



Climate Action Revenue Incentive (CARIP) Public Report for 2018

Local Government: Regional District North Okanagan



Report Submitted by

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The Regional District of North Okanagan 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.

Q 6 + Q 7 Community-Wide Broad Planning Actions Taken in 2018 + Additional Actions	
	RGS 5-Year Review and up-date to the Regional Growth Strategy- Analysis of the Monitoring and Evaluation Work on the RGS Indicators.
Q 8 Community-Wide Broad Planning Actions Proposed for 2019	
	Ongoing work on the 5-Year Review of the Regional Growth Strategy including analysis of the GHG reduction targets and inclusion of a Climate Adaptation section.
	Okanagan Basin Wide (RDNO, RDCO, RDOS) Climate Projections Report- The Report will inform decisions on infrastructure and planning, flood and drought preparedness, and other water conservation issues in the face of climate change today and into the future.
Q 9 + Q 10 Corporate Broad Planning Actions Taken in 2018 + Additional Actions	
	Discussed Climate Change Adaption in major infrastructure and planning decisions made at the corporate level.
Q 11 Corporate Broad Planning Actions Proposed for 2019	
	Continue to seek direction from the Board of Directors on future actions with respect to achieving carbon neutrality.
Broad Planning	
Q 12 What is (are) your current GHG reduction target(s)?	Overall RDNO targets per RGS: 15% by 2020 & 25% by 2030. Each Electoral area includes the following reduction targets, from 2007 levels, in their OCPs: Area B: 20% by 2020 Area C: 10% by 2020 Area D: 25% by 2030 Area E: 25% by 2030 Area F: 15% by 2020 and 26% by 2030
Q 13 Are you familiar with your local government's community energy and emissions inventory (e.g. CEEI or another inventory)?	Yes

Q 14 What plans, policies or guidelines govern the implementation of climate mitigation in your community? <ul style="list-style-type: none"> • Community Energy and Emissions Plan • Integrated Community Sustainability Plan • Community- Wide Climate Action Plan • Official Community Plan • Regional Growth Strategy • Do not have a plan • Other: 	No No No Yes Yes No
Q 15 Does your local government have a corporate GHG reduction plan?	No

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	
	Installed energy efficient heating system in Cherryville Community Hall.
	Brought electrical system of Lumby Old Age Pensioners' Hall up to code.
	Installed new well pump at the Cherryville Community Hall, which restored water to the Hall.
Q 18 Community-Wide Building and Lighting Actions Proposed for 2019	
	No actions currently planned.

Q 19 + Q 20 Corporate Building and Lighting Actions Taken in 2018 + Additional Actions	
	No actions taken.
Q 21 Corporate Building and Lighting Actions Proposed for 2019	
	No actions planned.

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 BC Energy Step Code?	Yes
Q 23 Is your local government implementing the BC Energy Step Code?	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	
	No actions taken.
Q 26 Community-Wide Energy Generation Actions Proposed for 2019	
	No actions planned.

Q 27 + Q 28 Corporate Energy Generation Actions Taken in 2018 + Additional Actions	
	No actions taken.
Q 29 Corporate Energy Generation Actions Proposed for 2019	
	No actions planned.

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

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)	
	Development of a remediation plan for Gardom Creek below Highway 97.
	Completed feasibility study for North Okanagan Wastewater Recovery Project (protection of Swan Lake).
	Assessed influence of surrounding land uses on water quality in Bailey Creek and Boltres Creek.
	Installed four sensors to the Cherry Creek Monitoring Station.
	Undertook wildlife and vegetation inventory and agricultural land suitability study on BX Ranchlands.
	Constructed an overflow channel on the Shuswap River to stop overland flooding of Hanson Park.
	Participated in LiDAR mapping of Okanagan Basin for land use planning, floodplain planning, and emergency management.
	B&C Parks Master plan
Q 37 Community-Wide Greenspace Actions Proposed for 2019	
	Undertake LiDAR mapping of part of the Shuswap Drainage area for land use planning and emergency management mapping and planning.
	Participate in the multi-jurisdictional Boating Impact Management Outreach Program for Kalamalka Lake, to engage with motorized boaters to encourage best practices for mitigation of impacts (e.g. erosion) on sensitive shorelines, and also encourage non-motorized on-water recreation by recommending non-motorized paddling/swimming corridors.
	Complete B&C parks master plan and development of a DCC by-law
Q 38 + Q 39 Corporate Greenspace Actions Taken in 2018 + Additional Actions	
Q 40 Corporate Greenspace Actions Proposed for 2019	

