

City of Chilliwack Climate Actions

City of Chilliwack signs onto the BC Climate Action Charter in 2007



Adopted Integrated
Air Quality, Energy
and Greenhouse Gas
Community Action Plan



Adopted Integrated
Air Quality, Energy
and Greenhouse Gas
Corporate Action Plan



Compostables
and recycling
collection



Transit
expansion



Lighting upgrades
to street lights &
City facilities



Fleet
greening



Tree planting



Cycling /
pedestrian
infrastructure



Energy retrofits to
City facilities



Use biogas from
Wastewater
Treatment Plant as
renewable energy



Encourage energy-efficient,
compact developments



Participate in Fraser Valley
Agricultural Climate Change
Adaptation Strategies



CITY OF
CHILLIWACK

City of Chilliwack Climate Actions Summary

Planning and Development

Density

- **Support densification** through the Official Community Plan 2040 with **new development focused around urban cores**: within valley floor, downtown and along the north-south urban corridor.
- **Revitalization Tax Exemption Bylaw** for the downtown area and in medium- and high-density areas of Chilliwack Proper.
- **Reduced parking requirements** for higher density developments that are within a certain range of high frequency transit.
- Densification supported through Zoning Bylaw Amendments to **permit secondary rental suites** in single family homes, **permit coach houses** in R1A zone, removing owner occupant requirement.

Transportation

- **Pedestrian Network Plan**: City-wide plan to expand the sidewalk and walkway systems and improve standards, designs and connectivity to encourage active regular short-distance trips.
- **Transit Plan**: Updating the plan with BC Transit for community transit expansion and investment for the next five years.
- **Transportation Plan**: Updated in 2018, a guiding document to balance road capacity demands with motorist, pedestrian, cyclist and transit needs.
- **Cycle Vision Chilliwack**: Adopted in 2017, provides guidance for implementing and prioritizing bike lane projects.
- **Active Transportation Plan**: Developing a plan to improve the safety and accessibility of Chilliwack's walking, riding, and rolling infrastructure.

Environment and Parks

Habitat restoration

- **Riparian restoration and salmon habitat enhancement projects** completed with school groups and other organizations on an on-going basis.
- **Planted 22,000 climate resilient trees on Mt. Thom** with the help of volunteers.
- **Annually, City trees planted** to support and enhance Chilliwack's urban forest.

Engineering

Transportation

- **2,800 additional conventional bus transit service hours** by increasing frequency on the #57 and #58 routes and adding earlier runs on the #51, #52, #53, #54, #57 and #58 routes providing connection to the FVX regional bus service to facilitate commuting via transit.
- Construction of **new bike lanes, cycling facilities** (Airport/Broadway and Spruce/Britton corridors), **sidewalks** and **multi-use pathway** (Valley Rail Trail).
- Staged annual **two-week sustainable commuting challenge**.

Wastewater Treatment Plant

- Completed installation of a **stand-alone biogas heating system** to run the industrial high strength wastewater pre-treatment facility at the wastewater treatment plant. Biogas generation commenced in 2019.

Electric Vehicle Infrastructure

- **City owned electric vehicle charging stations** are regularly used and more are being added at municipal locations.
- **EV charging stations** being added at municipal locations.
- Provisions for **EV charging stations in new residential development** included in Zoning Bylaw.

Water pumping

- Commenced groundwater exploration program to find high quality groundwater in the Eastern Hillside Area to **reduce energy consumption for pumping water** from the valley floor to the higher elevations.
- Promote **water conservation** measures to reduce water usage.

Solid Waste

- **Curbside collection program** diverts compostable waste, mixed recycling, and glass from the landfill.
- **Landfill gas management system** installed in 2014 and expanded as additional waste is landfilled.
- **Regional sorting requirements for compost and recycling** at all industrial, commercial, institutional, and residential sources under the FVRD Solid Waste Management Plan and supported by equivalent **waste sorting requirements in the City's Solid Waste Management Bylaw**.
- **Single-Use Item Reduction Bylaw** in April 2022.



Fleet

- Completed a **propane conversion project** for fleet vehicles.
- Utilize **vehicle right-sizing**.
- Purchased one **electric vehicle** and six **hybrid vehicles**.

Buildings and Lighting

- **Changing all high-pressure sodium street lights to LED.** Process accelerated in 2020 and all street lights north of Highway 1 completed in 2021; south side to follow.
 - **Required LED street lights** for new developments and City capital projects.
 - Replaced inefficient lighting with **LED lights at various community buildings**.
 - Completed **energy efficiency upgrades** at City facilities, with more work planned.
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