the region's aspirational goal to divert 80% of waste from the landfill by 2020. The Report also highlights key initiatives and expanded services planned for 2019 to continue to promote sustainable waste management.

Key accomplishments in 2018 include:

- Expanded items at the Richmond Recycling Depot to accept flexible plastic packaging, which includes crinkly wrappers (chip bags), zipper lock pouches, woven and net plastic bags, ziplock bags, plastic shipping packaging, bubble wrap, shrink wrap and plastic bags with code 5 – all of which were previously garbage items as they were not recyclable.
- Introduced a Recycling Challenge Game and online recycling supplies ordering tools through the Richmond Collection Schedule app.

- Provided 250 recycling stations to 76 community events with approximately 243,000 attendees.
- Hosted a successful compost giveaway event, delivered 22 tours at the Richmond Recycling Depot, delivered 22 food waste reduction workshops and 21 recycling workshops with approximately 1,260 attendees. Staff also hosted 14 outreach displays and 12 information sessions at multi-family complexes.
- Renewed agreement with Recycle BC for residential Blue Box and Blue Cart collection services.
- Completed review of garbage and recycling collection services and awarded a new contract for the provision of residential solid waste and recycling collection service commencing January 2019.
- Launched an enhanced automated voice recording and call queuing system to improve the customer experience and provide efficient call management. The Environmental Programs Information Line also supported 16,647 customer service calls.
- Supported the Green Ambassadors program which engaged 145 student volunteers as they contributed 2,750 hours to promote recycling and responsible waste management at 24 special events. Green Ambassadors also spent 458 hours at training and networking symposiums hosted by the City.

### Report 2018 Overview

The 2018 Report contains four sections. The first two sections provide an annual outlook on the past year and provide data collected to track progress on the City's various garbage and recycling programs and services, and highlights future key planned initiatives. The Report also includes a section that provides detailed information about recycling and waste management programs and services available to residents. The final section is a comprehensive tips and resources guide with information about where to recycle, dispose or donate various household items in Richmond.

The following is a summary overview of each chapter:

*Section 1: Annual Outlook* highlights the City's achievements over the past year, including expansion of the items accepted at the Richmond Recycling Depot to include flexible plastic packaging; successful implementation of the City's annual communication and outreach initiatives to improve recycling quality and quantity; and the completion of key agreements with Recycle BC and a garbage and recycling collection contractor. A new feature is added in this report to celebrate the contributions of the Green Ambassadors by featuring the experiences of two youth involved in the program. This section also provides a brief summary of the new initiatives and service targets for the upcoming year.

*Section 2: Tracking Our Progress* provides data on a broad spectrum of programs, services and initiatives. This section highlights how each program contributes to the overall diversion target and sustainable waste management goals. Residents in single-family homes achieved 78% waste diversion, only 2% from the City's 80% diversion target. Through the Green Cart programs, residents diverted approximately 21,878 tonnes of food scraps and yard trimmings were diverted

from landfill. The Blue Box and Blue Cart programs diverted more than 8,009 tonnes of packaging and printed paper. At the Richmond Recycling Depot, more than 3,744 tonnes of materials were collected. The Large Item Pick Up program fulfilled 8,543 service requests with 13,905 items picked up for recycling or proper disposal. Through outreach and customer service initiatives, 16,347 customer service calls were addressed and the Green Ambassadors contributed 2,752 volunteer hours to assist at special event recycling and environmental training. The City delivered 65 waste reduction and recycling workshops as well as Recycling Depot tours with 1,263 attendees.

*Section 3: Programs and Services* provides a comprehensive guide to recycling and waste management. There are detailed descriptions of the wide range of recycling and waste management programs and services that are available for residents including tips on how to manage waste effectively and efficiently. Also included is information on litter collection, public spaces and special event recycling as well as community and school engagement programs.

*Section 4: Tips and Resources* provides a quick search guide outlining what to do with special waste items and banned materials, including recycling and disposal options through take-back programs. There is contact information and locations for Richmond services and community partners involved in stewardship programs.

### Moving Forward

As the City continues to work with residents, volunteers and community partners to achieve the region's aspirational goal of 80% waste diversion by 2020 and to be a Recycling Smart City, the City will be implementing a number of expanded services to make it easy and convenient for residents to recycle their household waste. Key focus areas in 2019 will include:

- Expand items accepted at Richmond Recycling Depot to include propane tanks, butane cylinders, upholstered furniture, tires, electronics, fire extinguishers, used motor oil, smoke alarms and car batteries. Conduct site upgrades at the Richmond Recycling Depot to enhance customer service and user experience.
- Collaborate with Richmond School District launch an awareness campaign on flexible plastic packing recycling at schools.
- Raise awareness on the issue of marine plastics. Research and stay current on policies and actions around the world.
- Expand the Large Item Pick Up program to six items per household per year and add tires as an eligible item.
- Continue to conduct public engagement through workshops, depot tours, and information booth at special events and support 2019 REaDY Summit.
- Continue to promote Green Ambassadors program and incorporate program information on the City's webpage to increase program recognition.

**Proposed Communication**

Subject to Council’s direction, the annual “Report 2018: Recycling and Solid Waste Management – Building Momentum Towards 80% Diversion” will be made available on the City’s website and through various communication tools including social media channels as part of community outreach initiatives.

**Financial Impact**

None.

**Conclusion**

Through the “Report 2018: Recycling and Solid Waste Management – Building Momentum Towards 80% Diversion”, the City is providing its residents with an annual progress report. By tracking progress towards its goals for waste diversion and reporting this to the community, the City is demonstrating Richmond’s commitment to responsive services, responsible government and accessible information and communication.

It is through residents’ participating and commitment to recycling that those living in single-family homes have achieved 78% waste diversion in 2018, which is on track to achieve the region’s aspirational goal to divert 80% of waste by 2020.



Suzanne Bycraft  
Manager, Fleet and Environmental Programs  
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SJB:lh

Att. 1: Report 2018: Recycling and Solid Waste Management – *Building Momentum Towards 80% Waste Diversion*

Attachment 1 – Report 2018: Recycling and Solid Waste Management –  
*Building Momentum Towards 80% Diversion*

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

# REPORT 2018

**BUILDING MOMENTUM TOWARDS 80% DIVERSION**





## Thank You to Residents

The City of Richmond has introduced a number of new and expanded programs over the last several years, all with an aspirational goal to divert 80% of waste from the landfill by 2020.

This has involved changes to how residents recycle, and increased emphasis on recycling correctly to keep fees down.

Thanks to the efforts of Richmond residents, the City is a leader in recycling and is on track to achieve 80% diversion. The amount being diverted is currently at 78%. We know that those last 2% may be the most difficult to achieve, but we are confident that Richmond residents are up to the task because they have continuously demonstrated a shared commitment to recycle and reduce waste. We appreciate our residents' efforts to leverage the programs we offer to keep waste out of the landfill, and we look forward to working with the community in 2019 as we build on the momentum from the past year to achieve our goals.

We also want to thank the volunteers and organizations in our community who take a leadership role in promoting recycling. We have youth Green Ambassadors who work at events and help teach other students about recycling correctly, as well as Recycling Champions who help their neighbours with recycling. We also value the commitment of event organizers in our community who use the City's Event Recycling Program to make sure there are recycling bins strategically placed throughout the grounds to make it easy for event guests to recycle.

Together, we have the ability to be a Recycling Smart City. Thank you for helping us keep our City beautiful and manage our waste in a way that is responsible and sustainable.

# Contents

|            |                                      |           |
|------------|--------------------------------------|-----------|
| <b>1.0</b> | <b>Annual Outlook</b>                | <b>3</b>  |
| 1.1        | 2018 Top Accomplishments             | 6         |
| 1.2        | Setting Goals                        | 8         |
| <b>2.0</b> | <b>Tracking Our Progress</b>         | <b>11</b> |
| 2.1        | Diversion Statistics                 | 12        |
| 2.2        | Outreach and Customer Service        | 20        |
| <b>3.0</b> | <b>Programs and Services</b>         | <b>27</b> |
| 3.1        | Program and Service Overview         | 28        |
| 3.2        | Blue Box and Blue Cart Programs      | 30        |
| 3.3        | Green Cart Program                   | 36        |
|            | Yard Trimmings Drop-off              | 39        |
| 3.4        | Garbage Cart Program                 | 40        |
| 3.5        | Richmond Recycling Depot             | 42        |
|            | Depot Map                            | 44        |
| 3.6        | Large Item Pick Up Program           | 46        |
| 3.7        | Public Spaces Programs               | 48        |
| 3.8        | Outreach and Customer Service        | 50        |
| <b>4.0</b> | <b>Tips and Resources</b>            | <b>53</b> |
| 4.1        | Community Resources and Partnerships | 54        |
| 4.2        | Banned and Hazardous Materials       | 56        |
| 4.3        | Recycling and Disposal Directory     | 57        |

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

We strive to help create a more resilient environment through our programs and services. We believe that it is our responsibility to preserve our community and our planet for future generations.

