



# Bee City Renewal 2024

**Community Name**

City of Richmond

**Province**

British Columbia

**Name of Mayor, Chief or Chair of Commission**

Malcolm Brodie

**Job Title**

Mayor

**Name**

Jane Chow

**Applicant's Job Title**

Environmental Coordinator

**Organization or Department**

City of Richmond

**Address**

6911 No. 3 Rd, Richmond, British Columbia, V6Y 2C1

**Are you the Bee City Liaison?**

Yes

Please add more rows as needed.

**Full Name      Affiliation      Email**

Please tell us about your efforts during the past year to create, enhance, and manage habitat for pollinators. Examples of these actions include habitat planning and creation, habitat management, practices that minimize harm to pollinators, such as minimizing exposure to pesticides and artificial nighttime light, and efforts to empower and incentivize residents to create habitat, such as plant giveaways and modifications to property by-laws (see checklist below for more examples).

City of Richmond has a long history of promoting pollinator conservation in the community. The City's Enhanced Pesticide Management Program was adopted in 2009, one of the first programs of its kind, to reduce the exposure of unnecessary pesticides. The program includes restricting the cosmetic use of pesticides through Pesticide Use Control Bylaw No. 8514, and supportive resources to empower community members to make the switch to chemical-free practices.

Number: approx. 50

1. Bridgeport Industrial Park (Square Meters: approx. 15,000)
2. Railway Greenway (Square Meters: approx. 15,000)
3. 35 - 8" X 4" garden beds and quadrant at Thompson Community Association (Square Meters: approx. 100)
4. 5 areas at The Sharing Farm (Square Meters: approx. 1,050)
5. 5 gardens at Paulik Park (Square Meters: approx. 900)
6. Terra Nova Pollinator Demonstration Garden (Square Meters: approx. 10)
7. Railway Nectar Trail (Square Meters: approx. 10)

**Habitat created or enhanced**

33,000 m<sup>2</sup>

**Plants**

12,700

**Seed (lbs)**

1,100

Please provide a list of plant species that were included in efforts to create or enhance pollinator habitat this year.

Achillea  
African daisy  
Alarum  
Allium

Anaphalis  
Anemone  
Aster  
Bee friendly wildflower blend  
Black-eyed Susan  
Blanket Flower  
Blue Flax  
blues Siberian Wallflower  
Borage  
Buckwheat  
Calendula  
California Bluebells  
California Poppy  
Camassia  
Camassia Leichtlinii  
Candytuft  
Catchfly  
Centaurea  
Chineses forget-me-nots  
Chives  
Clarkia  
Coreopsis  
Corn poppy  
Cornus  
Cucumber  
Dwarf Candy Turft  
Dwarf coneflower  
Dwarf godetia  
Dwarf plains coreopsis  
Echinacea  
Elecampane  
Fairy Bouquet  
False aster  
Fruit trees  
Gilia  
Godetia  
Goldenrod  
Great camas  
Gypsophila elegans  
Henderson's Checker  
Heuchera  
Hybrid Narcissus sp.  
Kinnikinick  
Lance-leaf coreopsis  
Lavender

Lemon balm  
Limnanthes  
Love in a Mist  
Lupin  
Lupine  
Mahonia  
Maianthemum  
Mallow Rose  
Marigolds  
Mock orange  
Moss verbena  
Nodding Onion  
Oregano  
Phacelia  
Prunella  
Ribes  
Rocket larkspur  
Rosa rugosa  
Rosemary  
Rudbeckia  
Sage  
Salal  
Salix  
Scarlet Flax  
Self heal  
Serviceberry  
Siberian wallflower  
Snapdragons  
Spotted joe-pyeweed  
Stonecrop/sedum  
Sunflower  
Sweet alyssum  
Sweet William pinks  
Thyme  
Wild/beach strawberry  
Zinnia

## 1.1 HABITAT PLANNING AND CREATION

- 1.1.1 Create native plant pollinator gardens
- 1.1.2 Create edible gardens, orchards, and food forests
- 1.1.3 Create habitat networks
- 1.1.4 Naturalize large habitat areas
- 1.1.5 Dedicate resources to native plant propagation
- 1.1.6 Develop habitat guides and tools to streamline projects

## 1.2 HABITAT MANAGEMENT PRACTICES

- 1.2.1 Use Integrated Vegetation Management (IVM)
- 1.2.2 Restrict chemical applications that can negatively impact pollinators
- 1.2.3 Set habitat standards and recommendations for urban development
- 1.2.4 Promote pollinator-friendly practices in community gardens
- 1.2.6 Minimize impacts of artificial nighttime light
- 1.2.9 Create a pollinator habitat map

