



# Climate Action Revenue Incentive Program (CARIP) Public Report for 2019

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Name of Local Government:

**City of Kamloops**

Name of Regional District:

**Thompson Nicola Regional District**

Does your region have a Regional Growth Strategy (RGS)?

**Yes**

Population:

**90,280<sup>1</sup>**

Submitted by:

Name: **Glen Cheetham**

Position: **Sustainability Services Supervisor**

Email Address: [gcheetham@kamloops.ca](mailto:gcheetham@kamloops.ca)

Phone Number: **250-828-3857**

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<sup>1</sup> 2016 Kamloops Census Profile - Statistics Canada



## 2019 COMMUNITY CLIMATE ACTIONS

Local government signatories to the B.C. Climate Action Charter have committed to taking climate action by:

- Working towards achieving corporate carbon neutrality;
- Measuring and reporting on their community-wide GHG emissions; and
- Creating complete, compact, energy-efficient communities.

A key part of the 2019 CARIP survey is to highlight and celebrate successful climate actions undertaken by local governments in British Columbia.

In 2019, what actions has your local government taken to support the creation of compact, complete, and energy efficient communities?

### **Adoption of a New Downtown Plan**

An update to the 2005 City Centre Plan was completed and adopted as the new Downtown Plan by Council in December 2019. The vision of the plan is to make downtown Kamloops a vibrant, well-connected and welcoming place to live, work and play, and to encourage the use of sustainable transportation modes such as walking, cycling, and public transit.

The Plan offers detailed guidance on the location and types of housing, shops, offices, and other types of development and land uses envisioned for the area. It also provides direction on what parks, community facilities, plazas and public spaces, and future road, transit, and active transportation networks within the plan area should look like.

The process involved extensive engagement including open houses, online surveys, a public lecture, a design charrette, kitchen table conversations, the 4th Ave Plaza pilot project, and focused youth engagement.

Implementation of policies and actions within the plan will be guided by principles that support the vision of the plan including having a compact mix of land uses, putting pedestrians first, promoting neighborhood connectivity, ensuring housing diversity, focusing commercial activity, and encouraging an aesthetically-pleasing environment.



## **Residential Suites Zoning Bylaw Amendments**

Amendments to the City's Zoning Bylaw to allow secondary and garden suites as permitted uses on single-family lots in more urban residential zones were adopted in July 2019. Suites are an efficient way to increase density within the city by making use of existing services and infrastructure, while offering a form of sensitive infill that retains the character of residential neighborhoods.

The amendments support development of secondary and garden suites in urban areas which are close to amenities, employment, shopping, and transit to encourage compact, walkable neighborhoods that reduce reliance on private vehicles for commuting and other travel.

The bylaw amendments are key components of the City's Residential Suites Update; a project that involved extensive research, analysis, and engagement with the public, stakeholders, and Council over a period of nine months.

Next steps will involve an awareness campaign to inform residents of the zoning changes and the process to legalize existing suites or construct new suites under a building permit.

## **BC Energy Step Code Incentive Program**

Kamloops launched a voluntary Step Code Incentive program in October 2019. The program is designed to provide builders an opportunity to learn how to build to the Step Code on their own terms, in their own time. At the same time as launching the voluntary program, Council also directed City staff to bring forward a Bylaw which will require Step 3 for all part 9 buildings as of January 1, 2022. This approach is the result of extensive engagement and provides a predictable adoption date for builders to prepare for, while supporting a collaborative learning environment for local home builders and City of Kamloops building officials.

The incentive program provides \$1,000 for Step 1, \$2,000 for Step 2, and \$3,000 for Step 3 or higher.

## **See the Heat Program**

In Kamloops, emissions from single and semi-detached residential buildings make up 20% of community-wide emissions, and therefore are a prime target for emissions reduction efforts. The See the Heat program, developed by the City in collaboration with the Thompson Nicola Regional District Library, and with financial support from Fortis BC, allows community members to borrow a thermal-imaging camera that attaches to their smartphone, enabling them to see where heat is leaking out of their home.

