



## Survey Template

### For the 2018 CARIP Climate Action/Carbon Neutral Progress Survey

Local governments are required to submit the *2018 CARIP Climate Action/Carbon Neutral Progress Survey* on or before June 1, 2019.

#### Use Template to Collect Information

This Survey Template has been provided to help local governments complete the survey and report its contents. The template can be used to:

- gather and record survey responses before inputting data into the survey; and/or
- create the public report.

Alternatively, a local government may choose to use a template or format of their own design.

Responses entered into this Survey Template can be cut and pasted into the online survey. The survey asks for up to five actions in each category, and there is a place in the survey to report additional actions if desired. In this Survey Template, simply add more lines to the tables to report more than five actions.

#### Public Reports:

Public reports must contain the same information as submitted in the 2018 Climate Action/Carbon Neutral Progress Survey. Because respondents are unable to generate a report of survey responses, Ministry staff will send each respondent a PDF version of their CARIP report once it has been completed online.

#### For purposes of the CARIP Survey, the following definitions apply:

##### COMMUNITY-WIDE ACTIONS

Actions undertaken to reduce GHG emissions in the community at-large (e.g. not related to corporate operations).

##### CORPORATE ACTIONS

Actions undertaken to reduce 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.

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## Climate Action Revenue Incentive (CARIP) Public Report for 2018



**Local Government:**

**Regional District of Central Kootenay**

**Report Submitted by:**

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**Date: June 1, 2019**



The Regional District of Central Kootenay has completed the 2018 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2018 and proposed for 2019 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.



## 2018 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, and centred) plays an especially important role in energy and GHG reduction.

<b>Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions</b>	
	Development of Organics Waste Diversion Strategy and new recycling program
	Regional Flood Hazard Risk Assessment
	Wildfire Risk Reduction Planning
	Area G - Official Community Plan
	Area I - Office Community Plan - initiated
	Shoreacres Integrated Land Use Planning Assessment Project
	Area E - Strategic Plan survey and consultation
	Implementation of Senior Energy Specialist work plan
<b>Q 8 Community-Wide Broad Planning Actions Proposed for 2019</b>	
	Resource Recovery Plan Update
	Regional Flood Mapping
	Wildfire Risk Reduction Planning
	Biofuel Business Planning
	Regional Approach to Rural Climate Adaptation Planning
	Implementation of Senior Energy Specialist work plan



Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions	
	Parks & Recreation Master Planning - stage 1
	Implementation of Senior Energy Specialist work plan
Q 11 Corporate Broad Planning Actions Proposed for 2019	
	Parks & Recreation Master Planning - stage 2
	Declaration of Climate Action Imperative
	Implementation of Senior Energy Specialist work plan

Broad Planning	
<b>Q 12 What is (are) your current GHG reduction target(s)?</b>	As of 2016, the RDCK's carbon pollution levels are 10.6% below 2007 levels, which represent an average reduction of over 1% per year over the past decade. With sustained effort and funding, the RDCK will meet its 2030 goals of a reduction of 25% GHG's below 2007 levels.
<b>Q 13 Are you familiar with your local government's community energy and emissions inventory (e.g. <a href="#">CEEI</a> or another inventory)?</b>	<b>Yes/No</b>
<b>Q 14 What plans, policies or guidelines govern the implementation of climate mitigation in your community?</b> <ul style="list-style-type: none"> <li>• Community Energy and Emissions Plan</li> <li>• Integrated Community Sustainability Plan</li> <li>• Community- Wide Climate Action Plan</li> <li>• Official Community Plan</li> <li>• Regional Growth Strategy</li> <li>• Do not have a plan</li> <li>• Other:</li> </ul>	<b>Yes/No</b> <b>Yes/No</b> <b>Yes/No</b> <b>Yes/No</b> <b>Yes/No</b> <b>Yes/No</b> <b>Yes/No</b>
<b>Q 15 Does your local government have a corporate GHG reduction plan?</b>	<b>Yes/No</b>