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





CITY OF RICHMOND



## 2% TO TARGET

Richmond is only 2% away from achieving the region's aspirational target to divert 80% of waste from the landfill by 2020.

Richmond has also taken steps to ensure that waste from single-family home demolitions is getting diverted from landfills. Through its Demolition Waste and Recyclable Materials Bylaw, a minimum of 70% of the waste from demolition of single-family/two-family homes and accessory buildings must be recycled. The development of this initial recycling requirement has now led to a new program offered through the City to promote reuse of homes rather than tearing them down. This House Moving and Salvage program provides an inventory listing of available homes to promote re-use connections and opportunities. Both of these programs are managed through the Building Approvals Department and contribute significantly to reducing the amount of waste going to landfills.

Achieving a more sustainable approach to waste management also involves working with partners and contractors in the industry who share the same goals. The City renewed its contract with Recycle BC and this partnership supports recycling and also helps generate revenue to offset costs for residents. Revenue is also generated through the City's partnership with product stewardship programs through collection of recyclables at the Richmond Recycling Depot. The City generates revenue when collected product stewardship items like paint, pesticides and appliances are sent through for processing. Richmond also completed a review of garbage and recycling collection services and awarded a new contract for the provision of residential solid waste and recycling collection service commencing January 1, 2019. As part of this agreement, the City works with its recycling and garbage collection contractor to increase awareness of how to recycle correctly.

Raising awareness about how to recycle consistently and correctly remains key to achieving 80% waste diversion by 2020. The City's outreach includes working with high school students through the Green Ambassador program, providing workshops for residents to help them understand why it's important to recycle, as well as how to do so correctly. The City hosts tours at the Richmond Recycling Depot and provides recycling support at events in the community, which offers benefits of both increasing awareness and the amount of recycling done at events. The City is also leveraging technology to help residents understand how to recycle. In addition to offering a Recycling Wizard to help find out where to recycle household items, the City has expanded services on the Richmond Collection Schedule app to allow residents to order supplies and play the Recycling Challenge Game, which both educates and entertains.

In addition to raising awareness about increasing the amount of recycling and reducing waste, the City continues to focus on increasing understanding about how to recycle correctly. This includes making sure that recyclable items are put in the correct bin and keeping non-recyclable items such as hazardous waste or other items that are not accepted out of recycling bins. Improving the quality of recycling is no longer just an ideal – it's a requirement. This is because China, the world's largest purchaser of recycled materials, has established higher standards for recycling quality under its National Sword campaign and will not purchase contaminated recycling. As well, the City may be subject to fines and other penalties when its contamination levels exceed 3% as part of its contract with Recycle BC.

The City continues to promote its Let's Recycle Correctly campaign, which includes education and tips about how to recycle correctly and enforcement if needed to address consistent problem areas. Maintaining recycling quality is essential for keeping costs down, which benefits residents.

Looking ahead to 2019, the City is well-positioned to continue its momentum towards achieving its goal for 80% waste diversion and to be a Recycling Smart City. Recognizing that the remaining 2% is likely from food scraps and plastics that are still not being recycled, the City will focus its communication and outreach in these areas.

In addition, the City will be implementing a number of expanded services at the Richmond Recycling Depot to make it even more convenient for residents to recycle their household waste. There will also be continued emphasis on working with community members and organizations who share the same commitment to sustainable waste management and supporting a beautiful, litter-free community.

## HOW RESIDENTS CAN HELP US REACH OUR TARGET

### 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 and avoiding single-use items such as bottles, film wrap, plastic bags and Styrofoam containers.

### 3. REUSE

Donate used items in good condition so that they can be reused. Check out [www.richmondshares.bc.ca](http://www.richmondshares.bc.ca)

### 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).

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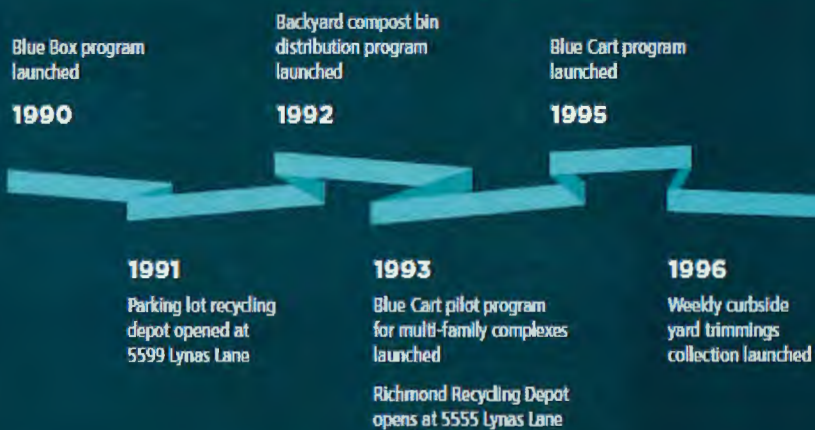
# 1.1

## 2018 Top Accomplishments

Working with the community and partner organizations, the City of Richmond continues to take a leadership role in sustainable waste management. This report showcases some of the key achievements in 2018, as well as looking back on the City's top accomplishments over the last decade.

### RECYCLING MILESTONES

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



**1 FLEXIBLE PLASTIC PACKAGING RECYCLING**

Expanded items accepted at the Richmond Recycling Depot to include flexible plastic packaging.

**2 IMPROVED CUSTOMER EXPERIENCE**

Launched an enhanced automated voice recording and call queuing system to improve customer experience and provide efficient call management.

**3 PUBLIC SPACES RECYCLING**

Installed 22 new public space recycling containers that are of newer design and implemented standard signage guidelines.

**4 COMMERCIAL AND MULTI-FAMILY DEVELOPMENT GUIDELINES**

Published user-friendly commercial and multi-family development guidelines to assist in design of garbage and recycling spaces to support increased diversion.

**5 GREEN AMBASSADORS PROGRAM**

Supported 24 special events and 10 symposiums for training and engagement with 2,752 volunteer hours. Developed outreach materials for the Green Ambassadors such as a table cover, banner and an interactive sorting game to increase recognition of the program at community events.

**6 COMMUNITY OUTREACH**

Held 22 Richmond Recycling Depot tours, 22 food waste reduction workshops, 21 recycling workshops, 14 outreach displays and 12 sessions at multi-family complexes with approximately 1,260 attendees and a successful compost giveaway event.

**7 NEW CONTRACT AWARDED**

Completed review of garbage and recycling collection services and awarded a new contract for the provision of residential solid waste and recycling collection service commencing January 1, 2019.

**8 GARBAGE COLLECTION EFFICIENCY**

Installed three in-ground litter collection containers to address capacity concerns and reduce service frequency.

**9 RECYCLE BC AGREEMENT**

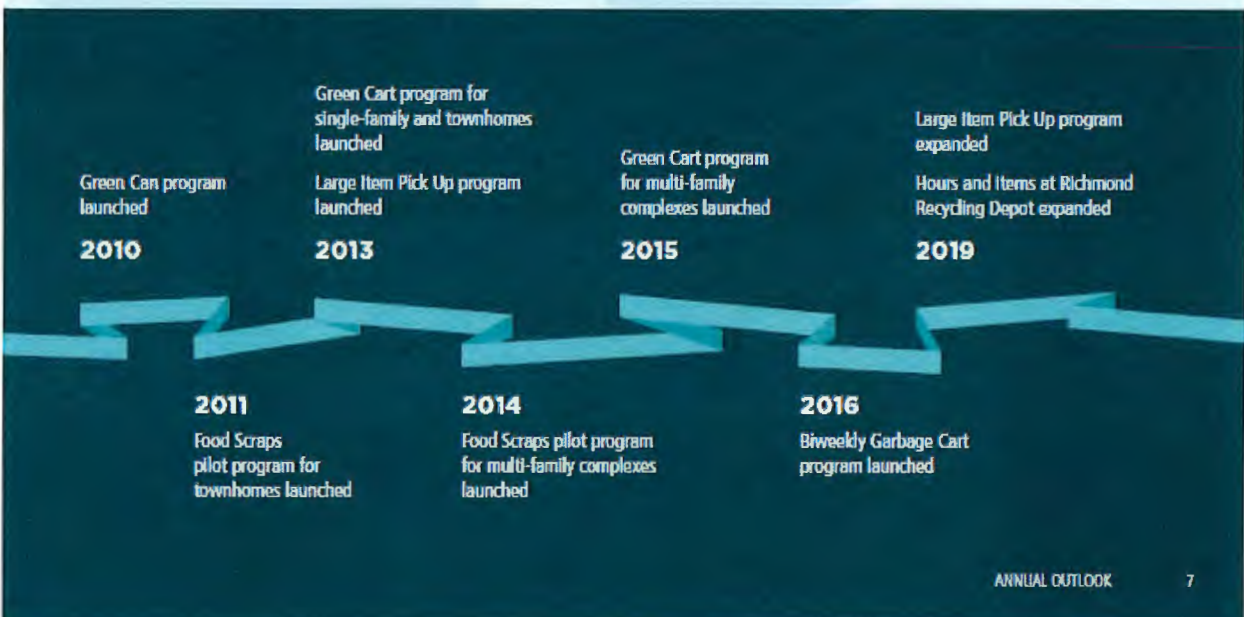
Renewed agreement with Recycle BC for residential Blue Box and Blue Cart collection services.