## 1.3 EMPOWERING AND INCENTIVIZING RESIDENTS TO CREATE HABITAT

- 1.3.2 Enable and encourage residents to plant on boulevards
- 1.3.3 Provide pollinator habitat grants and rebates
- 1.3.4 Offer native plant giveaways and subsidized sales
- 1.3.5 Provide pollinator-friendly garden consultations
- 1.3.8 Support farmers to protect pollinators on agricultural lands

**Please tell us about your efforts during the past year to provide pollinator education and engagement opportunities to members of your community, including residents, employees, contractors, children, and other groups. Examples of these actions include promotion of pollinators through media channels and signage, providing education and engagement opportunities, such as talks and planting events, developing educational resources, such as local native plant and pollinator lists, and raising awareness about pollinators at broader community events (see checklist below for more examples)**

Pollinator enhancement has been integrated into the City's public works delivery, with many projects utilizing pollinator friendly plantings along roadways and dikes, in parks, and at City facility horticulture installations. Many of the City's programs encourage public interaction, which can be seen to support personal relationships and develop a sense of place that residents can be proud of. Through various programs and workshops, over 1800 residents have been activated in pollinator conservation, and more than 22,000 m<sup>2</sup> of land has been enhanced specifically for pollinator forage and habitat.

Richmond's Public Works Open House is an interactive event held annually where City staff showcase the variety of services that the City provides to the public.

Richmond Parks Programs offered:

- Adopted 6 gardens through the Partners for Beautification Program
- Held 5 trees/shrubs planting events with a total of 3039 trees/shrubs planted.
- Held 5 invasive species removal events with a total of 97 cubic meters of invasive species removed.
- 95 bags of tulip bulbs were sold to the public to be planted within the City (approximately 4750 bulbs in total).
- 596 trees were sold through the annual tree sale.

Richmond Thompson Community Centre offered:

- Several camps that included programming around bees.
- Volunteers helping in the garden beds that are learning about pollinator plants & the importance of

habitat.

- Hosted classes that made bee boxes for mason bees and other native bees in the pollinator meadow.
- Removal of invasive plants and hosted several public events- work that indirectly impacts pollinator plants.
- Planted a food forest with many species that are bee friendly.

Richmond's The Sharing Farm Society offered:

- Held 6 workshops on native pollinators, native pollinators kids workshop, mason bees.
- Provided tours for 5 school groups and 20 corporate groups which always emphasize the importance of pollinators, pollinator habitat/ forage.

### **Number of people reached through education and engagement efforts**

5,500

## **2.1 MEDIA, EDUCATION, AND MATERIALS**

- 2.1.1 Promote pollinator conservation through media channels
- 2.1.2 Provide education and awareness materials about pollinators
- 2.1.3 Use signage to educate residents and promote membership in Bee City Canada
- 2.1.5 Educate youth about pollinators through schools and camps

## **2.2 ENGAGEMENT EVENTS AND ACTIVITIES**

- 2.2.3 Bring the community together for habitat creation and maintenance events
- 2.2.5 Encourage participation in community science
- 2.2.7 Feature pollinators at broader community events
- 2.2.8 Seek community feedback through public consultations and surveys

**Please tell us about your efforts to celebrate Pollinator Week this past year. Examples of these actions include promoting Pollinator Week through a proclamation and other communications, hosting a Pollinator Week festival, unveiling pollinator-themed public art, hosting a habitat creation or maintenance event, providing Pollinator Week giveaways, and anything else that you are doing to promote pollinators during this time (see checklist below for more examples).**

The City promoted Pollinator Week through sharing and amplifying the Pollinator Partnership's posts on our social media platforms. In addition, we have created and generated pollinator posters and temporary tattoos as giveaways for public events in order to promote and educate the community about the importance of pollinators.

## **3.1 ACTIONS TO PROMOTE POLLINATOR WEEK**

- 3.1.1 Issue a Pollinator Week proclamation or press release
- 3.1.3 Launch a social media campaign

## **3.2 ACTIONS TO CELEBRATE POLLINATOR WEEK**

- 3.2.4 Create pollinator-themed public art
- 3.2.7 Provide pollinator-themed giveaways

**Has your community posted Bee City Canada signage?**

No

**Has your community created a Bee City website or webpage?**

Yes

**Please enter the URL**

<https://www.richmond.ca/services/climate/stewardship/communityaction/nectartrail.htm?PageMode=HTML>

**Please share plans that you have to support pollinators this coming year. It may help to refer to the action checklists in the previous sections as you plan future initiatives.**

For this coming year, City of Richmond plans to continue to support current pollinator initiatives and increase efforts in promoting pollinator programs and projects, including pollinator week from June 17 to 23, 2024.

**Applicant's Signature**

Jane Chow

**Date**

2024-04-12