## 2018 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.

#### Q 16 + Q 17 Community-Wide Building and Lighting Actions Taken in 2018 + Additional Actions

Corporate Energy Audits in all 3 recreation facilities
Castlegar and District Recreation Complex lighting upgrades
Castlegar Arena renovation and retrofit
Implementation of Portfolio Manager in all 3 recreation facilities to track energy usage
Creston and District Recreation Complex lighting upgrades
Balfour Seniors Hall upgrade and installation of solar PV
Balfour Golf Course upgrade and installation of solar PV
Regional Energy and Efficiency Program
Riondel & District Curling Club Ice Plant upgrades

#### Q 18 Community-Wide Building and Lighting Actions Proposed for 2019

Castlegar and District Recreation Complex installation of solar PV
Creston and District Recreation Complex lighting upgrades & installation of solar PV
Regional Energy and Efficiency Program
Procter Community Hall energy efficiency upgrade
Procter Seniors Association Branch roof upgrade
Burton Community Hall upgrade



Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions	
	Castlegar Complex Ice Chiller replacement
Q 21 Corporate Building and Lighting Actions Proposed for 2019	
	Completion of LED streetlight conversions

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	
Q 22 Is your local government aware of the <a href="#">BC Energy Step Code?</a>	Yes/No
Q 23 Is your local government implementing the <a href="#">BC Energy Step Code?</a>	Yes/No

## P5 2018 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.

Q 24 + Q 25 Community-Wide Energy Generation Actions Taken in 2018 + Additional Actions	
	Balfour Community Hall solar PV installation
	Balfour Seniors Association Branch solar PV installation
	Balfour Golf Course solar PV installation
	Burton Community Hall solar PV installation
Q 26 Community-Wide Energy Generation Actions Proposed for 2019	
	Procter Community Hall solar installation

Q 27 + Q 28 Corporate Energy Generation Actions Taken in 2018 + Additional Actions	
	Specified Risk Material and Livestock disposal study to consider the potential for renewable natural gas production





<b>Q 29 Corporate Energy Generation Actions Proposed for 2019</b>	
	Castlegar & District Recreation Centre solar installation
	Creston & District Recreation Centre solar installation
	Investigation of renewable natural gas generation opportunities
	Investigation of biofuel generation opportunities

<b>Energy Generation</b>	
<b>Q 30 Is your local government developing, or constructing a</b> <ul style="list-style-type: none"> <li>• district energy system</li> <li>• renewable energy system</li> <li>• none of the above</li> </ul>	<b>Yes/No</b> <b>Yes/No</b>
<b>Q 31 Is your local government operating a</b> <ul style="list-style-type: none"> <li>• district energy system</li> <li>• renewable energy system</li> <li>• none of the above</li> </ul>	<b>Yes/No</b> <b>Yes/No</b>
<b>Q 32 Is your local government connected to a district energy system that is operated by another energy provider?</b>	<b>Yes/No</b>
<b>Q 33 Are you familiar with the 2018 <a href="#">List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments?</a></b>	<b>Yes/No</b>



## 2018 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.

#### Q 34 + Q 36 Community-Wide Greenspace Actions Taken in 2018 + Additional Actions (Q 35 below Q 41)

	Central Kootenay Food Policy Council - support for the Farm & Food Directory
	Fish/Bear Lake Western Toad Ecology and highway 31 Mortality Mitigation Study
	Grizzly Bear Coexistence Solutions
	Kootenay Community Bat Project: Bat Conservation on Private Land
	North Kootenay Lake Water Monitoring Project
	Shoreline Guidance Document for Kootenay Lake,
	Salmo Valley Recreational Trail expansion
	Waterloo Eddy land acquisition
	Campbell Field planning & development

#### Q 37 Community-Wide Greenspace Actions Proposed for 2019

	Projects funded through the Kootenay Lake Local Conservation Fund for 2019:
	Next Creek Property Acquisition
	Grizzly Bear Coexistence Solutions
	Fish/Bear Lake Western Toad Ecology and highway 31 Mortality Mitigation Study
	Wildflowers for Pollinators



	North Kootenay Lake Water Monitoring Project
	Kootenay Lake Kokanee Salmon Spawning Habitat Research
	Evaluating Bat Boxes as a Mitigation for White-Nose Syndrome
	Crawford Creek Regional Park Mapping
	Western Painted Turtle Conservation