**10 SPECIAL EVENT RECYCLING**

Provided 76 special events (243,000 attendees) with more than 250 recycling stations.

**11 NEW APP TOOLS**

Introduced Recycling Challenge Game and online recycling supplies ordering tools through the Richmond Collection Schedule app.



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# 1.2 Setting Goals

Richmond’s long-term goal is to be a Recycling Smart City, 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

Include motor oil and antifreeze, smoke alarms, passenger/light duty truck tires, bicycle tires, fire extinguishers, propane tanks, butane cylinders, electronics and upholstered furniture, and extend days of operation to six days per week (Tuesday to Sunday). Promote expansion through increased community outreach and education.

### 2 EXPAND COMMUNICATION AND ENGAGEMENT

Develop and implement a communication plan to achieve 80% waste diversion.

### 3 EXPAND THE LARGE ITEM PICK UP PROGRAM

Increase program to six items per household annually and add tires as an eligible item.

### 4 PROMOTE GREEN AMBASSADOR PROGRAM

Incorporate Green Ambassador program information on the City’s website to increase program recognition.

### 5 RAISE AWARENESS ON THE ISSUES OF MARINE PLASTICS

Research and stay current on policies and actions around the world and increase awareness of how to reduce plastic litter in Richmond.

### 6 DEVELOP STRATEGY TO ADDRESS ILLEGAL DUMPING

Continue development of the Illegal Dumping Overview and Strategy.

### 7 SUPPORT COMMERCIAL/ MULTI-FAMILY RECYCLING GUIDELINES

Update guidelines to incorporate service vehicle clearance to ensure they can enter buildings safely when collecting materials.

### 8 COMPLETE CITY DISASTER DEBRIS MANAGEMENT PLAN

Prepare the Richmond-specific Disaster Debris Management Plan and provide staff training.



# Youth Leading the Way

## MEET SOME OF OUR GREEN AMBASSADORS

In Richmond, there's a group of young people who can honestly say they are making a difference in their community.

They are the Green Ambassadors, and through their volunteer work they help to reduce waste and increase recycling. With their help, more than 70% of waste is recycled at events and they teach other youth and the community about recycling and other sustainability programs by hosting the REaDY Summit to celebrate Earth Day each year.

With these significant contributions to the community, it's interesting to learn that some of the biggest rewards are those they experience personally.

"Without the Richmond Green Ambassador program, I wouldn't have been able to learn so much about environmental sustainability," says Jason Pang who has been part of the program for four years. "I decided to join the program as I wanted to be exposed to different green careers and governmental social work. I am confident to say that my dream to become a sustainability strategist started from being a Green Ambassador."

For Eve Katayama, being a Green Ambassador has been both educational and rewarding.

"I signed up because I wanted to support the community in a way that a lot of people may not want to, and I know we are making changes that impact the community," says Katayama. "But I've found it rewarding beyond that as we interact with different people from different schools who have the same passion for this that I do."

Katayama also notes that she's learned a lot about how to manage waste properly as well as other sustainability areas such as transportation.

Pang says he is proudest of being able to educate the public on sustainable waste management and to promote being more environmentally conscious in the community. In particular, he finds the work he's done at events to recycle waste – and keep the area clean of litter – to be very rewarding. He also participates in and leads regular monthly symposiums hosted by the



Green Ambassadors assisting at Farm Fest. Left to right: Rebecca Sayson, Sarah Chen, Jason Pang and Eric Che.

Green Ambassadors where they learn about a diverse range of topics from energy conservation to wetlands protection.

"It's really great that I have the opportunity to connect with other youth leaders to work on promoting environmental awareness in our schools," adds Pang. "As a presenter myself, I found being able to introduce a unique perspective on relevant environmental issues to be very enlightening to myself as an educator and to my peers as learners."

For Katayama, participating in the REaDY Summit is an experience that stands out, in large part because she didn't know it existed before becoming a Green Ambassador.

"It's amazing how high schoolers can get the chance to educate younger kids and adults," said Katayama. "I was surprised that many citizens didn't know or seem to care about sorting their waste. I wish they knew more about the impact it makes when they throw things in recycling rather than the trash, and how they can make a difference."

Pang also has advice for residents. He recommends that residents visit [www.richmond.ca/recycle](http://www.richmond.ca/recycle) to learn more about how to recycle properly, and to look for ways to reduce waste.

"Change doesn't happen in a day. It is very important that we take small steps towards changing our personal habits to increase recycling and reduce waste overall," adds Pang.



# REPORTING ON OUR SUCCESSES





# 2.0

## Tracking Our Progress

As part of tracking progress towards its goal to divert 80% of waste from landfills by 2020, the City of Richmond collects data across a broad spectrum of programs, services and activities. This data provides annual tracking, showing how residents have improved their recycling over the years.

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 includes workshops, games and activities, student programs and the use of technology through the Richmond Collection Schedule app.

The City's reporting also highlights how partnerships help to increase the quality and quantity of recycling at events hosted in Richmond, and projects to promote a beautiful, litter-free community.

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# 2.1

## Diversion Statistics

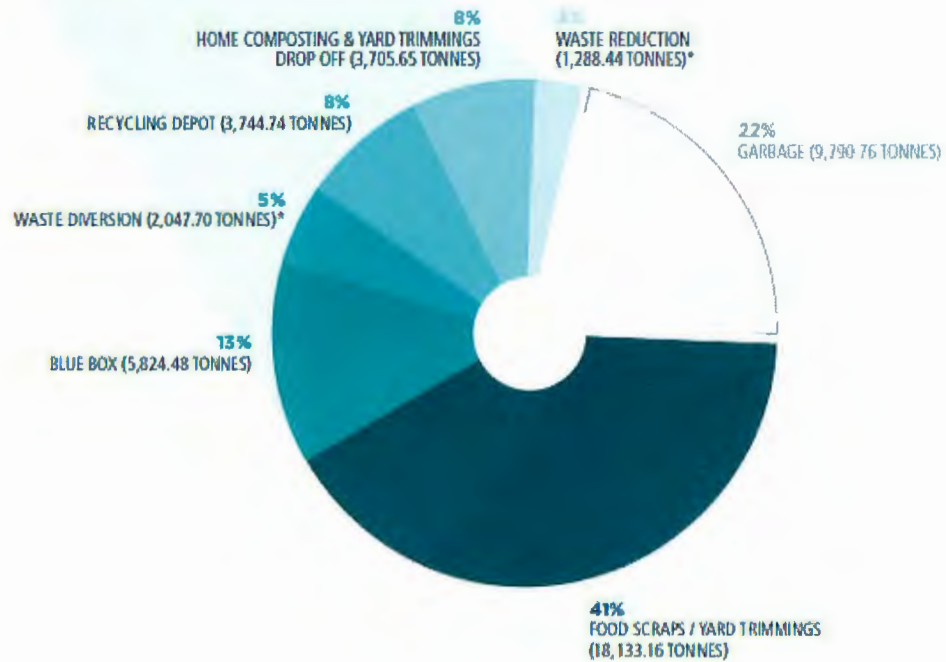


Richmond residents in single-family homes diverted 78% of their waste from the landfill in 2018, coming to within 2% of the City's diversion target.

### SINGLE-FAMILY RECYCLING IN 2018



Residents took advantage of a variety of programs to divert 78% of their waste from the landfill in 2018.



