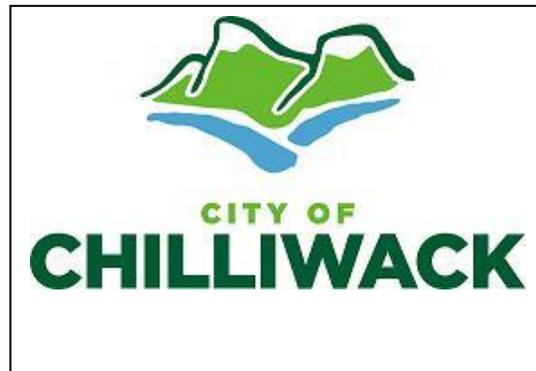


Climate Action Revenue Incentive (CARIP) Public Report for 2017

Local Government: City of Chilliwack

Report Submitted by: City of Chilliwack
Name: Clark Dudzik
Role: Senior Environmental Services Specialist
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Date: May 31, 2018

The City of Chilliwack has completed the 2017 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2017 and proposed for 2018 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

2017 BROAD PLANNING ACTIONS

Broad Planning Actions

Broad Planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

Community-Wide Actions Taken in 2017	
	Continued to support the densification process through the Official Community Plan (OCP) 2040 and applications within the urban corridor.
	Engaged the public and the community, including dialogue with First Nations regarding long term community planning to support densification, urban growth boundary.
	Undertook a secondary suites study to examine options for increasing secondary rental suites throughout the community to support densification and affordable housing objectives.
	Undertook a neighbourhoods plan for Chilliwack Proper and Fairfield Island to guide future decision making regarding densification and infill development to support OCP objectives.
Community-Wide Actions Proposed for 2018	
	Zoning bylaw amendments to permit secondary rental suites in all single family homes, and to permit coach houses outright in the R1-A zone, removing the owner-occupant requirement.
	Adoption and Implementation of the Chilliwack Proper and Fairfield Island Neighbourhoods Plan as a schedule to the OCP.
	Update the Community Integrated Air Quality, Energy and Greenhouse Gas Action Plan in 2018-19.
	Apply for FCM funding assistance for a 2-year Climate Change Coordinator position to assist with advancing community-wide and corporate climate change initiatives.

Corporate Actions Taken in 2017	
Corporate Actions Proposed for 2018	
	Update the Corporate Integrated Air Quality, Energy and Greenhouse Gas Action Plan in 2018-19.
	Apply for FCM funding assistance for a 2-year Climate Change Coordinator position to assist with advancing community-wide and corporate climate change initiatives.

Broad Planning	
What is (are) your current GHG reduction target(s)?	Reduce GHG Emissions by 20% per capita from 2007 levels by 2020.
Are you familiar with your community's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes
What plans, policies or guidelines govern the implementation of climate mitigation in your community?	
<ul style="list-style-type: none"> • Community Energy and Emissions (CEE) Plan • Community- Wide Climate Action Plan • Integrated Community Sustainability Plan • Official Community Plan (OCP) • Regional Growth Strategy (RGS) • Do not have a plan • Other: 	Yes Yes No Yes Yes No
Does your local government have a corporate GHG reduction plan?	Yes

2017 BUILDING AND LIGHTING ACTIONS

Building and Lighting Actions

Low-carbon buildings use the minimum amount of energy needed to provide comfort and safety for their inhabitants and tap into renewable energy sources for heating, cooling and power. These buildings can save money, especially when calculated over the long term. This category also includes reductions realized from energy efficient street lights and lights in parks or other public spaces.

Community-Wide Actions Taken in 2017	
	Changed approximately 100 high-pressure sodium street lights to LED.
	Required LED street lights for new developments and City capital projects.
Community-Wide Actions Proposed for 2018	
	Continue converting street lights to LED as they require replacement.
	Continue requiring LED street lights for new developments.