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

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	
	Submitted to BC Env. the Regional Solid Waste Management Plan in June for approval.
	Compost giveaway (made from yard and garden waste collected at the GVDDF).
	Ongoing oversight of Eco-Depot (Household Hazardous Waste [HHW] collection facility).
	Continued backyard composter rebate program.
	Continued free drop off of yard waste year round at all RDFs.
	Significantly lower tipping fees to promote segregation of wood, logs and stumps at all RDFs (clean and dirty wood waste is chipped and used in combination with soil for landfill cover material).
	Continued free drop off of all yard and garden waste at DDFs and production of rdno-gro compost at the GVDDF.
Q 44 Community-Wide Solid Waste Actions Proposed for 2019	
	Community Garden composting support (containers and education).
	Continue Backyard Composter Rebate Program.
	Request for Expression of Interest for Organics Management will be issued.
	Clean wood separation to be used for other beneficial uses besides landfill cover at GVDDF.
	Decrease contamination (foreign matter and plastic) in yard and garden waste delivered to GVDDF so compost generated from the waste can be used for other purposes rather than landfill cover.
	Investigate ways to reduce self haul traffic at the GVDDF.
	Continue use of hybrid poplar plantation to manage leachate at the ASDDF and at the same time act as a carbon sink.
	Complete entrance upgrade at the GVDDF to allow commercial customers to reduce idling time (waiting in lineup at the scale).
	Continue to expand LFG collection at the GVDDF and investigation of LFG migration at the ASDDF.

Q 45 + Q 46 Corporate Solid Waste Actions Taken in 2018 + Additional Actions	
	Worked with FortisBC to complete a Landfill Gas Analysis and Utilization Report.
	Asset Management Plan developed.
	Installed six LFG vents at ASDDF to help mitigate offsite migration of LFG – it will be feasible to hook these up to a LFG collection system in the future if necessary to reduce passive methane venting by burning the gas instead.
Q 47 Corporate Solid Waste Actions Proposed for 2019	

	Hire additional staff to promote waste diversion from landfills.
	Based on FortisBC's LFG Utilization Report, negotiate an agreement to provide LFG for production of Renewable Natural Gas at the GVDDF.
	Review and renew drywall management practices at all DDFs.
	Tender Phase 1 Closure of ASDDF for construction in September.

Solid Waste	
Q 48 Does your local government have construction and demolition waste reduction policies, plans or programs?	Yes
Q 49 Does your local government have organics reduction/diversion policies, plans or programs?	Yes

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	
	Worked with local farmers, agricultural operators and other agencies on solutions that would facilitate local food processing (reduction in movement of goods).
	Installed Pottery Road Pedestrian Walkway.
	Installed Pleasant Valley Road Pathway.
	Implemented Saturday service (4 trips) and additional summer service (4 trips) for the UBCO #90 route.
	Improved fare options implemented in April.
	Free public transit on Clean Air Day (Environment Week).
Q 52 Community-Wide Transportation Actions Proposed for 2019	
	Reroute buses in Armstrong and Coldstream to accommodate more riders: Heaton Place and VegPro (move from Grey to Ricardo Road) – June.
	Work with Okanagan Indian Band & BC Transit to provide service to the OKIB community.
	Free transit on Clean Air Day (Environment Week in June).

Q 53 + Q 54 Corporate Transportation Actions Taken in 2018 + Additional Actions	
	Encouraged and promoted participation in Bike to Work week.
Q 55 Corporate Transportation - Actions Proposed for 2019	
	Work with BC Transit to finalize the three year expansion MOU for 2020 – 2021 for additional service on the UBCO #90 route and Lumby #61 route.
	Encourage participation in Bike to Work Week.