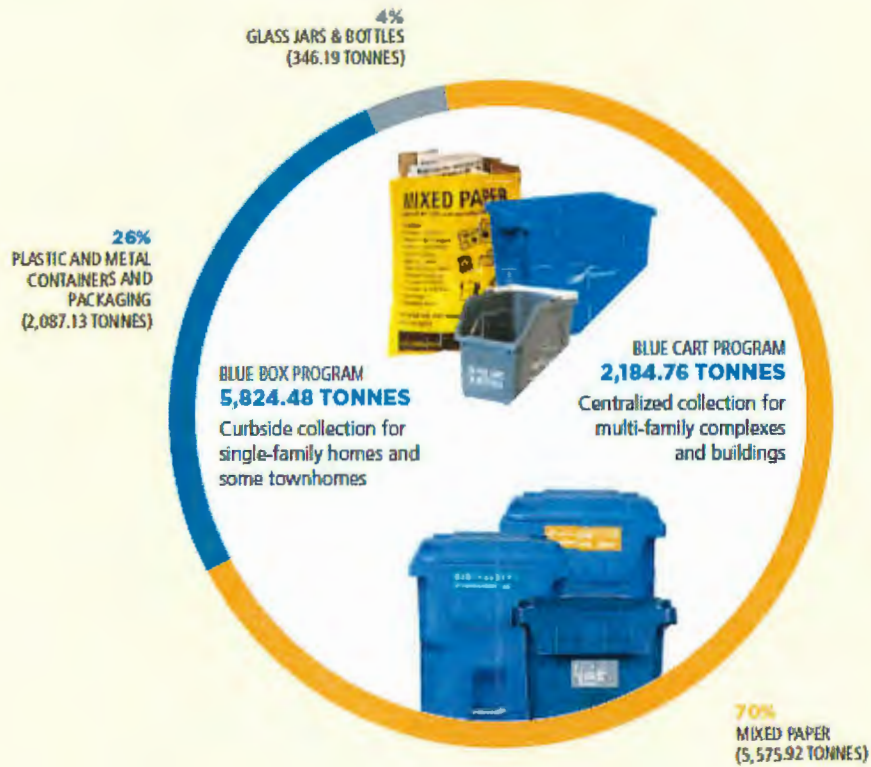
Residents were able to achieve this through a number of recycling and waste reduction opportunities, including curbside and Richmond Recycling Depot collection, as well as composting programs.

\* ESTIMATED

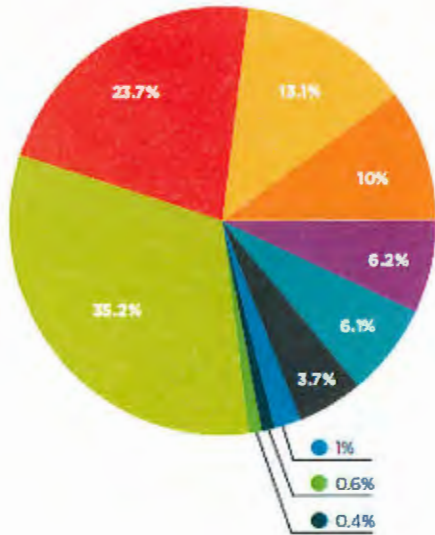
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## BLUE BOX AND BLUE CART PROGRAMS RECYCLING MIX IN 2018

Through the Blue Box and Blue Cart programs, residents recycled a total of **8,009.24 tonnes** of recyclable materials.



### MATERIALS COLLECTED AT THE RICHMOND RECYCLING DEPOT



In 2018, **3,744.74 tonnes** of recyclable materials were collected at the Recycling Depot.

- YARD TRIMMINGS (1,319.48 TONNES)
- SCRAP METAL (885.85 TONNES)
- MIXED PAPER/NEWSPRINT (488.82 TONNES)
- LARGE ITEM PICKUP (373.62 TONNES)
- PRODUCT STEWARDSHIP (232.81 TONNES)\*
- CARDBOARD (227.98 TONNES)
- PLASTIC CONTAINERS (137.12 TONNES)
- PLASTIC BAGS (41.53 TONNES)
- STYROFOAM (21.28 TONNES)
- GLASS (16.25 TONNES)

\* This includes yard trimmings, scrap metal, mixed paper products and rigid plastic containers.

8,009.24 tonnes **BLUE BOX AND BLUE CART** + 3,744.74 tonnes **RECYCLING DEPOT**

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**= 11,753.98 tonnes recycled in 2018**

TRACKING OUR PROGRESS 11



**TAKE-BACK PROGRAMS AT THE RICHMOND RECYCLING DEPOT**



**PAINT**  
209,520  
EQUIVALENT  
LITRES



**AEROSOLS**  
10,675 EQUIVALENT  
LITRES



**SOLVENTS & PESTICIDES**  
9,936 EQUIVALENT  
LITRES



**SMALL APPLIANCES**  
99 TONNES



**CFLS**  
476 BOXES



**4' TUBES 8' TUBES**  
362 BOXES 45 BOXES

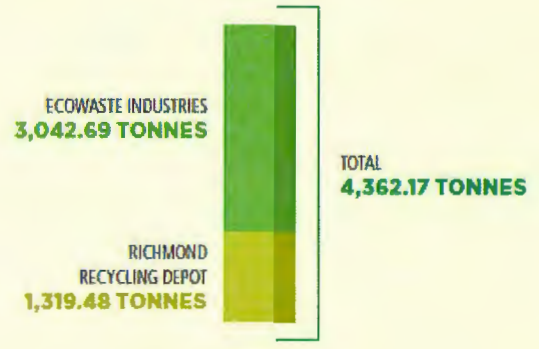
### RESIDENTIAL GREEN CART RECYCLING IN 2018



Residents diverted 21,878.95 tonnes of food scraps and yard trimmings from landfill in 2018 to be composted into new resources.

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

In 2018, 4,362.17 tonnes of yard trimmings were collected at the Richmond Recycling Depot and the Ecowaste residential and commercial drop-off service.



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### LARGE ITEM PICK-UP IN 2018

APPROXIMATELY  
**8,543**  
REQUESTS  
FOR SERVICE



**2,914**  
MATTRESSES &  
BOXSPRINGS



**535**  
WASHERS & DRYERS



**278**  
TELEVISIONS



**585**  
FRIDGES & FREEZERS



**356**  
BARBECUES



**198**  
DISHWASHERS

**595** TONNES  
WERE  
COLLECTED

OF THIS, **293** TONNES  
WERE  
RECYCLED



**231**  
STOVES



**48**  
MICROWAVES

**13,905**  
ITEMS  
COLLECTED

**7,794**  
NON-RECYCLABLE HOUSEHOLD  
ITEMS COLLECTED FOR SAFE  
HANDLING AND DISPOSAL

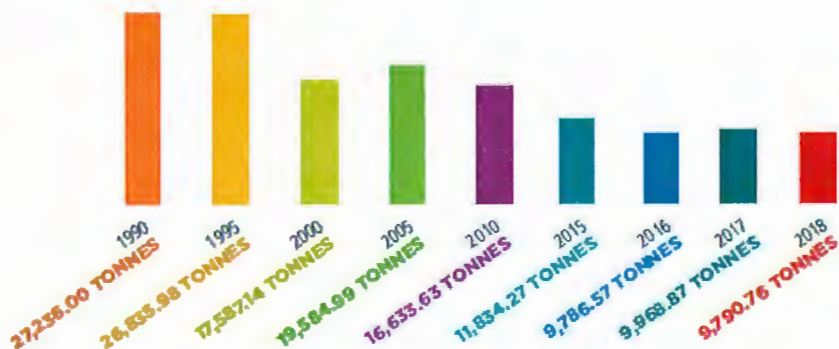


**966**  
OTHER RECYCLABLE  
ITEMS

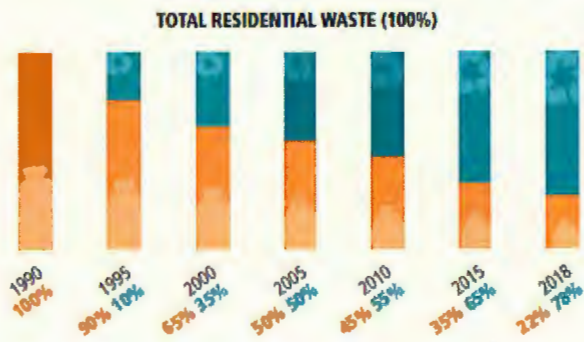


## FROM GARBAGE DISPOSAL TO DIVERSION

### 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

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# 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**