Corporate Actions Taken in 2017	
	Changed T-8 fluorescents to LED lighting in the Landing Sports Centre to cover 20,000 square feet of

	space.
	Changed HID lighting to LED lighting in Chilliwack Heritage Park buildings to cover 70,000 square feet of space.
	Changed T-8 fluorescents to LED lighting in City Hall to cover 6,000 square feet of space.
Corporate Actions Proposed for 2018	
	Continue for LED lighting conversions at Heritage Park, Evergreen Hall, and the Chilliwack Landing Leisure Centre pool.

Building and Lighting	
The Province has committed to taking incremental steps to increase energy-efficiency requirements in the BC Building Code to make buildings net-zero energy ready by 2032. The BC Energy Step Code--a part of the BC Building Code--supports that effort	
Is your local government aware of the BC Energy Step Cost?	Yes
Is your local government implementing the BC Energy Step Code?	No

2017 ENERGY GENERATION ACTIONS

Energy Generation Actions

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems.

Community-Wide Actions Taken in 2017	
Community-Wide Actions Proposed for 2018	

Corporate Actions Taken in 2017	
	Continue to use biogas generated at the Wastewater Treatment Plant (WWTP) to run biogas boilers to heat the WWTP digesters.
	Further explored the possibility of converting excess biogas into biomethane and conveying that into the FortisBC pipeline.
	Received \$80,000 in grant funding from the Federation of Canadian Municipalities (FCM) to conduct a Biogas Feasibility Study. Hired an engineering firm to conduct a Biogas Feasibility Study to evaluate options to upgrade biogas to biomethane and ultimately sell it to FortisBC.
	Designed and tendered the installation of a stand-alone biogas heating system to run the proposed industrial high strength pre-treatment facility at the WWTP.
Corporate Actions Proposed for 2018	
	Complete the Biogas Feasibility Study.
	Continue to explore converting excess biogas into biomethane and convey it into the FortisBC pipeline by selecting a process equipment company and procurement methodology.
	Completion of the installation of a stand-alone biogas heating system to run the proposed industrial high strength pre-treatment facility at the WWTP.

Energy Generation	
Is your local government developing, or constructing:	
<ul style="list-style-type: none"> • A district energy system • A renewable energy system 	No Yes
Is your local government operating:	
<ul style="list-style-type: none"> • A district energy system • A renewable energy system 	No Yes
Is your local government connected to a district energy system that is operated by another energy provider?	No
Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit ?	Yes
Are you familiar with the 2017 " List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments ?"	Yes

2017 GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Greenspace Actions

Greenspace/Natural Resource Protection refers to the creation of parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites as well as the protection of wetlands, waterways and other naturally occurring features.

Community-Wide Actions Taken in 2017	
	Approximately 280 trees were planted throughout the City.
Community-Wide Actions Proposed for 2018	
	Approximately 173 trees have been planted thus far, with plans to continue to add more in the spring and perform another round of planting in the fall of 2018.

Corporate Actions Taken in 2017	
	Greening of the City's new Operations Center. 91 trees were planted within the Operations Center property at 44390 Luckakuck Way.
Corporate Actions Proposed for 2018	

Greenspace	
Does your local government have urban forest policies, plans or programs?	Yes
Does your local government have policies, plans or programs to support local food production?	Yes

2017 SOLID WASTE ACTIONS

Solid Waste Actions

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality.