<b>Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions</b>	
	Crawford Creek Regional Park acquisition
	Creston & District Skate and Community Park planning
<b>Q 40 Corporate Greenspace Actions Proposed for 2019</b>	
	Cottonwood Lake Regional Park extension
	Lardeau Regional Park planning
	Creston & District Skate and Community Park construction

<b>Greenspace</b>	
<b>Q 41 Does your local government have urban forest policies, plans or programs?</b>	<b>Yes/No</b>
<b>Q 35. Does your local government have policies, plans or programs to support local food production?</b>	<b>Yes/No</b>



## 2018 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.

#### Q 42 + Q 43 Community-Wide Solid Waste Actions Taken in 2018 + Additional Actions

	Negotiation with Recycle BC to establish depots and change of service
	Development of Organics Waste Diversion Strategy and new recycling program
	New Denver organics diversion pilot
	Specified Risk Material and Livestock disposal study to consider the potential for renewable natural gas production

#### Q 44 Community-Wide Solid Waste Actions Proposed for 2019

	Collection Agreement with Recycle BC
	Resource Recovery Plan Update

#### Q 45 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions

	HB Tailings Facility Remediation and Closure Project planning
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<b>Q 47 Corporate Solid Waste Actions Proposed for 2019</b>

<b>Solid Waste</b>	
<b>Q 48 Does your local government have construction and demolition waste reduction policies, plans or programs?</b>	<b>Yes/No</b>
<b>Q 49 Does your local government have organics reduction/diversion policies, plans or programs?</b>	<b>Yes/No</b>

## 2018 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 and public transit, can contribute to reductions in GHG emissions and more livable communities.

### Q 50 + Q 51 Community-Wide Transportation Actions Taken in 2018 + Additional Actions



	Kootenay Lake West and Creston Valley Transit Services Transit Betterment Program
	Negotiation with the federal Ministry of Transportation to support rural inter-city bus service
	Completion and launch of Accelerate Kootenays Electric Vehicle Network
	Transit improvements for Areas B, E, G, H and I and Nelson
<b>Q 52 Community-Wide Transportation Actions Proposed for 2019</b>	
	West Kootenay Transit workshops

<b>Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions</b>	
	RDCK fleet purchase of hybrid vehicles
<b>Q 55 Corporate Transportation - Actions Proposed for 2019</b>	
	Update of RDCK green fleet purchasing policy



Transportation	
<b>Q 56 Does your local government have policies, plans or programs to support:</b> <ul style="list-style-type: none"> <li>• Walking</li> <li>• Cycling</li> <li>• Transit Use</li> <li>• Electric Vehicle Use</li> <li>• Other (please specify)</li> </ul>	Yes/No Yes/No Yes/No Yes/No Yes/No
<b>Q 57 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 behaviour)?</b>	Yes/No
<b>Q 58 Does your local government integrate its transportation and land use planning?</b>	Yes/No

## 2018 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 GHG emissions.

Q 59 + Q 60 Community-Wide Water and Wastewater Actions Taken in 2018 + Additional Actions	
	Balfour water system water main replacement
	Arrowcreek/Erickson water system water main replacement
	Sitkum Creek and Lister water system upgrade
	South Canyon Improvement District water source catchment protection building
	West Kootenay Marine Sewage Pump-out project
	Heddlestone Village water system upgrade
	Bonnington Improvement District - universal water metering project



	Woodland Heights water system and water quality upgrades
	Slocan Park Improvement District waster system supply and infrastructure upgrade
	Ootischenia Improvement District water main upgrade
	WaterSmart Ambassadors
<b>Q 61 Community-Wide Water and Wastewater Actions Proposed for 2019</b>	
	Mirror Lake Water Users Community Plan and Implementation Strategy
	WaterSmart Ambassadors

<b>Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions</b>	
	Regional Watershed Governance Initiative workshops & project development
	Edgewood Water System Upgrade planning
	Woodbury Water System Upgrades
<b>Q 64 Corporate Water and Wastewater Actions Proposed for 2019</b>	
	Regional Watershed Governance Initiative Scoping Study
	Balfour Supervisor Control and Data Acquisition Upgrades for water treatment plant
	Edgewood Water System Upgrades





<b>Water Conservation</b>	
<b>Q 65 Does your local government have water conservation policies, plans or programs?</b>	<b>Yes/No</b>

