



ORGANIZATION NAME: Columbia Basin Trust

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	TOTAL EMISSIONS	TOTAL OFFSETS
GHG EMISSIONS CREATED	111 tCO ₂ e	111 tCO ₂ e
ADJUSTMENTS TO GHG EMISSIONS OF PRIOR YEARS	-	-
GRAND TOTAL OFFSETS	-	111 tCO ₂ e

TOTAL FTE EMPLOYEES: 69.5 TOTAL FLOOR SPACE: 8,068 m² USE OF SPACE: office VEHICLES: none

Top actions we took in 2019 to reduce greenhouse gas emissions and/or improve sustainability

The Trust has provided a range of programs and supported projects that helped communities in the Columbia Basin reduce greenhouse gas emissions, including the following:

- The Climate Action Program supported communities to learn about climate change projections for the Columbia Basin, and develop and implement projects that reduce greenhouse gas emissions and/or adapt to climate change impacts.
- The Community Wildfire Program supports communities to implement innovative approaches to reducing wildfire risks, increase public awareness about risk mitigation (e.g. via FireSmart principles) and access expert guidance from a Wildfire Advisor. The program supported 18 projects in 2019.
- The Energy Sustainability Grant program supported renewable energy generation and conservation opportunities. This included installing solar panels, heat pumps, and conservation measures such as adding insulation, and replacing furnaces and lighting to 16 community buildings ranging from community halls to aquatic centres. This program also supported installing an electric vehicle charging station (EVCS) in Burton.
- The Energy Retrofit Program provides upgrades to affordable housing units, making properties more energy efficient and sustainable for residents. A total of 90 retrofits were completed for 31 societies at 60 buildings (1,140 units) since the program's inception in summer 2018.
- The First Nations Housing Sustainability Initiative enhances and creates affordable housing units (Units) in First Nations communities, which includes increasing asset management and completing necessary repairs and upgrades. In 2019, 52 Units received energy upgrades and repair support for a total of 146 units since 2017.
- The Food Recovery initiative and projects like Kaslo Food Security are decreasing GHG emissions from food waste while helping to make nutritious food more affordable and accessible throughout the Basin.
- The Columbia Basin Broadband Corporation supports residents and businesses to conduct activities like work, education and consultations remotely, which reduces carbon emissions that would otherwise be produced from commuting.

We reduced our corporate operations' GHG emissions by:

- Continuing to make videoconferencing technology available to staff, the Board of Directors, as well as to other Columbia Basin organizations to assist in reducing travel and encouraging staff to use virtual meeting technologies like Microsoft Teams whenever possible.
- Encouraging staff to walk, run, bike or carpool to work.
- Providing options for staff to work a compressed work week to reduce commuting.
- Phasing out fluorescent lighting; transitioning to LED technology when lighting systems require replacement.
- Using electronic documentation, electronic signatures and electronic funds transfers to reduce paper usage.
- Using paper made of recycled fibers and Forest Stewardship Council certified printers.
- Using Energy Star-certified devices whenever possible.

How we plan to continue minimizing greenhouse gas emissions

In the future, we plan to:

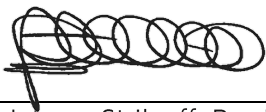
- Change our records management program to a system that will minimize printing requirements.
- Further integrate digital signatures into operations, which includes extending this function to external stakeholders.
- Continue to replace aging lights with LED technology.
- Continue to encourage the use of videoconferencing equipment and Microsoft Teams to reduce travel.
- Continue supporting communities to reduce emissions through various Trust programs, such as Climate Action, Environment Grants, and Alternative and Renewable Energy programs.

Actions we took in 2019 to strengthen our ability to manage the likely effects of climate change

We helped Basin communities reduce their vulnerabilities to current and anticipated climate change impacts such as wildfire, flood and drought. Examples include:

- Supported communities through our Climate Action Program (noted above).
- Implemented our Community Wildfire Program (noted above).
- In addition to redirecting food from landfills, the Food Recovery initiative supports projects that involve upgrades to technology or infrastructure to improve or expand food recovery operations, and build public knowledge about food preparation, growing, preservation and storage.
- Launched the Columbia Basin Climate Source website, which is an information portal that provides people with easy-to-understand information on climate change specific to communities throughout the Columbia Basin and Boundary regions.
- Secured a major project that will collect LiDAR and orthophoto imagery of water bodies for priority areas in the Columbia Basin. This data will help several Basin communities assess, adapt, and reduce the risks and impacts associated with flooding.
- Collected and compared field and LiDAR-based measurements to better understand the characteristics of glaciers and alpine snowpack in the Basin, their relation to the climate experienced today and ultimately the Basin's water resources.
- The Tools and Resources for On-Farm Water Conservation project will develop quality water management resources to support food producers in optimizing irrigation and conserving water on their farms.
- Continued to partner with BC Housing to create new affordable housing units. The goal is for these units to be constructed in compliance with Step Code 3/4 of the BC Energy Code, which will make the residences extremely efficient and reduce contributions to climate change.

Retirement of Offsets: In accordance with the requirements of the Climate Change Accountability Act and Carbon Neutral Government Regulation, Columbia Basin Trust (the Organization) is responsible for arranging for the retirement of the offsets obligation reported above for the 2019 calendar year, together with any adjustments reported for past calendar years (if applicable). The Organization hereby agrees that, in exchange for the Ministry of Environment and Climate Change Strategy (the Ministry) ensuring that these offsets are retired on the Organization's behalf, the Organization will pay the associated invoice to be issued by the Ministry in an amount equal to \$25 per tonne of offsets retired on its behalf plus GST.



Johnny Strilaeff, President and Chief Executive Officer

May 27, 2020

Date