Participants also receive a draft-proofing kit with instructions on how to improve their home's airtightness. By simply improving the airtightness of a leaky home, energy savings of nearly 20% are possible, while also improving comfort and reducing greenhouse gas (GHG) emissions from their home.

See the Heat helps to increase public awareness on the economic benefits of energy retrofits and, by extension, supports the City of Kamloops' public education on climate action. The program has been



well-received locally, with over 300 participants since its launch, replicated by other communities, and featured on the BC Climate Action Secretariat's web page.

### **Industry Energy Efficiency Training**

As a part of the City's Step Code preparation work, the City worked with the Canadian Home Builders' Association – Central Interior (CHBA-CI) to provide several training opportunities in 2019. These opportunities included two high efficiency wall assembly training workshops, two CHBA-CI dinner presentations, a Step Code engagement workshop which featured a deep dive into Step Code requirements, and a workshop on the City's Step Code incentive program.

### **Active & Alternative Modes of Transportation Infrastructure Projects**

The City of Kamloops undertook several projects and upgrades to encourage active and alternative modes of transportation such as walking, cycling, and public transit:

#### **1. Todd Road Pedestrian Upgrades**

- Constructed a raised concrete sidewalk on Todd Road to improve pedestrian safety
- Installed concrete curbing to assist in diverting water away from down-slope driveways
- Maintained intersection widths in steeper areas of the corridor to accommodate access
- Installed a crosswalk on Todd Road at Ronde Lane
- Improved bus stops

#### **2. Completed Projects**

- Enhanced sidewalk on both sides of Victoria St. West between 1<sup>st</sup> Ave and the Overlander Bridge
- Installed accessible bus pads at various bus stops in 10 locations throughout the City
- Installed a sidewalk on River Rd from Valleyview Dr to the Trans-Canada Highway
- Installed a pedestrian shoulder on Bank Rd from Jensen Rd to Stansfield Rd
- Installed a sidewalk on 2nd Ave from Lansdowne to the Rail Crossing

#### **3. Ongoing Projects**

- Sidewalk installations:
  - Lorne Street between 7th and 8th
  - Adjacent to 801 McGill Rd
  - Hugh Allan Dr from Lodgepole Dr to 1920 Hugh Allan Dr
  - Park Dr from Valleyview Dr to Marion Schilling parking lot
  - 11th Avenue between Columbia and Pleasant, and Fraser St. between 9th and Fraser Crescent
- Construction of a multi-use pathway on Singh Street from Parkcrest Ave to Ord Rd



## 2019 CORPORATE CLIMATE ACTIONS

Corporate climate actions refer to actions that reduce the GHG emissions produced as a result of a local government's delivery of "traditional services", including fire protection, solid waste management, recreational/cultural services, road and traffic operations, water and wastewater management, and local government administration.

In 2019, when it comes to corporate climate action, did your local government undertake any of the following?

- ✓ Building and Lighting Actions
- ✓ Energy Generation Actions
- ✓ Greenspace Actions
- ✓ Planning Actions
- ✓ Solid Waste Actions
- ✓ Transportation Actions
- ✓ Water and Wastewater Action

When it comes to corporate Building and Lighting Actions, did your local government undertake any of the following in 2019:

- ✓ New or upgraded energy-efficient lighting systems
- ✓ New or upgraded energy-efficient heating systems
- ✓ Studies related to building and/or light energy efficiency

When it comes to corporate Energy Generation Actions, did your local government undertake any of the following in 2019?

- ✓ Studies related to energy generation

When it comes to corporate Greenspace Actions, did your local government undertake any of the following in 2019?

- ✓ Tree planting
- ✓ Greenspace acquisition
- ✓ New or upgraded amenities in parks
- ✓ Invasive species management
- ✓ Plans or strategies related to greenspace



When it comes to corporate Planning Actions, did your local government undertake any of the following in 2019?