## 2018 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.

<b>Q 66 Please identify the THREE climate impacts that are most relevant to your Local Government.</b>	
<ul style="list-style-type: none"> <li>• Warmer winter temperatures reducing snowpack</li> <li>• Changes to temperature and precipitation causing seasonal drought</li> <li>• Heatwaves impacting population health</li> <li>• Increased temperatures increasing wildfire activity</li> <li>• Increased temperatures affecting air quality</li> <li>• Changing temperatures influencing species migration and ecosystem shifts</li> <li>• Changing temperatures influencing ecosystem shifts</li> <li>• Extreme weather events contributing to urban and overland flooding</li> <li>• Sea level rise and storms causing coastal flooding and/or erosion</li> </ul>	
Other (please specify):	
<b>Q 67 In 2018 has your local government addressed the impacts of a changing climate using any of the following?</b>	



Risk and Vulnerability Assessments	Yes/No
Risk Reduction Strategies	Yes/No
Emergency Response Planning	Yes/No
Asset Management	Yes/No
Natural/Eco Asset Management Strategies	Yes/No
Infrastructure Upgrades (e.g. stormwater system upgrades)	Yes/No
Beach Nourishment Projects	Yes/No
Economic Diversification Initiatives	Yes/No
Strategic and Financial Planning	Yes/No
Cross-Department Working Groups	Yes/No
Official Community Plan Policy Changes	Yes/No
Changes to Zoning and other Bylaws and Regulations	Yes/No
Incentives for Property Owners (e.g. reducing storm water run-off)	Yes/No
Public Education and Awareness	Yes/No
Research	Yes/No
Mapping	Yes/No
Partnerships	Yes/No
Other (please specify):	

<b>Q 68 Climate Change Adaptation Actions Taken in 2018</b>	
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.	
	Community Wildfire Protection Planning & fuel treatment
	RDCK Wildfire Mitigation Service established
	FireSmart Communities - Kaslo Back Road and Woodbury
	FireSmart Home assessment program & Fire Mitigation Specialists
	Commitment to 100% Renewable energy by 2050
	Sustainability Checklists for new commercial and residential development



	UBCM Green Communities Level 3 recognition - Acceleration Progress on Charter Commitments
	Partners for Climate Protection - Milestone level 4
	Wood Stove Exchange Program
	Regional Flood Hazard Risk Assessment
	Regional Energy Efficiency Program <a href="https://rdck.ca/EN/meta/news/news-archives/2019-news-archive/registration-now-open-for-regional-energy-efficiency-program-home-renovation.html">https://rdck.ca/EN/meta/news/news-archives/2019-news-archive/registration-now-open-for-regional-energy-efficiency-program-home-renovation.html</a>
<b>Q 69 Climate Change Adaptation Actions Proposed for 2019</b>	
	Community Wildfire Protection Planning & fuel treatment
	RDCK Wildfire Mitigation Service established
	FireSmart Communities - Kaslo Back Road and Woodbury
	FireSmart & Fire Mitigation Specialists
	Community Emergency Preparedness - evacuation route planning
	Wood Stove Exchange Program
	Climate Action Intern to develop an annual RDCK climate adaptation & mitigation indicator report
	Regional Flood Mapping Project
	Regional Energy Efficiency Program
<b>Q 70 For more information please contact</b>	
	Sangita Sudan - <a href="mailto:ssudan@rdck.bc.ca">ssudan@rdck.bc.ca</a> or Paris Marshall Smith - <a href="mailto:PMarshallSmith@rdck.bc.ca">PMarshallSmith@rdck.bc.ca</a>





## 2018 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.

Q 72 Community-Wide Other Actions Taken in 2018	
Q 73 Corporate Other Actions Taken in 2018	
	Senior Energy Specialist position established in partnership with FortisBC

Other	
Q 74 Are you familiar with the <a href="#">Community Lifecycle Infrastructure Costing Tool (CLIC)</a> ?	Yes/No
Q 75 Is your local government using the <a href="#">CLIC</a> tool?	Yes/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 highlight 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 making applications to [CEA's Climate and Energy Action Awards](#), [FCM Sustainable Communities Awards](#) or to [FCM's National Measures Report](#).