Community-Wide Actions Taken in 2017	
	Coordinated “April is Earth Month” events with volunteer groups, with an emphasis on waste management and community clean ups. Staged “Waste Reduction Month” (October) with Household Hazardous Waste Day and school presentations.
	Reduced greenhouse gas emissions from the Bailey Landfill through the Landfill Gas Management System.
	Promoted two City-Wide Garage Sales to encourage reuse.
	Completed construction of the Compostable Waste Transfer Station at the Bailey Landfill site. The facility became fully operational in May 2017.
	Commenced the new Curbside Collection and Compostable Waste Processing Services contracts in May 2017. Under these contracts, compostables are collected from residents on the Curbside Collection Program, taken to the Compostable Waste Transfer Station, and then hauled in transport trucks to the Compostable Waste Processing Services contractor for processing.
	Commenced the new provincial curbside recycling program through a contract with RecycleBC in March 2017. This program allows additional items to be recycled through the Curbside Collection contract.
	Worked with the Fraser Valley Regional District (FVRD) on developing an overall regional waste diversion strategy, including compostable waste diversion for all sectors.
Community-Wide Actions Proposed for 2018	
	Continue waste reduction programs with the community.
	Continue reducing greenhouse gas emissions from the Bailey Landfill through the Landfill Gas Management System.
	Phase out the use of clear/blue bags as required under the contract with RecycleBC and replace them with reusable containers which are more environmentally friendly.
	Continue working with the Fraser Valley Regional District (FVRD) to implement an overall regional waste diversion strategy, including compostable waste diversion for all sectors.

Corporate Actions Taken in 2017	
	Continued with the compostables diversion programs at City Hall and the Chilliwack Library.
Corporate Actions Proposed for 2018	

	Continue to expand compostables diversion at other municipal facilities.

Solid Waste	
Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Does your local government have organics reduction/diversion policies, plans or programs?	Yes

2017 TRANSPORTATION ACTIONS

Transportation Actions

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities.

Community -Wide Actions Taken in 2017	
	Promoted a two-week sustainable commuting challenge.
	Constructed a roundabout as part of the Vedder Bridge Replacement Project to move vehicles more rapidly through the area and reduce the amount of fuel consumed from vehicle idling and stop and go traffic.
	Increased the frequency of the Route 1 bus service to 15 minutes frequency at peak times on weekdays.
	Increased the frequency of the Route 3 bus service to 30 minutes frequency at peak times on weekdays.
	Incorporated the extension for Route 8 bus service along Keith Wilson Road to Lindys Drive on weekdays and weekends.
	Started provided a weekday bus service to Yarrow, Greendale, and industrial/employment areas.
	Expanded other services within the bus system network by an additional 1,000 hours.
	Constructed 6.75 lane-kilometers of new bike lanes.
	City-owned electric vehicle charging stations were used 359 times.
	Installed 1,364 meters of new sidewalk.
Community-Wide Actions Proposed for 2018	
	Continue with promoting the sustainable commuting challenge.
	Construct 4 lane-kilometers of new bike lanes.
	Construct 3,275 meters of new sidewalk (including a 1,150 meter asphalt multi-use pathway).
	Expand transit system with a 15% increase in conventional transit service hours and 9% increase in custom transit service hours.

Corporate Actions Taken in 2017	
	Meter reader employee used an electric car to read meters.
	Continued with vehicle right-sizing – obtained new hybrid vehicles for bylaw enforcement.
	Staged a two-week sustainable commuting challenge.
Corporate Actions Proposed for 2018	
	Continue to use electric car for reading meters.
	Continue with vehicle right sizing.
	Continue with staging the sustainable commuting challenge.

Transportation	
Does your local government have policies, plans or programs to support:	
• Walking	Yes
• Cycling	Yes
• Transit Use	Yes
• Electric Vehicle Use	Yes
• Other (please specify)	No
Does your local government have a transportation demand management (TDM) strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide incentives to encourage individuals to modify travel behavior)?	Yes
Does your local government integrate its transportation and land use planning?	Yes

2017 WATER AND WASTEWATER ACTIONS

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions.

Community-Wide Actions Taken in 2017	
	Conducted an annual water loss study for the water system to determine water losses and take further actions to reduce losses as per the study findings.
	Enforced summer water sprinkler restrictions. Prepared and implemented the Water Efficient Community Plan.
	Issued rebates on low flush toilets, sold discounted home water conservation kits and rain harvesting barrels. Educated the general public through radio and newspaper advertisements, City of Chilliwack website, etc.
Community-Wide Actions Proposed for 2018	

	Conduct an annual water loss study for the water system to determine water losses and take further actions to reduce losses as per the study findings.
	Implement the summer water sprinkler restrictions program. Continue to implement the Water Efficient Community Plan.
	Continue to issue rebates on low flush toilets, sell discounted home water conservation kits and rain harvesting barrels. Educate the general public through radio and newspaper advertisements, City of Chilliwack website, promote participation in trade fairs, etc.