- ✓ Energy/Emissions Management Plan (New or Updated)
- ✓ Other (PLEASE SPECIFY)

#### **Procurement Processes**

The Procurement team began utilizing Bonfire, an e-sourcing platform, to improve the efficiency of the procurement process. The platform centralizes the process and enables purchasing staff and evaluation teams to electronically share and evaluate procurement-related documents.

In addition to other efficiencies, Bonfire has significantly reduced the number of printed hard copies by 10,600 pages, contributing to Council's Sustainability direction of implementing strategies to reduce our impact on the environment.

The City also continued to include Sustainability criteria as a minimum of 10% of the score for RFPs.

#### **Asset Management**

Over the course of the year, the Asset Management team, with assistance from Urban Systems Ltd., developed an Asset Management policy.

The City also received a \$10,000 grant from the Province's Asset Management Planning Program (Local Government Infrastructure, Ministry of Municipal Affairs and Housing) in May 2019.

Later in the year, the City applied for and received a second grant for up to \$15,000 in support of asset management from the Union of British Columbia Municipalities' Asset Management Planning program. These funds are being used to review and update the City's Asset Management Strategy in 2020.

The Asset Management team formed a working group tasked with developing an Asset Management Strategy and identifying tools for proper asset management.

#### **Education and Outreach**

The City continued to distribute a quarterly email newsletter that informs both City staff and the public about sustainability news and events, including climate actions, with over 1,500 recipients.

Additionally, over 10,000 residents were engaged on various sustainability topics including idling reduction, composting, and waste reduction by the City's Sustainability Educator and ECO Smart team.



The City also hosted the fourth annual Green Living Expo to educate the public on sustainable lifestyles in an interactive format, and the third annual Electric Avenue to showcase electrified transportation and educate residents on their many benefits.

When it comes to corporate Solid Waste Actions, did your local government undertake any of the following in 2019?

- ✓ Introduction, expansion, or improvement of recycling initiatives at corporate facilities
- ✓ Studies or research related to corporate solid waste initiatives
- ✓ Plans or strategies related to corporate solid waste initiatives
- ✓ Other (PLEASE SPECIFY)

The City continued to support the development of enhanced waste diversion strategies (from landfill) at the annual Ribfest and Canada Day celebrations in Riverside Park.

When it comes to corporate Transportation Actions, did your local government undertake any of the following in 2019?

- ✓ Fleet replacement or upgrades
- ✓ New or improved electric vehicle initiatives
- ✓ New or improved active transportation infrastructure for staff

When it comes to corporate Water and Wastewater Actions, did your local government undertake any of the following in 2019?

- ✓ New or improved water or wastewater infrastructure
- ✓ Studies or research related to water conservation
- ✓ Water reduction initiative (s)



As mentioned, a key part of the 2019 CARIP Survey is to highlight and celebrate successful climate actions undertaken by local governments in British Columbia. This question provides local governments the opportunity to demonstrate leadership and innovative approaches to reduce corporate GHG emissions.

When it comes to the corporate climate action, please highlight up to three significant actions focused on reducing GHG emissions that your local government undertook in 2019:

#### Corporate Action #1

##### **Corporate Electric Vehicle Fleet Purchase**

In 2019, the City introduced four battery electric vehicles into its fleet, replacing four gas-powered passenger vehicles that were at their end of life. To support this transition, four level 2 charging stations were installed at the three civic facilities the vehicles serve. This shift to electric fleet vehicles was informed in part by the City's participation in Plug-In BC's Fleet Champions Program, which included an EV Suitability Assessment of passenger fleet vehicles that were up for replacement.

#### Corporate Action #2

##### **Funding for Civic Facility Energy Efficient Retrofits**

Over \$160,000 in funding and incentives were secured in 2019 to support energy conservation measures in civic facilities including:

- The Tournament Capital Center (TCC) underwent an extensive LED lighting upgrade which is estimated to reduce electricity consumption by 694,000 kWh per year.
- The TCC's building systems were recommissioned, which is projected to save 304,000 kWh of electricity per year. Additionally, two energy conservation measures were implemented which resulted in a projected energy savings of 2,333 GJ.
- The McArthur Island & Sports Center participated in the continuous optimization program and outdoor lighting assessment, scheduled for implementation in 2020, which together are projected to save 49,000 ekWh of energy.