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

2018 WATER AND WASTEWATER ACTIONS

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	
	Completed feasibility study for North Okanagan Wastewater Recovery Project (community sewer system).
	Monitored water quality (Cherryville Water) to provide baseline information for Shuswap catchment area.
	Monitored water quality (Mid Shuswap and Bessette Water) to provide baseline information for Shuswap watershed.
	Ongoing use of xeriscape demonstration garden in Polson Park, in addition to public workshops to promote sustainable gardening practices. Customer education program on year-round water use restrictions.
	Water conservation rate structure to encourage efficient water use, discussing water conservation with customers asking about their high water bills, leak investigation advertising program.
	Promotion of water conservation and protection of watersheds as a part of events such as Earth Day, Sunshine Festival, Canada Day, Farmers Markets, Rivers Day. Engaged with over 1974 people.
	Presented water conservation information to Elementary & Secondary schools via staff in-class presentations and tours of Duteau Creek Water Treatment Plant/Mission Hill Water Treatment Plant. Engaged with over 1512 children.
	Water meter replacement/remote reading program continues (2015-2020). Initiated leak flagging program – software flags large leaks and emails daily report to staff who can contact the customer.

	Continued participation in Make Water Work Program – Okanagan Basin-Wide conservation outreach program to educate public on benefits of efficient water use.
	Duteau Creek Watershed & Kalamalka Lake Watershed Assessment Response Plan Technical Advisory Committees continue to meet twice annually with stakeholders to review progress on response actions.
	Adopt-A-Stream and Yellow Fish Road Programs offered to youth and adult community volunteers.
	Agricultural Water Conservation – Improve communications through pilot project (sending water supply text/email alerts) and promote irrigation efficiency: scheduling tools and irrigation recommendations to reduce agricultural water demand. Increased enforcement of water metering requirements and flow rate limitations.
Q 61 Community-Wide Water and Wastewater Actions Proposed for 2019	
	One-on-One outreach to high water users to provide landscape water use reduction suggestions.
	Industry education program – Qualified Water Efficient Landscaper certification – in partnership with City of Kelowna, based on California certification program.
	Dedicate more staff time to leak flag program, improve customer communications.

Q 62 + Q 63 Corporate Water and Wastewater Actions Taken in 2018 + Additional Actions	
	Annual Water System Audit to assess leakage/unaccounted for water losses.
	Expanded weather station monitoring to masses climate conditions around reservoirs.
	Master Water Plan - 40 year utility master plan – being used to direct annual and longer term projects. UV treatment added to Duteau Creek Water Treatment Plant as a result.
	Ongoing use of Drought Management Plan and environmental flow needs monitoring program in relation to reservoir operations.
	Kalamalka and Wood Lakes Boat Impact Study completed and public outreach program developed to assess environmental and water quality impacts to lake from motorized boat operation.
	Integrated new water meter data collection system into corporate systems as part of Automated Meter Infrastructure (AMI) Program.
	Emergency Response Plan drills completed along with annual updates.
Q 64 Corporate Water and Wastewater Actions Proposed for 2019	
	Continue to improve auditing program via data validation, assessment of AMI data.
	Continue to assess water supply patterns (reservoir levels, snowpack, precipitation, groundwater levels).
	Continue reservoir operations assessment to reduce water losses, monitor environmental flow needs for fisheries.

Water Conservation	
Q 65 Does your local government have water conservation policies, plans or programs?	Yes

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.