Corporate Actions Taken in 2017	
	Took measures to reduce inflow and infiltration issues in the wastewater system to reduce flows during rainfall events.
	Continued to work with a consultant to complete the pre-design study for the WWTP inlet works upgrade which will ultimately be equipped with more energy efficient processing equipment and increase the hydraulic grade line to facilitate future flows to run by gravity throughout the treatment plant without the need for a pumping system.
	Worked with the Ministry of Forests, Lands, Natural Resource Operations (FLNRO) to obtain groundwater licenses for the two groundwater drinking water wells installed in 2016 in the Marble Hill area in the Eastern Hillside to reduce energy consumption for pumping water from the valley floor to the higher elevations. Continuous pumping was not possible due to non-availability of BC Hydro power and non-approval of groundwater licenses from the Province.
	Installed two additional Automated Meter Intelligence (AMI) “collector” sites to enhance the City’s Water Loss Management program. The system became operational in 2017, and situations such as backflow events, water leaks, and low/no flow conditions are now flagged as the data is transmitted, rather than as follow-up to quarterly readings.
	Designed and tendered the industrial high strength pre-treatment facility at the WWTP which will be equipped with more energy efficient processing equipment and a gravity flow system to reduce pumping costs.
Corporate Actions Proposed for 2018	
	Continue to take measures to reduce inflow and infiltration issues in the wastewater system to reduce higher flows during rainfall events.
	Continue to work with the consultant to complete the pre-design study for the WWTP inlet works upgrade, which will ultimately be equipped with more energy efficient processing equipment and increase the hydraulic grade line to facilitate future flows to run by gravity throughout the treatment plant without the need for a pumping system.
	Continue to work with FLNRO to obtain groundwater licenses for the two groundwater drinking water wells installed in 2016 in the Marble Hill area in the Eastern Hillside to reduce energy consumption for pumping water from the valley floor to the higher elevations. Plan to commence construction of a water pump station including BC Hydro power once obtaining the GW licenses from the Province. Continue to upgrade the water system in the Marble Hill area to service additional hillside areas through Marble Hill groundwater wells to reduce energy consumption on pumping.
	Completion of the industrial high strength pre-treatment facility at the WWTP which will be equipped with more energy efficient processing equipment and a gravity flow system to reduce pumping cost.

Commence groundwater exploration program to find high quality groundwater in the Eastern Hillside Area so that energy consumption for pumping water from the valley floor to the higher elevations can be reduced.
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Water Conservation	
Does your local government have water conservation policies, plans or programs?	Yes

2017 CLIMATE CHANGE ADAPTATION ACTIONS

This section of the 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 THREE climate impacts that are most relevant to your Local Government.	
<ul style="list-style-type: none"> • Warmer winter temperatures reducing snowpack • Changes to temperature and precipitation causing seasonal drought • Heatwaves impacting population health • Increased temperatures increasing wildfire activity • Increased temperatures affecting air quality • Changing temperatures influencing species migration and ecosystem shifts • Extreme weather events contributing to urban and overland flooding • Sea level rise and storms causing coastal flooding and/or erosion 	
Other:	

In 2017 has your local government addressed the impacts of a changing climate using any of the following?	
Risk and Vulnerability Assessments	Yes
Risk Reduction Strategies	Yes
Emergency response planning	Yes
Asset management	No
Natural/Eco asset management strategies	No
Infrastructure upgrades (e.g. storm water system upgrades)	Yes
Beach Nourishment projects	No
Economic diversification initiatives	No
Strategic and financial planning	No

Cross-department working groups	No
OCP policy changes	No
Changes to zoning and other bylaws and regulations	No
Incentives for property owner (e.g. reducing storm water run-off)	No
Public education and awareness	No
Research	Yes
Mapping	No
Partnerships	Yes
Other:	