#### Corporate Action #3

##### **Biosolids and Organic Waste Management**

Through the development of a new Biosolids Management Plan, the City of Kamloops is assessing a number of alternatives to traditional biosolids management techniques. The evaluation process



consisted of environmental, economic and social impacts. The recommended options for the long-term management of biosolids were presented to Council in June 2019.

Following the completion of the Provincial Organic Matter Recycling Regulations (OMRR) review (anticipated in 2020), City staff will complete the review and present a high-level implementation plan that includes recommendations for long-term management of biosolids, including estimates on capital, operational, and maintenance costs.



## 2019 COMMUNITY-WIDE CLIMATE ACTION

Community-wide actions refer to actions that reduce GHG emissions across the community (i.e. actions not related to “traditional services” in corporate operations).

When it comes to community-wide climate action in 2019, did your local government undertake any of the following?

- ✓ Building and Lighting Actions
- ✓ Energy Generation Actions
- ✓ Greenspace Actions
- ✓ Planning Actions
- ✓ Solid Waste Actions
- ✓ Transportation Actions
- ✓ Water and Wastewater Action

When it comes to community-wide Building and Lighting Actions, did your local government undertake any of the following in 2019?

- ✓ BC Energy Step Code related projects
- ✓ Incentives/rebate programs related to energy-efficient building or lighting
- ✓ Outreach, education or communication related to energy-efficient building or lighting

When it comes to community-wide Energy Generation Actions, did your local government undertake any of the following in 2019?

- ✓ Studies or research related to energy generation
- ✓ Other (PLEASE SPECIFY)

The City of Kamloops, in collaboration with Thompson Rivers University, is investigating the feasibility of using sewage heat recovery to supply a district energy system on the university campus. The infrastructure upgrade to the Canada Games Aquatic Centre (2020) will allow the facility to be connected to a future campus hot water loop, providing a low carbon heat supply for the pool and Tournament Capital Center.

When it comes to community-wide Greenspace Actions, did your local government undertake any of the following in 2019?

- ✓ Tree planting
- ✓ Greenspace restoration or maintenance
- ✓ Greenspace acquisition
- ✓ Invasive species management
- ✓ Plans or strategies related to greenspace



When it comes to community-wide Planning Actions, did your local government undertake any of the following in 2019?

- ✓ New or updated bylaw(s) or zoning addressing climate issues
- ✓ Other (PLEASE SPECIFY)

**Community Climate Action Plan (Under development)**

Phases 1 and 2 of the Community Climate Action Plan (CCAP) were completed in 2019, which involved staff engagement and the development of draft emissions reductions policies. In June 2019, Council directed staff to outline a series of actions through the work on the CCAP that are in line with global efforts to keep global temperature rise to 1.5 °C. This prompted a best practice review of comparable cities with similar emissions reductions goals to identify some ambitious, long-term actions. These actions characterized as 'Big Moves' have the potential to reduce community emissions by 80-100% by 2050, which aligns with the IPCC's 2018 Special Report on Emissions Reductions.

With Council's direction, phases 3 and 4 will resume which involve engaging stakeholders and the community on the draft CCAP policy options before bringing a final draft to Council for adoption.

When it comes to community-wide Solid Waste Actions, did your local government undertake any of the following in 2019?

- ✓ Introduction, expansion, or improvement of recycling initiatives
- ✓ Community clean-up initiatives
- ✓ General waste reduction initiative (including landfill diversion strategies)
- ✓ Outreach, education, or communication related to solid waste

When it comes to community-wide Transportation Actions, did your local government undertake any of the following in 2019?