**16,347**  
CUSTOMER SERVICE  
CALLS SUPPORTED

**14**  
OUTREACH DISPLAYS  
AT SPECIAL EVENTS

**12**  
INFORMATION SESSIONS AT  
MULTI-FAMILY COMPLEXES

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**

**1,217**  
GARBAGE DISPOSAL  
VOUCHERS SOLD

**9,970**  
GARBAGE TAGS SOLD

**77**  
COMPOST BINS  
SOLD

**LITTER COLLECTION**

BINS INSPECTED **9,496** TIMES PER MONTH

AND SERVICED **15,795** TIMES PER MONTH

FOR A COMBINED TOTAL OF **303,492** BIN VISITS PER YEAR

CREWS TRAVEL **3,051** KILOMETRES PER WEEK TO INSPECT AND SERVICE BINS

CITY OF RICHMOND

### ONLINE SEARCH AND TIPS TOOLS



#### RICHMOND COLLECTION APP - ALL-TIME STATS



**126,996**  
RECYCLE WIZARD  
MATERIALS SEARCHED

**6,190**  
APPS INSTALLED  
TO DATE

**9,661**  
ACTIVE  
REMINDERS

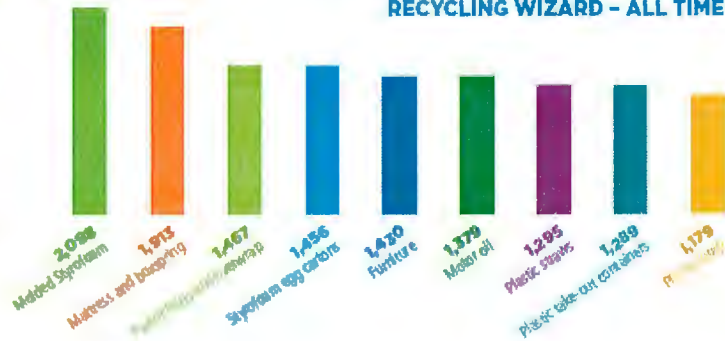
**737**  
RECYCLING GAMES  
PLAYED

**49,296**  
TOTAL ALL-TIME  
APP USAGE

**2,837**  
PDF CALENDAR  
DOWNLOADS

**61,404**  
RECYCLING  
WIZARD  
SEARCHES

#### TOP MATERIALS SEARCHED ON THE RECYCLING WIZARD - ALL TIME



## SCHOOL AND YOUTH ENGAGEMENT

### GREEN AMBASSADOR PROGRAM

**2,752**  
HOURS OF YOUTH  
VOLUNTEERING & TRAINING

In 2018, 145 youth volunteered in Richmond's Green Ambassador program.



The annual **REaDY Summit** engaged 270 elementary students from 9 schools, 30 teachers and parents and 50 student leader volunteers



**24 special events** were supported by Green Ambassadors, with 2,294 hours

**10 symposiums for training and networking** with fellow Green Ambassadors for a total of 458 training hours



CITY OF RICHMOND

## EVENT RECYCLING

In 2018, the City hosted recycling stations at **76 events** and Green Ambassadors supported **24 events** to help keep recyclable materials out of the garbage at events.

Typically very high diversion rates are achieved at civic events, thanks to the Green Ambassador volunteers. Examples are below.



## COMMUNITY ENGAGEMENT

### COMMUNITY WORKSHOPS AND TOURS

**65**  
COMMUNITY  
WORKSHOPS AND TOURS  
OFFERED IN 2018

**1,263**  
PARTICIPANTS

| TYPE                           | NUMBER    | PARTICIPANTS |
|--------------------------------|-----------|--------------|
| Food Waste Reduction Workshops | 22        | 308          |
| Recycling Workshops            | 21        | 540          |
| Richmond Recycling Depot Tours | 22        | 415          |
| <b>Total</b>                   | <b>65</b> | <b>1,263</b> |

### COMMUNITY CLEAN-UP EVENTS

Environmental Programs partnered with Parks in 2018 to support community clean-up events along Richmond's waterfront and in other public spaces throughout Richmond.

**32**  
COMMUNITY  
CLEAN-UP  
EVENTS







# 3.0

## Programs and Services

Richmond residents in single-family homes divert 78% 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 be a Recycling Smart City and implement sustainable waste management. Through partnerships and community engagement, Richmond's commitment to continuous improvement results in enhanced services to benefit residents.

CITY OF RICHMOND

# 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. This program is provided to over 40,565 residential units in single-family homes and townhomes. For details, see page 30.



### 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. This program is provided to more than 37,685 multi-family units. For details, see page 30.



### 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 more than 4,500 garbage and recycling bins throughout the city, collecting additional litter along the way. For details, see page 49.



**PUBLIC SPACES AND EVENT RECYCLING**

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



**COMMUNITY AND SCHOOL ENGAGEMENT**

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



# 3.2

## Blue Box and Blue Cart Programs

Richmond's Blue Box and Blue Cart recycling programs provide convenient collection of a wide variety of materials including mixed paper, plastic containers, milk cartons, paper and plastic drink cups, empty aerosol cans and spiral wound tins like frozen juice concentrate containers as well as glass bottles and glass jars. Approximately 78,250 residential units are serviced with weekly collection under these programs.

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 and glass 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 and 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 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**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>✗ Aerosol cans with hazardous materials (spray paint) *</li> <li>✗ Butane cylinders*</li> <li>✗ Ceramic plant pots</li> <li>✗ Compostable/biodegradable plastic bags &amp; containers</li> <li>✗ Containers for motor oil, vehicle lubricant or wax products</li> <li>✗ Foil-lined cardboard lids from take-out containers</li> </ul> | <ul style="list-style-type: none"> <li>✗ Garden hoses</li> <li>✗ Plastic bags &amp; overwrap*</li> <li>✗ Plastic string or rope</li> <li>✗ Propane tanks*</li> <li>✗ Styrofoam materials*</li> </ul> |
|--|--|
- \* 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 nesting 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**



**✓ ACCEPTED**

- ✓ Newspapers, inserts & flyers
- ✓ Flattened cardboard boxes
- ✓ Catalogues & magazines
- ✓ Cereal boxes
- ✓ Clean pizza boxes
- ✓ Comugated cardboard (small pieces)
- ✓ Envelopes
- ✓ Junk mail
- ✓ Paper bags
- ✓ Paper egg cartons
- ✓ Paper gift wrap & greeting cards
- ✓ 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 & BOTTLES – GLASS RECYCLING BIN/CART



✓ **ACCEPTED**

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



✗ **NOT ACCEPTED**

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



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



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



#### Set Out Time

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

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



#### Report a Missed Collection

Call 604-276-4010 or email [garbageandrecycling@richmond.ca](mailto:garbageandrecycling@richmond.ca).



#### How to Get More Free Recycling Supplies

- Supplies include:
- Blue Boxes
  - Glass Recycling Bins
  - Indoor Collection Bags
  - Mixed Paper Recycling Bags

- Three ways to order supplies:
1. Pick up at Richmond Recycling Depot
  2. Call 604-276-4010
  3. Order online at [www.richmond.ca/recyclesearch](http://www.richmond.ca/recyclesearch)

**Richmond Recycling Depot**  
5555 Lynas Lane  
Tuesday to Sunday (Closed on Mondays and Statutory Holidays)  
9:00 a.m. to 6:15 p.m.

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It's important to think of recycling as a commodity to sell – not waste.

### LET'S RECYCLE CORRECTLY!

Richmond introduced a new information and awareness campaign – Let's Recycle Correctly! – to help inform residents about how to improve the quality of their recycling by reducing contamination.

It is becoming increasingly critical to generate quality recycling as China, the world's largest purchaser of recycled materials, is setting high standards for recycling quality under its National Sword campaign and will not purchase contaminated recycling. As well, the City is subject to fines and other penalties when contamination is found in recycling, which increases taxpayer costs.

The City's Let's Recycle Correctly! campaign began in 2017 and continued into 2018 with a goal to help increase awareness about how to sort recycling correctly and reduce contamination. The campaign included information kits for residents, as well as advertising, social media, promotion of the City's Recycling Wizard and other outreach. City recycling teams conducted random recycling audits throughout the community and worked with residents to help them improve the quality of their recycling. The City will continue to promote correct recycling through similar initiatives in 2019.