Climate Change Adaptation Actions Taken in 2017	
Please elaborate on key actions and/or partnerships your local government has engaged in to prepare for, and adapt to a changing climate. Add links to key documents and information where appropriate.	
	Retained consultant to update IDF curves.
	Continued to participate in Fraser Valley Agricultural Adaptation Strategies project with respect to flood protection and drainage aspects.
	Completed the Vedder/Chilliwack River Glacial Flow Assessment and updated Groundwater Modelling for the Sardis-Vedder Aquifer to assess potential climate change impacts to the City's primary municipal water supply source.
Climate Change Adaptation Actions Proposed for 2018	
	Implement updated IDF curves for stormwater management infrastructure.
	Continue to participate in Fraser Valley Agricultural Adaptation Strategies project.
For more information please contact:	
	Tara Friesen, Manager of Environmental Services, 604-793-2701, tfriesen@chilliwack.com

<p>The following are key resources that may be helpful to your local government in identifying climate impacts, as well as, strategies, actions and funding to deal with them. For those resources that you have used, please indicate whether they were useful in advancing your work in climate change adaptation?</p>	
<p>Indicators of Climate Change for British Columbia, 2016 Plan2Adapt Climate Projections for Metro Vancouver Climate Projections for the Capital Region Climate Projections for the Cowichan Valley Regional District Province of BC's BC Adapts Video Series Preparing for Climate Change: An Implementation Guide for Local Governments The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol Sea Level Rise Primer BC Regional Adaptation Collaborative Webinars www.ReTooling.ca Water Balance Model The Water Conservation Calculator</p> <p>Funding: National Disaster Mitigation Program (NDMP) Community Emergency Preparedness Fund (CEPF) Municipalities for Climate Innovation Program (MCIP) Climate Adaptation Partner Grants (FCM) Infrastructure Planning Grants (MAH) Federal Gas Tax Fund</p>	<p>Useful Useful Haven't Used Haven't Used Haven't Used Haven't Used Useful Haven't Used Haven't Used Haven't Used Useful Haven't Used Haven't Used Useful Haven't Used Haven't Used</p> <p>Useful Useful Haven't Used Haven't Used Useful Useful</p>
<p>Other:</p>	

2017 OTHER CLIMATE ACTIONS

Other Climate Actions

This section provides local governments the opportunity to report other climate actions that are not captured in the categories above.

Community-Wide Actions Taken in 2017	
Community-Wide Actions Proposed for 2017	

Corporate Actions Taken in 2017	
Corporate Actions Proposed for 2017	

Other	
Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC) ?	Yes
Have you used CLIC?	No

INNOVATION AND PEER-TO-PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Community-Wide GHG reduction and/or climate change adaptation activity that your local government has undertaken and that has had, or has the potential to have, a significant impact. You are welcome to repeat an action that has already been listed.

Projects included here may be featured as success stories on the B.C. Climate Action Toolkit and/or shared with other local governments to inspire further climate action. Please add links to additional information where possible.

Communities that have conducted innovative initiatives may want to consider raising their profile through applications to [CEA's Climate and Energy Action Awards](#), [UBCM Climate and Energy Action Award](#), [FCM Sustainable Communities Awards](#) or through submissions to [FCM's National Measures Report](#).

Community-Wide Action

For more information contact:

Corporate Action

Conducting a Biogas Feasibility Study to evaluate options to increase biogas production through the addition of food waste to the Wastewater Treatment Plant’s anaerobic digesters, and upgrading the biogas to biomethane to ultimately sell to FortisBC.

For more information contact: Chandra Naiduwa, Utilities Engineer, 604-793-2745, naiduwa@chilliwack.com

Programs, Partnerships and Funding Opportunities

Local governments often rely on programs, partnerships and funding opportunities to achieve their climate action goals. Please share the names of programs and organizations that have supported your local government’s climate actions by listing each entry in the box below.