- ✓ New or improved active transportation infrastructure
- ✓ New or improved public transportation initiatives
- ✓ Outreach, education, or communication related to transportation
- ✓ Plans or strategies related to transportation
- ✓ Other (PLEASE SPECIFY)



The City secured funding and a consultant to develop an Electric Vehicle (EV) and Electric-assist Bike (E-Bike) Strategy which will serve as a road map to transition our community to electric-powered transportation. The strategy has an anticipated completion date of Q2 2020.

When it comes to community-wide Water and Wastewater Actions, did your local government undertake any of the following in 2019?

- ✓ Water restrictions
- ✓ Outreach, education, or communication related to water or wastewater
- ✓ Studies or research related to water or wastewater
- ✓ Plans or strategies related to water or wastewater

As mentioned, a key part of the 2019 CARIP survey is to highlight and celebrate successful climate actions undertaken by local governments in British Columbia. This question provides local governments the opportunity to demonstrate leadership and innovative approaches to reduce community-wide GHG emissions.

When it comes to the community-wide climate action, please highlight up to three significant actions focused on reducing GHG emissions that your local government undertook in 2019:

#### Community-Wide Action #1

##### **Draft Carry-out Bag Bylaw**

A draft plastic carry-out bag bylaw prohibiting business license holders from providing plastic carry-out bags was developed and presented for Council's consideration in July 2019. The purpose of the proposed bylaw is to reduce the creation of waste and its associated municipal costs and to show environmental leadership and minimize impact on the environment. In preparation for the Council presentation, a survey about the proposed bylaw was sent to local businesses to assess how the draft regulation could affect their business operations.

Council authorized staff to continue engaging the public and business stakeholders to further assess and prepare for the regulation of carry-out bags. This engagement will resume once the Province has clarified its intentions through the Plastics Action Paper they initiated in the second half of 2019.



## Community-Wide Action #2

### **Waste Diversion**

The City of Kamloops Environmental Services division partnered with Valley Carriers Ltd. to deliver ground wood chips from dimensional lumber received at City landfills to co-gen operations within the TNRD. As a result of this partnership, approximately 960 tonnes of wood waste was diverted from City landfills and used as an alternative fuel source.

The division also continued to operate three yard waste collection sites and produce a soil amendment compost. Approximately 12,700 tonnes of yard waste was diverted from City landfills as a result of this program in 2019.

Additionally, composting of Halloween pumpkins was encouraged through the 2019 community "Pumpkin Smash" event where more than 28 tonnes of pumpkins and debris were collected and delivered to the City's composting facility. The annual Christmas tree recycling program also helped to divert more than 3,800 Christmas trees from landfills in 2019.

## Community-Wide Action #3

### **Tree Planting**

In 2019, City Parks staff planted more than 250 trees throughout the community, including boulevards, parks, and natural areas. In addition, another 400+ trees were purchased by residents and planted on private land through the City-sponsored Tree Coupon Program.

These tree planting initiatives support the City's Urban Forestry Management Plan, which provides a framework to the City for managing its urban forest and increasing the urban canopy.



## 2019 CLIMATE PREPAREDNESS AND ADAPTATION ACTION

This section of the 2019 CARIP survey is designed to collect information related to the types of climate impacts local governments are experiencing and how they are being addressed.

Please identify the climate impacts that are most relevant to your local government:

- ✓ Increased temperatures increasing wildfire activity
- ✓ Extreme weather events contributing to urban and overland flooding

In 2019, did your local government take any of the following actions in an effort to consider or address the impacts of climate change?

- ✓ Emergency response planning
- ✓ Asset management
- ✓ Infrastructure upgrades
- ✓ Public education and awareness
- ✓ Strategic and financial planning

In 2019, did your local government partner with any of the following organizations to prepare for, and adapt to, a changing climate?

- ✓ Community Emergency Preparedness Fund (UBCM)
- ✓ Fraser Basin Council



As mentioned, a key part of the 2019 CARIP survey is to highlight and celebrate successful climate actions undertaken by local governments in British Columbia. This question provides local governments the opportunity to demonstrate leadership and innovative approaches to adapting to a changing climate.