**AVOIDING CONTAMINATION: WHAT TO WATCH FOR**



| TYPES OF CONTAMINATION   | 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.                   |
| Recyclable items that are not accepted in Blue Box / Blue Cart<br>(Styrofoam, plastic bags, paints and solvents, batteries and cell phones, a non-packaging plastics like toys and coat hangers) | Drop off at Richmond Recycling Depot – 5555 Lynas Lane.                        |
| Non-recyclable plastic<br>(Straws and plastic cutlery)   | These are not recyclable. Please put in Garbage Cart.                          |
| Containers with food residue   | Remove food and rinse before placing in Blue Box or Containers Recycling Cart. |
| Propane tanks and butane cylinders   | Drop off at Richmond Recycling Depot – 5555 Lynas Lane.                        |
| Electronics  | Drop off at Richmond Recycling Depot – 5555 Lynas Lane.                        |

**Do you know where it goes?**

Non-packaging plastics like toys and coat hangers are **not accepted** in your Blue Box or Blue Cart, but can be taken to Richmond Recycling Depot.



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# 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.

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, Styrofoam or biodegradable/compostable 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 towels, napkins & plates
- ✓ Pizza delivery boxes
- ✓ Small amounts of grease/oil absorbed into paper towel
- ✓ Solid grease
- ✓ Table scraps & food scrapings
- ✓ Tea bags
- ✓ Vegetables

**YARD TRIMMINGS**

- ✓ Flowers
- ✓ Leaves
- ✓ Grass clippings
- ✓ Other organic yard materials
- ✓ Plants (living or dead/dried)
- ✓ Plant trimmings
- ✓ Tree & hedge prunings

**✗ NOT ACCEPTED**

- ✗ Coffee cups
- ✗ Compostable and biodegradable plastic bags
- ✗ Styrofoam cups, meat trays or takeout containers
- ✗ Garden hoses or flower pots
- ✗ Liquid grease
- ✗ Lumber
- ✗ Pet feces or kitty litter
- ✗ Plastic bags and plastic overwrap
- ✗ Plastic wraps
- ✗ 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 Cars.



## 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](mailto:garbageandrecycling@richmond.ca). There is a \$25 administration fee for cart exchanges.

### SINGLE-FAMILY HOMES CART SIZE SELECTION



**STANDARD**

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



**STANDARD**

- Small**  
80 litres  
D 21.5 x W 16 x  
H 34.5 inches
- 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 Triangle 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 [www.ecowaste.com](http://www.ecowaste.com) or call 604-277-1410 for detailed information.

#### City Recycling Depot

5555 Lynas Lane  
Tuesday to Sunday (Closed on Mondays and 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 Noval Rural Park located 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](mailto: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](mailto: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 [www.richmond.ca/recyclesearch](http://www.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 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 [www.richmond.ca/garbage](http://www.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., Tuesday to Sunday for drop off of a broad range of materials.

The Recycling Depot is owned and operated by the City of Richmond, with two full-time staff and additional staff support in the summer months 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.





REPORT 2018 • BUILDING MOMENTUM TOWARDS 80% DIVERSION

## 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 onsite 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 Depot per day.

This facility accepts a wide range of materials including cardboard, yard and garden trimmings, mixed paper and newspapers, as well as Styrofoam, used books, cell phones, household batteries and plastic bags. The facility also accepts large appliances (e.g. fridges, stoves, washing machines) and metal items (e.g. bike frames, barbecues, lawn mowers). The facility is also a product stewardship (take back) collection site for small appliances, paints, solvents, flammable liquids, pesticides, lights and lighting fixtures.



### For Sale at the Recycling Depot

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

### Free Recycling Supplies Available at the Recycling Depot

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

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# Welcome to the Richmond Recycling Depot!

Please see attendants for assistance with recycling supplies such as Blue Boxes, and for recycling hazardous materials such as paints, solvents, pesticides and gasoline.





## MATERIALS ACCEPTED

- ✓ Aerosol & spiral wound cans
- ✓ Aluminium materials
- ✓ Appliances
- ✓ Batteries (small household batteries less than 5 kg)
- ✓ Books
- ✓ Butane cylinders
- ✓ Cell phones (including batteries)
- ✓ Clean untreated wood
- ✓ Cooking oil and animal fat
- ✓ Corrugated cardboard (flattened, clean corrugated boxes)
- ✓ Electronics
- ✓ Exercise and hobby machines
- ✓ Flammable aerosols
- ✓ Flammable liquids
- ✓ Flexible plastic packaging
- ✓ Flower pots (paper & plastic pots/trays)
- ✓ Gasoline (in approved ULC containers)
- ✓ Glass bottles and jars (clear & coloured)
- ✓ Lights
- ✓ Lighting fixtures
- ✓ Magazines
- ✓ Metal items
- ✓ Mixed Paper
- ✓ Newspaper
- ✓ Paints (household paints)
- ✓ Paint aerosols
- ✓ Pesticides (domestic pesticides)
- ✓ Plastic containers
- ✓ Plastic grocery bags & plastic overwrap
- ✓ Power tools
- ✓ Propane tanks
- ✓ Sewing, knitting and textile machines
- ✓ Styrofoam packaging
- ✓ Tin and aluminium cans
- ✓ Tires (passenger & light-duty trucks only)
- ✓ Upholstered furniture
- ✓ Yard and garden trimmings

All materials must be sorted into different containers at the Recycling Depot. Please visit [www.richmond.ca/depot](http://www.richmond.ca/depot) for details.



# 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, which will help Richmond achieve its goal for 80% waste diversion from the landfill by 2020.

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 [www.richmond.ca/largeitem](http://www.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 equipment
- ✓ Mattresses or boxsprings – please cover your mattress with a plastic bag.

#### ✗ NOT ACCEPTED

- ✗ Car bodies or parts
- ✗ Carpets
- ✗ Construction materials
- ✗ Drywall
- ✗ Gas lawnmowers
- ✗ Hazardous waste
- ✗ Lumber, demolition or home renovation materials
- ✗ 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 the RCBC Recycling Hotline at 604-732-9253.

\* Take to Richmond Recycling Depot, 5555 Lynas Lane

#### SAFETY CONSIDERATIONS

- ✓ Wrap mattresses and upholstered furniture in plastic or reusable tarp and secure them to prevent these items from getting wet or waterlogged. Wet mattresses and furniture pose safety hazards for lifting and are not accepted at the processing facility. Tarps will be left behind for re-use.
- ✓ 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 more than 4,500 recycling and garbage bins located through the community in public spaces that include parks and business districts. 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 25,291 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. Together, these measures help to support a safe and appealing community.

## 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 the 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. 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 also assists 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 now offers the Recycling Wizard to help residents search for where to recycle household items. The Recycling Wizard is available online at [www.richmond.ca/recyclesearch](http://www.richmond.ca/recyclesearch) and in the Richmond Collection Schedule 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.

**COMMUNITY WORKSHOPS**

Richmond's free community workshops provide education and tips that support recycling and waste reduction techniques. A summary of workshops that focus on helping residents towards the City's goal for 80% waste diversion is provided below.

For information on the workshops, call the Environmental Programs Information Line at 604-276-4010 or email [garbageandrecycling@richmond.ca](mailto:garbageandrecycling@richmond.ca).

| TYPE OF WORKSHOP                      | DESCRIPTION   |
|---------------------------------------|---|
| <b>Food Waste Reduction Workshops</b> | Reduce food waste by learning harvesting, freezing/canning, and fermenting techniques to store foods.   |
| <b>Recycling Workshops</b>            | Learn how to sort household recyclables properly to reduce contamination. Understand the recycling process and the importance recycling has on the environment. |
| <b>Richmond Recycling Depot Tours</b> | Interactive tour of the Richmond Recycling Depot designed to teach residents about the drop-off options available and materials accepted for recycling.         |





# 4.0

## Tips and Resources

In Richmond, we care about our community, and we are working together to trim our waste. The City works with residents and community partners to make it easy and convenient to recycle at home and on the go. It's all about making recycling a way of life.

This at-a-glance resource on the various types of recycling programs and services available through the City of Richmond is a valuable guide to support being recycling smart in Richmond.

The Tips and Resources include highlights such as how and where to recycle, what to do with hazardous waste and where to find additional information.

Resources also include 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 with minimum contamination in the 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:**  
1511 Triangle Road  
Hours of operation and instructions:  
604-277-1410  
[www.ecowaste.com](http://www.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](mailto:composthotline@telus.net)

## RICHMOND SHARES

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

**Richmond Shares:** [www.richmondshares.bc.ca](http://www.richmondshares.bc.ca)

## METRO VANCOUVER RECYCLES

Metro Vancouver Recycles helps you connect with people who could use products you don't need, find options for recycling products and get helpful links to online services.

