



### TRANSITION TO A CIRCULAR ECONOMY

## Ready to Roll over Recycled Materials?

### West Dyke Trail Bridge Replaced

The West Dyke Trail Bridge was replaced in January 2023. The composite decking is made of 100% recycled plastic that equates to over 137,000 recycled plastic grocery bags. The decking is also 100% recyclable when its life cycle ends. This is another great example of how the City is practicing the Circular Economy.

With the upgrade, the bridge is now accessible to walk, roll or stroll; encouraging Active Mobility for All.

[WATCH VIDEO](#)

## Sturgeon Bank Sediment Enhancement Pilot Project – Notice of construction

Beginning as early as mid-January 2023, Ducks Unlimited Canada will begin a project aimed at restoring tidal marsh fish habitat and building marsh resilience to keep pace with rising sea levels. This work includes:

- Depositing previously dredged Fraser River sediment onto the western Lulu Island foreshore in the Sturgeon Bank Wildlife Management Area.
- Using a temporary pipeline to pump sediment and place it in key areas of the bank. The natural process of waves, winds and tides will distribute the sediments throughout the foreshore.

### Phase 1 work

- Construction crews will be working on the tidal flats for up to two weeks.
- Work will take place during daytime and nighttime hours using a sediment pipeline, boats and heavy machinery.
- Residents in this area may notice some noise related to this work, but it is expected to be minimal.

## Saving Wildlife and Enhancing Natural Flood Protection

### Restoring Habitat on Sturgeon Bank

Hundreds of millions salmon, endangered resident killer whales and birds of the pacific flyway all depend on the Fraser River tidal marsh habitat. Sturgeon Bank also serves as natural flood protection for our island city. This is why the City of Richmond is supporting Ducks Unlimited Canada and others to enhance the receding Sturgeon Bank. The Sediment Enhancement Pilot Project will rebuild tidal marsh resilience and support coastal flood protection. This work will strengthen habitat and protect us from damage caused by climate change.

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## Cutting Emissions and Saving Money

### Richmond's Electric Vehicle Fleet is Growing

The City has added two 2022 Ford E-Transit fully electric cargo vans to its fleet. These 266 horsepower vehicles are equipped with a 67kWh battery, giving an estimated range of 200 kilometres with zero tailpipe emissions. Richmond has one of the highest number of non-combustion engine fleet vehicles in the region. This latest investment requires no gas and very little maintenance and could save Richmond 40% compared to a similar gas powered vehicle.

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## TRANSITION TO A CIRCULAR ECONOMY

### Richmond Businesses: We'd Like Your Input

#### Commercial Recycling Workshops

The City is looking at how to support increased commercial recycling. We recognize that different commercial sectors have different waste management requirements – there isn't a one-size fits all solution.

To help assess challenges and gain a better understanding of how the City can support increased recycling across commercial sectors, we are hosting Commercial Recycling Workshops to share what we have heard from businesses about the challenges they are experiencing, as well as research into current practice and regulations. The City is looking at how to support increased commercial recycling. We recognize that different commercial sectors have different waste management requirements – there isn't a one-size fits all solution.

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#### Commercial Recycling Workshop

**Monday February 13, 2023**

**11:00am – 1:30pm**

Location to be determined (in-person or virtual).

Please RSVP to confirm your attendance.

If you would like to attend a workshop or provide input, please contact Cristy Houston at [chouston@richmond.ca](mailto:chouston@richmond.ca)

**GET INVOLVED**



## Richmond Robot Grass Cutters

### Meet the sustainable Automower!

With the success of last year's autonomous grass cutting pilot program at City Hall, "Automowers" will be back this Spring at city facilities near you. They cut a little off the grass height on every pass, resulting in healthier, lush grass which requires less water and fertilizer. The low powered electric motor operates silently and triangulate entire lawns using sensors to keep trees, barriers and people safe from damage. These cuties report back to their "doghouse" for charging multiple times a day.

[WATCH VIDEO](#)



## Nature-Based Solutions

### Riparian areas provide flood protection

Richmond has 165 kilometres of open drainage ditches and designated watercourses that flow into the Fraser River via one of 39 drainage pump stations. During rain events, riparian habitat serves as green infrastructure for

flood protection by collecting and storing large amounts of stormwater. Maintaining and enhancing riparian vegetation on your property also helps mitigate floods by slowing the flow of stormwater runoff which improves the quality of the water entering the Fraser River.

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## City of Richmond Awards



### Richmond Fleet Wins Platinum

**For a second time!**

The City of Richmond is receiving our second platinum Fleet Award from E3 Fleet for demonstrating our commitment to high standards of environmental performance. We remain the only certified platinum municipal fleet in Canada.

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## **Flood Protection at its Best**

### **Project of the Year Award**

The Public Works Association of British Columbia awarded the City of Richmond “Project of the Year Award” for the Gilbert to Number 3 Road South Dike Upgrade Project after COVID-19 restrictions were lifted. This project is part of City’s Flood Protection Management Strategy. To protect our island city from sea level rise, we raised a 690 meter section of the dike to an elevation of 4.7 meters. We have also made improvements to pedestrian safety, traffic safety and park space for all to enjoy.

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### Recognized on the Red Carpet

#### Leaders in Circular Economy

The City of Richmond was prominent at Environmental Managers Association of BC Awards Gala in December 2022 winning the Organizational Environmental Programs Award for Integrating Circular Economy Criteria into City Procurements and the Members Choice Award for our Innovative Road Paving Project.

[LEARN MORE](#)

**Find out more information about  
Advancing Richmond's Climate Leadership  
Go to [richmond.ca/climateaction](https://richmond.ca/climateaction)**

#### City of Richmond

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