When it comes to climate preparedness and adaptation actions, please highlight up to three significant actions/initiatives that your local government undertook in 2019:

#### Adaptation Action #1

### **Extensive Infrastructure Upgrades**

#### **Valleyview Reservoir Design Completed (construction 2020)**

Added water storage redundancy in Valleyview to improve available fire flow/fire protection (including for wildland fires) and emergency storage in the event of high water demands, power outages, etc.

#### **North Thompson Emergency Water Intake Construction Completion and Testing**

Constructed a secondary water intake on the north Thompson river, so that in the event the source water from the south Thompson is unavailable (i.e. contaminated, or intake otherwise inoperable), the City can rely on the north Thompson source water. This increases redundancy and water security city-wide, thereby reducing the risk of water outages.

#### **Arrowstone Booster Station Construction Completed**

Installed a new booster station with increased capacity for potable water service to Sahali, Southgate, and TRU resulting in increased reliability and capacity to service the steadily growing demand.

#### **KSTC Dike Pipe Filling**

An abandoned pipe was found in the dike at the Kamloops Sewage Treatment Plant. The pipe was decommissioned to reduce the risk of water ingress to the treatment plant during flood / high water events, as well as to improve structural stability of the dike itself.

#### **Juniper Creek Bank Stabilization**

Erosion protection works, partially funded through grant funding, to improve storm water quality



## Adaptation Action #2

### Water System Master Plan Update

The City of Kamloops completed the water demand analysis and projections as part of its Water System Master Plan update. The analysis reviewed all city-wide water demands to better identify indoor water use, seasonal and outdoor use, and project demands moving forward. The analysis, and Water Master Plan as a whole, helps determine needs for source water security, water licenses, system infrastructure, pumping and energy and opportunities for reduced outdoor water demands.

## Adaptation Action #3

The City of Kamloops kicked off a stormwater management study and plan in 2019.

The **Valleyview, Rose Hill and Juniper Master Watershed Plan**, initiated in 2019, will provide guidance to the City in considering stormwater management when making development decisions. It will also serve as a tool for guiding capital infrastructure improvements to aging piped networks and natural channels within the basin. The stormwater modeling on which the Plan will be built will incorporate measures to simulate the changing climate and its impacts the frequency, intensity and duration of design storm events. The plan is expected to be completed by December 2020.

The **Peterson Creek Downtown Study**, also initiated in 2019, is the first step in detailing the flooding potential of Peterson Creek, due to insufficient capacity to handle high water flows, as it crosses the downtown area. This potential was identified in the 2017 Peterson Creek Master Watershed Plan and was attributed to increased development and changing flow regimes due to climate change. The study will also seek to identify solutions for the issues and present a roadmap for capital improvements to the stormwater system, in order to increase capacity. The target flow regimes were determined by the modeling completed for the Master Watershed Plan and incorporated anticipated changes due to climate change.



## 2019 Carbon Neutral Reporting

Local governments are required to report on their progress in achieving their corporate carbon neutral goal under the B.C. Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee has established a common approach to determining corporate carbon neutrality for the purposes of the Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Prior to completing this portion of the survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, specifically the Workbook and Becoming Carbon Neutral: A Guide for Local Governments in British Columbia.

Please note: As a result of the BC Recycling Regulation, local governments are no longer required to account for GHG emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper, in their annual CARIP reports.

### 2019 CARBON EMISSIONS

Did your local government measure corporate GHG emissions for 2019?

**Yes**

If your local government measured 2019 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) from:

Service Delivery Type	2019 Corporate GHG Emissions
Services Delivered Directly by your Local Government	7758
Contracted Services	500

TOTAL A - CORPORATE GHG EMISSIONS (DIRECT + CONTRACTED) FOR 2019:

	8258
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## 2019 CARBON REDUCTIONS

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2019 by one or a combination of the following actions:

- Undertake Green Communities Committee-supported Option 1 Project(s)
- Undertake Green Communities Committee-supported Option 2 Project(s)
- Purchase carbon offsets from a credible offset provider

For more information about options to balance or offset corporate GHG emissions please refer to *Becoming Carbon Neutral: A Guidebook for Local Governments in British Columbia*.