**Metro Vancouver Recycling Directory:**  
[www.metrovancouverrecycles.org](http://www.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](mailto:hotline@rcbc.bc.ca)



Download the free Richmond Collection Schedule App or use the Recycling Wizard at [www.richmond.ca/recyclesearch](http://www.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 Collection Schedule App available at the Apple and Android app stores. Plus, the app sends you weekly collection day reminders!

The Recycling Wizard is also available online at [www.richmond.ca/recyclesearch](http://www.richmond.ca/recyclesearch).



# 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 Collection Schedule app and at [www.richmond.ca/recyclesearch](http://www.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 Clean wood
- x Containers made of glass, metal or banned recycled plastic ♻️♻️♻️
- x Corrugated cardboard
- x Food waste
- x Green waste
- x Mattresses
- x Propane Tanks
- x Recyclable paper
- x Tires (passenger & light-duty truck only)






For a complete list of banned materials, please visit [www.metrovancouver.org/services/solid-waste/bylaws-regulations/banned-materials](http://www.metrovancouver.org/services/solid-waste/bylaws-regulations/banned-materials)

# 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          |
|--|----------------|
| <b>Jiffy Lube</b><br>10991 No. 4 Road  | 604-448-0142   |
|  <b>Mobil 1 Lube Express</b><br>3011 No. 5 Road | 604-278-1999   |
| <b>Regional Recycling</b><br>13300 Vulcan Way  | 1-855-701-7171 |

For a complete list of antifreeze or containers accepted, visit [www.bcusedoil.com](http://www.bcusedoil.com) or call 604-732-9253.



### APPLIANCES – SMALL

| DROP-OFF LOCATION   | PHONE          |
|---|----------------|
| <b>Richmond Recycling Depot</b><br>5555 Lynas Lane                        | 604-276-4010   |
| <b>Ironwood Bottle &amp; Return-It Depot</b><br>110 - 11020 Horseshoe Way | 604-275-0585   |
| <b>OK Bottle Depot</b><br>7960 River Road                                 | 604-244-0008   |
| <b>Regional Recycling</b><br>13300 Vulcan Way                             | 1-855-701-7171 |
| <b>Richmond Return-It Depot</b><br>135 - 8171 Westminster Hwy             | 604-232-5555   |

For a complete list of small appliances accepted, visit [www.electrorecycle.ca](http://www.electrorecycle.ca) or call 604-732-9253.



### BABY CAR SEATS

| DROP-OFF LOCATION   | PHONE        |
|---|--------------|
|  <b>City of Vancouver Landfill</b><br>5400 72nd Street, Delta                                | 604-873-7000 |
| <b>Pacific Mobile Depots</b> (third Saturday of every month)<br>Britannia Community Centre,<br>1661 Napier Street, Vancouver  | 604-718-5800 |
|  <b>Queensborough Landing Return-It Depot</b><br>Unit A - 409 Boyne Road,<br>New Westminster | 604-540-4067 |



### BATTERIES – AUTOMOTIVE

| DROP-OFF LOCATION                             | PHONE          |
|---|----------------|
| <b>Kal Tire</b><br>2633 No. 5 Road            | 604-278-9181   |
| <b>Regional Recycling</b><br>13300 Vulcan Way | 1-855-701-7171 |

Note: All retail locations accept a used car battery for each new one purchased. For a list of collection sites, please visit [www.recyclemybattery.ca](http://www.recyclemybattery.ca)

CITY OF RICHMOND



**BATTERIES – HOUSEHOLD AND MOBILE PHONES**

Batteries weighing 5kg or less

**DROP-OFF LOCATION PHONE**

|  |                |
|--|----------------|
| Richmond Recycling Depot<br>5555 Lynas Lane    | 604-276-4010   |
| Best Buy<br>700-5300 No. 3 Road                | 604-273-7335   |
| Dr. Battery<br>102-4460 Jacobs Road            | 604-273-8248   |
| Home Depot (batteries only)<br>2790 Sweden Way | 604-303-9882   |
| London Drugs<br>5971 No. 3 Road                | 604-448-4811   |
| 3200 - 11666 Steveston Highway                 | 604-448-4852   |
| Pharmasave<br>116 - 10151 No. 3 Road           | 604-241-2898   |
| Rona<br>7111 Elbridge Way                      | 604-273-4606   |
| Staples<br>8171 Ackroyd Road                   | 604-270-9599   |
| 110 - 2780 Sweden Way                          | 604-303-7850   |
| Regional Recycling<br>13300 Vulcan Way         | 1-855-701-7171 |

For a complete list of batteries accepted, please visit [www.call2recycle.ca](http://www.call2recycle.ca) or call 1-888-224-9764.

For a complete list of mobile phones drop off locations, visit [www.call2recycle.ca/locator](http://www.call2recycle.ca/locator).

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

To erase information from your device, including text messages, contacts and personal files, use Cell Phone Data Erasers by [www.recyclemycell.ca/recycling-your-device](http://www.recyclemycell.ca/recycling-your-device) available for free.

**BUTANE CYLINDERS**

**DROP-OFF LOCATION PHONE**

|   |              |
|---|--------------|
| Richmond Recycling Depot<br>5555 Lynas Lane | 604-276-4010 |
|---|--------------|

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

**DROP-OFF LOCATION PHONE**

|  |                |
|--|----------------|
| London Drugs (smoke detectors only)<br>5971 No. 3 Road | 604-448-4811   |
| 3200 - 11666 Steveston Highway                         | 604-448-4852   |
| Regional Recycling<br>13300 Vulcan Way                 | 1-855-701-7171 |

For a complete list of alarms accepted, please visit [www.regeneration.ca](http://www.regeneration.ca) or call 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<br>5555 Lynas Lane                    | 604-276-4010   |
| Best Buy<br>700 - 5300 No. 3 Road                              | 604-273-7335   |
| Ironwood Bottle & Return-It Depot<br>110 - 11020 Horseshoe Way | 604-275-0585   |
| OK Bottle Depot<br>7960 River Road                             | 604-244-0008   |
| Regional Recycling<br>13300 Vulcan Way                         | 1-855-701-7171 |
| Staples<br>8171 Ackroyd Road                                   | 604-270-9599   |
| 110 - 2780 Sweden Way  | 604-303-7850   |

For a complete list of materials accepted, please visit [www.return-it.ca/electronics](http://www.return-it.ca/electronics) or call 604-473-2400.



**EXERCISE AND HOBBY MACHINES**

**DROP-OFF LOCATION PHONE**

|  |                |
|--|----------------|
| Richmond Recycling Depot<br>5555 Lynas Lane                    | 604-276-4010   |
| Ironwood Bottle & Return-It Depot<br>110 - 11020 Horseshoe Way | 604-275-0585   |
| OK Bottle Depot<br>7960 River Road                             | 604-244-0008   |
| Regional Recycling<br>13300 Vulcan Way                         | 1-855-701-7171 |

For a complete list of materials accepted, please visit [www.return-it.ca/electronics](http://www.return-it.ca/electronics) or call 604-473-2400.



**EYEGASSES**

**DROP-OFF LOCATION**

Drop off at any local optometrist or eye care professional.



**FIRE EXTINGUISHERS**

**DROP-OFF LOCATION PHONE**



|  |              |
|--|--------------|
| Vancouver Fire<br>22131 Fraserwood Way | 604-232-3473 |
|--|--------------|





| FLAMMABLE LIQUIDS, PESTICIDES, SOLVENTS AND GASOLINE |                |
|--|----------------|
| DROP-OFF LOCATION                                    | PHONE          |
| Richmond Recycling Depot<br>5555 Lynas Lane          | 604-276-4010   |
| Regional Recycling<br>13300 Vulcan Way               | 1-855-701-7171 |






For a complete list of flammable liquids, gasoline, pesticides and solvents accepted, please visit [www.regeneration.ca](http://www.regeneration.ca) or call 604-732-9253.

| GENERAL HAZARDOUS MATERIALS   |              |
|---|--------------|
| DROP-OFF LOCATION   | PHONE        |
|  Tervita<br>160 - 13511 Vulcan Way                       | 604-214-7000 |
|  Terrapure Environmental<br>9 - 7483 Progress Way, Delta | 604-952-1220 |



| GYPSUM DRYWALL   |              |
|--|--------------|
| No other materials attached to or on drywall   |              |
| DROP-OFF LOCATION  | PHONE        |
|  City of Vancouver Landfill<br>5400 72nd Street, Delta | 604-873-7000 |
|  New West Gypsum Recycling<br>11871 Horseshoe Way     | 604-534-9925 |
| Vancouver Transfer Station<br>(maximum 1/2 sheet with a paid load of garbage)<br>377 W. Kent Avenue N.                                   | 604-326-4600 |

| HYPODERMIC NEEDLES   |       |
|--|-------|
| DROP-OFF LOCATION  | PHONE |
| Purchase a "Sharps Container" from a pharmacy and return the container to same pharmacy when full. |       |