Mitigation

Programs and Funding

Received \$80,000 in grant funding from the Federation of Canadian Municipalities (FCM) to conduct a Biogas Feasibility Study to evaluate options to upgrade biogas to biomethane and ultimately sell it to FortisBC.

Adaptation

Programs and Funding

2017 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee (GCC) has established a common approach to determining carbon neutrality for the purposes of the Climate Action 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, especially the [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 greenhouse gas (GHG) emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper, in their annual Climate Action Revenue Incentive Program (CARIP) reports.

Reporting Emissions

Did you measure your local government's corporate GHG emissions in 2017?	Yes
If your local government measured 2017 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from services delivered <u>directly</u> by your local government:	4,179
If your local government measured 2017 corporate GHG emissions, please report the number of corporate GHG emissions (in tonnes of carbon dioxide equivalent) from <u>contracted</u> services:	358
TOTAL A: CORPORATE GHG EMISSIONS FOR 2017	4,537 tCO₂e

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2017 by one or a combination of the following actions:

- undertake GCC-supported Option 1 Project(s)
- undertake GCC-supported Option 2 Project(s)
- purchase carbon offsets from a credible offset provider

If applicable, please report the 2017 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Energy Efficient Retrofits	

Solar Thermal	
Household Organic Waste Composting	2,447
Low Emission Vehicles	
Avoided Forest Conversion	
TOTAL B: REDUCTIONS FROM OPTION 1 PROJECTS FOR 2017	2,447 tCO2e

If applicable, please report the names and 2017 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:

OPTION 2 PROJECT NAME	REDUCTIONS
TOTAL C: REDUCTIONS FROM OPTION 2 PROJECTS FOR 2017	0 tCO2e

If applicable, please report the name of the offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO2e)) from an offset provider for the 2017 reporting year:

(NOTE: DO NOT INCLUDE ANY FUNDS THAT MAY BE SET ASIDE IN A CLIMATE ACTION RESERVE FUND)

OFFSET PROVIDER NAME	OFFSETS
TOTAL D: OFFSETS PURCHASED FOR 2017	0 tCO2e

TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) = 2,447 tCO₂e

Corporate GHG Emissions Balance for 2017

Your local government's Corporate GHG Emissions Balance is the difference between total corporate GHG emissions (direct + contracted emissions) and the GHG emissions reduced through GCC Option 1 and Option 2 projects and/or the purchase of offsets.

CORPORATE GHG EMISSIONS BALANCE FOR 2017 = (A – (B+C+D)) = 2,090 tCO₂e

**If your Corporate GHG Emissions Balance is negative or zero,
your local government is carbon neutral.
CONGRATULATIONS!**

If applicable, please record any emissions reductions you will be carrying over for future years and the source of the emissions reductions, including the year they were earned (E.g., Organics diversion, 2016 100 tCO₂e).

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	0 tCO₂e

Carbon Neutral Reporting	
Does your local government have a climate reserve fund or something similar?	No

GCC CLIMATE ACTION RECOGNITION PROGRAM

Green Communities Committee (GCC) Climate Action Recognition Program

The joint Provincial-UBCM Green Communities Committee (GCC) is pleased to be continuing the Climate Action Recognition Program again this year. This multi-level program provides the GCC 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, and who have measured 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 have demonstrated undertaking significant action (corporately or community wide) to reduce GHG emissions in the reporting year (i.e: through undertaking a GHG reduction project, purchasing offsets, establishing a reserve fund).

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

For purposes of Level 3 recognition, if applicable, please identify any new or ongoing corporate or community wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time or financial resources and is intended to result in significant GHG reductions:

PROJECT NAME:

Based on your local government's 2017 CARIP Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

<input type="checkbox"/>	Level 1 – Demonstrating Progress on Charter Commitments	
<input type="checkbox"/>	Level 2 – Measuring GHG Emissions	
<input checked="" type="checkbox"/>	Level 3 – Accelerating Progress on Charter Commitments	Yes
<input type="checkbox"/>	Level 4 - Achievement of Carbon Neutrality	
<input type="checkbox"/>	Not Sure	