If applicable, please report the 2019 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) being claimed from any of the following Option 1 GHG Reduction Projects:

Option 1 GHG Reduction Projects	2019 GHG Emissions Reductions
1A Energy Efficiency Retrofits	N/A
1B Solar Thermal	N/A
1C Household Organic Waste	N/A
1D Low Emission Vehicles	N/A
1E Avoided Forest Conversion	N/A
1F Trenchless Technology	N/A

TOTAL B - REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2019:

0

If applicable, please report the names and 2019 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) being claimed from Option 2 GHG Reduction Projects:

	Names of Option 2 GHG Reduction Projects	2019 GHG Emissions Reductions
1.	N/A	N/A
2.	N/A	N/A



3.	N/A	N/A
4.	N/A	N/A
5.	N/A	N/A
6.	N/A	N/A

**TOTAL C - REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2019:**

0

**2019 CARBON OFFSETS**

If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e)) from an offset provider for the 2019 reporting year:

	<b>Name of Offset Provider</b>	<b>Name of Project</b>	<b>2019 GHG Emissions Reductions</b>
1.	N/A	N/A	N/A
2.	N/A	N/A	N/A
3.	N/A	N/A	N/A
4.	N/A	N/A	N/A
5.	N/A	N/A	N/A
6.	N/A	N/A	N/A

**TOTAL D - OFFSETS PURCHASED FOR 2019:**

0

**TOTAL REDUCTIONS AND OFFSETS FOR 2019 (Total B+C+D):**

0



### Corporate GHG Emissions Balance for 2019

Your local government's corporate GHG emissions balance is the difference between total corporate offsetable GHG emissions (direct + contracted emissions) and the GHG emissions reduced through Green Communities Committee Option 1 and Option 2 projects and/or the purchase of offsets.

**CORPORATE GHG EMISSIONS BALANCE FOR 2019 = (Total A – (B+C+D))**

**8258**

If your corporate GHG emissions balance is negative or zero, your local government is carbon neutral. CONGRATULATIONS!

If your local government was carbon neutral in 2019, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2019 100 tCO<sub>2</sub>e):

	Source of Carryover Emission Reduction	Year Earned	GHG Emissions Reductions
1.	N/A	N/A	N/A
2.	N/A	N/A	N/A
3.	N/A	N/A	N/A
4.	N/A	N/A	N/A
5.	N/A	N/A	N/A
6.	N/A	N/A	N/A

**TOTAL E - BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR**

**0**



## GREEN COMMUNITIES COMMITTEE CLIMATE ACTION RECOGNITION PROGRAM

The joint Provincial-UBCM Green Communities Committee is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the Green Communities Committee with an opportunity to review and publicly recognize the progress and achievements of each Climate Action Charter (Charter) signatory.

Recognition is provided on an annual basis to local governments who demonstrate progress on their Charter commitments, according to the following:

**Level 1 – Demonstrating Progress on Charter Commitments:** For local governments who demonstrate progress on fulfilling one or more of their Charter commitments.

**Level 2 – Measuring GHG Emissions:** For local governments that achieve Level 1, who measure their corporate GHG emissions for the reporting year and demonstrate that they are familiar with their community's energy and emissions inventory (i.e. CEEI).

**Level 3 – Accelerating Progress on Charter Commitments:** For those local governments who have achieved Level 1 and 2 and demonstrate significant action (corporately or community-wide) in reducing GHG emissions in the reporting year (e.g. through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).

**Level 4 - Achievement of Carbon Neutrality:** For local governments who achieve corporate carbon neutrality in the reporting year.

Based on your local government's 2018 CARIP Climate Action/Carbon Neutral Progress Survey, please check the Green Communities Committee Climate Action Recognition Program level that best applies:

✓ Level 2 – Measuring GHG Emissions

Does your local government set aside funds in a climate reserve fund or similar?

**Yes**