-  **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**



| LIGHTS AND LIGHTING FIXTURES  |                              |
|---|------------------------------|
| DROP-OFF LOCATION   | PHONE                        |
| Richmond Recycling Depot<br>5555 Lynas Lane   | 604-276-4010                 |
| London Drugs (lightbulbs only)<br>5971 No. 3 Road<br>3200 - 11666 Steveston Highway | 604-448-4811<br>604-448-4852 |
| Rona<br>7111 Elbridge Way   | 604-273-4606                 |
| Regional Recycling<br>13300 Vulcan Way  | 1-855-701-7171               |

For a complete list of lighting products accepted, visit [www.regeneration.ca](http://www.regeneration.ca) or call 604-732-9253.



| LUBRICATING OIL (USED), OIL FILTERS AND PLASTIC OIL CONTAINERS   |                |
|--|----------------|
| DROP-OFF LOCATION  | PHONE          |
| Jiffy Lube<br>10991 No. 4 Road   | 604-448-0142   |
|  Mobil 1 Lube Express<br>3011 No. 5 Road | 604-278-1999   |
| Regional Recycling<br>13300 Vulcan Way   | 1-855-701-7171 |

For a complete list of lubricating oil, oil filters and plastic oil containers accepted, visit [www.bcusedoil.com](http://www.bcusedoil.com) or call 604-732-9253.



| MATTRESSES AND BOXSPRINGS   |              |
|---|--------------|
| DROP-OFF LOCATION   | PHONE        |
|  Canadian Mattress Recycling<br>1210 Cliveden Avenue, Delta | 604-777-0324 |
|  City of Vancouver Landfill<br>5400 72nd Street, Delta      | 604-873-7000 |

Richmond's Large Item Pick Up Program: Contact Sierra Waste at 604-270-4722. Please note some restrictions apply. Visit [www.richmond.ca/largeitem](http://www.richmond.ca/largeitem) for program details.



| MEDICAL DEVICES AND EQUIPMENT                                  |                |
|--|----------------|
| DROP-OFF LOCATION  | PHONE          |
| Richmond Recycling Depot<br>5555 Lynas Lane                    | 604-276-4010   |
| Ironwood Bottle & Return-It Depot<br>110 - 11020 Horseshoe Way | 604-275-0585   |
| OK Bottle Depot<br>7960 River Road                             | 604-244-0008   |
| Regional Recycling<br>13300 Vulcan Way                         | 1-855-701-7171 |

CITY OF RICHMOND



**MUSICAL INSTRUMENTS**

| DROP-OFF LOCATION   | PHONE          |
|---|----------------|
| Richmond Recycling Depot<br>5555 Lynas Lane   | 604-276-4010   |
| Ironwood Bottle & Return-It Depot<br>(electrical instruments only)<br>110 - 11020 Horseshoe Way | 604-275-0585   |
| OK Bottle Depot (electrical<br>instruments only)<br>7960 River Road                             | 604-244-0008   |
| Regional Recycling (electrical<br>instruments only)<br>13300 Vulcan Way                         | 1-855-701-7171 |



**PAINT AND PAINT AEROSOL CONTAINERS**

| DROP-OFF LOCATION                           | PHONE          |
|---|----------------|
| Richmond Recycling Depot<br>5555 Lynas Lane | 604-276-4010   |
| Regional Recycling<br>13300 Vulcan Way      | 1-855-701-7171 |
| Rona<br>7111 Elmbriage Way                  | 604-273-4606   |

For a complete list of paint & paint aerosol containers accepted, please visit [www.regeneration.ca](http://www.regeneration.ca) or call 604-732-9253.



**PHARMACEUTICAL**

**DROP-OFF LOCATION**

All pharmacies accept left over 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](http://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.



**PROPANE TANKS: Refillable**

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



**PROPANE TANKS: Small / disposable**

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



**OUTDOOR POWER EQUIPMENT**

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



**SEWING, KNITTING & TEXTILE MACHINES**

| DROP-OFF LOCATION  | PHONE          |
|--|----------------|
| Richmond Recycling Depot<br>5555 Lynas Lane                    | 604-276-4010   |
| Ironwood Bottle & Return-It Depot<br>110 - 11020 Horseshoe Way | 604-275-0585   |
| OK Bottle Depot<br>7960 River Road                             | 604-244-0008   |
| Regional Recycling<br>13300 Vulcan Way                         | 1-855-701-7171 |
| Richmond Return-It Depot<br>135 - 8171 Westminster Hwy         | 604-232-5555   |



**STYROFOAM - MOLDED PACKAGING & FOOD CONTAINERS**

| DROP-OFF LOCATION                           | PHONE        |
|---|--------------|
| Richmond Recycling Depot<br>5555 Lynas Lane | 604-276-4010 |

London Drugs customers can return moulded packaging Styrofoam from their appliance, computer and accessories products to any London Drugs store with proof of purchase.



**STYROFOAM CHIPS (PEANUTS)**

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



**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.      604-278-3766  
4500 Vanguard Road

For more information, call 1-800-267-2231 ext 224.



**TIRES – VEHICLES**

**DROP-OFF LOCATION**      **PHONE**

Richmond Recycling Depot      604-276-4010  
5555 Lynas Lane

 Island City Automotive      604-273-4023  
180 - 5400 Minoru Blvd

Canadian Tire      604-273-2939  
3500 No. 3 Road      604-271-6651  
11388 Steveston Highway

 Express Lube & Tune Centre      604-278-1018  
2840 No. 3 Road

Kal Tire      604-278-9181  
2633 No. 5 Road

Metro Tires Ltd.      604-321-9004  
13320 Mitchell Road

OK Tire Store      604-278-5171  
5831 Minoru Boulevard

Redline Automotive Ltd.      604-277-4269  
1 - 11711 No. 5 Road

Vancouver Landfill (Passenger/light truck, with/without rims, limit of 10)      604-873-7000  
5400 72nd Street, Delta

Richmond's Large Item Pick Up Program: Contact Sierra Waste at 604-270-4722. Some restrictions apply. Visit [www.richmond.ca/largeitem](http://www.richmond.ca/largeitem) for program details.  
Note: All retail locations accept a used tire for a new one purchased.  
For a complete list of where tires are accepted, visit [www.tsbc.ca](http://www.tsbc.ca) or call 1-866-759-0488.



**TIRES AND TUBES – BICYCLES**

**DROP-OFF LOCATION**      **PHONE**

Village Bikes (small amounts)      604-274-3865  
3891 Moncton Street

Cap's/Krusty's Bicycles      604-270-2020  
135-8460 Alexandria Road

For more information, visit [www.tsbc.ca/bike.php](http://www.tsbc.ca/bike.php) or call 1-866-759-0488.



**TOOLS - POWER (ELECTRONIC & ELECTRICAL)**

**DROP-OFF LOCATION**      **PHONE**

Richmond Recycling Depot      604-276-4010  
5555 Lynas Lane

Ironwood Bottle & Return-It Depot      604-275-0585  
110 - 11020 Horseshoe Way

OK Bottle Depot      604-244-0008  
7960 River Road

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

Richmond Return-It Depot      604-232-5555  
135 - 8171 Westminster Hwy



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

**DROP-OFF LOCATION**      **PHONE**

Richmond Recycling Depot      604-276-4010  
5555 Lynas Lane

Best Buy      604-273-7335  
700 - 5300 No. 3 Road

Ironwood Bottle & Return-It Depot      604-275-0585  
110 - 11020 Horseshoe Way

OK Bottle Depot      604-244-0008  
7960 River Road

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








**UPHOLSTERED FURNITURE (COUCHES, ARMCHAIRS, ETC)**

**DROP-OFF LOCATION**      **PHONE**

Richmond Recycling Depot      604-276-4010  
5555 Lynas Lane

Richmond's Large Item Pick Up Program: Contact Sierra Waste at 604-270-4722. Some restrictions apply. Visit [www.richmond.ca/largeitem](http://www.richmond.ca/largeitem) for program details.

-  **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

[www.richmond.ca/recycle](http://www.richmond.ca/recycle)

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