<b>Q 76 Community-Wide Innovation Action</b>
REEP
<b>Q 77 Corporate Innovation Action</b>
<b>Q 78 For more information on actions described above contact</b>

## 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 separated by a forward slash (e.g. program1/program2).

### Mitigation

<b>Q 79 Mitigation Programs, Partnerships and Funding</b>
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Community Energy Association  
Columbia Basin Trust  
Rural Development Institute  
Natural Resources Canada  
PICS at UVIC  
Community Emergency Preparedness funding through UBCM  
National Disaster Mitigation Program funding Public Safety Canada and Emergency Management BC

## Adaptation

### Q 80 Adaptation Programs, Partnerships and Funding

Community Energy Association  
Columbia Basin Trust  
Rural Development Institute  
Natural Resources Canada  
PICS at UVIC  
Community Emergency Preparedness funding through UBCM  
National Disaster Mitigation Program funding Public Safety Canada and Emergency Management BC

## 2018 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the [B.C. 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 [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 Climate Action Revenue Incentive Program (CARIP) reports.

### Reporting Emissions

Q 81 Did your local government measure corporate GHG emissions for 2018?	Yes/No
Q 82 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from services delivered directly by your local government (in tonnes of carbon dioxide equivalent)	2376
Q 83 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent)	269
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	2646 tCO <sub>2</sub> e

### Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions generated in 2018 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

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 2018 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 PROJECTS	REDUCTIONS
<b>Q 85 Energy Efficient Retrofits (in tonnes of carbon dioxide equivalent (tCO2e))</b>	
Castlegar & District recreation centre upgrades	50.2
<b>Q 86 Solar Thermal (in tonnes of carbon dioxide equivalent (tCO2e))</b>	
<b>Q 87 Household Organic Waste Composting (in tonnes of carbon dioxide equivalent (tCO2e))</b>	
<b>Q 88 Low Emission Vehicles (in tonnes of carbon dioxide equivalent (tCO2e))</b>	
<b>Q 89 Avoided Forest Conversion (in tonnes of carbon dioxide equivalent (tCO2e))</b>	
<b>Q 90 TOTAL B: REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2018</b>	<b>50.2 tCO2e</b>

**Commented [1]:**  
Waiting to hear back from Tom on what was purchased last year

**Q 91 If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects:**

Option 2 Project Name	REDUCTIONS
Creston Landfill Flare 2018 GHG reduction Quantification (Sperling Hansen Association)	
<b>Option 2 GHGs Reduced (tCO2e)</b>	1880
<b>Option 2 Project Name</b>	



Option 2 GHGs Reduced (tCO2e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO2e)	
<b>Q 92 TOTAL C: REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2018</b>	<b>1880 tCO2e</b>

**Offsets**

**Q 93** 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 2018 reporting year:

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

Offset Provider Name	OFFSETS
Offsets (tCO2e)	
Offset Provider Name	
Offsets (tCO2e)	
<b>Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018</b>	<b>tCO2e</b>



**Q 95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D) = 1930.2 tCO2e**

**Corporate GHG Emissions Balance for 2018**

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

**Q 96 CORPORATE GHG EMISSIONS BALANCE FOR 2018 = (A - (B+C+D)) = 715.8 tCO2e**

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

**Q 97 If your local government was carbon neutral in 2018, 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, 2018 100 tCO2e)**

SOURCE OF CARRY OVER EMISSION REDUCTIONS (and year earned)	REDUCTIONS
<b>Q 98 BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR</b>	<b>tCO2e</b>

Carbon Neutral Reporting	
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Q 99 Does your local government set aside funds in a climate reserve fund or similar?	Yes/No
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## GCC CLIMATE ACTION RECOGNITION PROGRAM

### Green Communities Committee 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 (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 carbon neutrality in the reporting year.

**Q 100 Based on your local government's 2018 CARIP Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:**

Level 1 – Demonstrating Progress on Charter Commitments	
Level 2 – Measuring GHG Emissions	



Level 3 – Accelerating Progress on Charter Commitments	<input checked="" type="checkbox"/>
Level 4 - Achievement of Carbon Neutrality	<input type="checkbox"/>
Not Sure	<input type="checkbox"/>

**Q 101 Related to 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 and/or financial resources and is intended to result in significant GHG reductions:**

<b>PROJECT NAME:</b>