Q 66 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 • Changing temperatures influencing ecosystem shifts • Extreme weather events contributing to urban and overland flooding • Sea level rise and storms causing coastal flooding and/or erosion 	<p>Yes</p> <p>Yes</p> <p>Yes</p>
Other (please specify):	
Q 67 In 2018 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	Yes
Natural/Eco Asset Management Strategies	No
Infrastructure Upgrades (e.g. stormwater system upgrades)	Yes
Beach Nourishment Projects	No
Economic Diversification Initiatives	Yes
Strategic and Financial Planning	No
Cross-Department Working Groups	Yes
Official Community Plan Policy Changes	Yes
Changes to Zoning and other Bylaws and Regulations	Yes
Incentives for Property Owners (e.g. reducing storm water run-off)	No
Public Education and Awareness	Yes
Research	Yes
Mapping	Yes
Partnerships	Yes
Other (please specify):	

Q 68 Climate Change Adaptation Actions Taken in 2018	
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.	
	Reached out to the RDCO and RDOS to partner on the development of a Climate Projections Report.
Q 69 Climate Change Adaptation Actions Proposed for 2019	
	Hosted a Climate Adaptation Workshop with the Fraser Basin Council to initiate the dialogue with member municipalities (staff and politicians) and community groups on what changes we can expect and how we might best adapt.
	Completion of the Okanagan Basin Wide Climate Projections Report
Q 70 For more information please contact	
	Laura Frank laura.frank@rdno.ca

Q 71. 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?	
Indicators of Climate Change for British Columbia	Useful
Plan2Adapt	Useful
Climate Projections for Metro Vancouver	Useful
Climate Projections for the Capital Region	Useful
Climate Projections for the Cowichan Valley Regional District	Useful
Province of BC's BC Adapts Video Series	Haven't Used
Preparing for Climate Change: Implementation Guide for Local Governments	Useful
Public Infrastructure and Engineering Vulnerability Committee's (PIEVC)	Haven't Used
Sea Level Rise Adaptation Primer	Haven't Used
BC Regional Adaptation Collaborative Webinars	Useful
Retooling for Climate Change	Useful
Water Balance Model	Useful
Water Conservation Calculator	Useful
Funding:	
National Disaster Mitigation Program (NDMP)	Haven't Used
Community Emergency Preparedness Fund (CEPF)	Useful
Municipalities for Climate Innovation Program (MCIP)	Haven't Used
Climate Adaptation Partner Grants (FCM)	Applied but not successful
Infrastructure Planning Grants (MAH)	Useful
Federal Gas Tax Fund	Useful
Other (please specify)	

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	
No other actions to report.	
Q 73 Corporate Other Actions Taken in 2018	
No other actions to report.	
Other	
Q 74 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC) ?	Yes
Q 75 Is your local government using the CLIC tool?	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](#).

Q 76 Community-Wide Innovation Action
Q 77 Corporate Innovation Action
Q 78 For more information on actions described above contact

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

Q 79 Mitigation Programs, Partnerships and Funding

Adaptation

Q 80 Adaptation Programs, Partnerships and Funding

Okanagan Basin Water Board/NRCan/SWPI/CEPF

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
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)	382
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)	157
Q 84 TOTAL A: CORPORATE GHG EMISSIONS FOR 2018 (Direct GHGs + Contracted GHGs)	539 tCO₂e

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 (tCO₂e)) being claimed from any of the following Option 1 GHG Reduction Projects:

OPTION 1 PROJECTS	REDUCTIONS
Q 85 Energy Efficient Retrofits (in tonnes of carbon dioxide equivalent (tCO ₂ e))	
Q 86 Solar Thermal (in tonnes of carbon dioxide equivalent (tCO ₂ e))	
Q 87 Household Organic Waste Composting (in tonnes of carbon dioxide equivalent (tCO ₂ e))	
Q 88 Low Emission Vehicles (in tonnes of carbon dioxide equivalent (tCO ₂ e))	
Q 89 Avoided Forest Conversion (in tonnes of carbon dioxide equivalent (tCO ₂ e))	
Q 90 TOTAL B: REDUCTIONS FROM ALL OPTION 1 PROJECTS FOR 2018	tCO₂e

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
Option 2 GHGs Reduced (tCO ₂ e)	
Option 2 Project Name	
Option 2 GHGs Reduced (tCO ₂ e)	
Option 2 Project Name	

Option 2 GHGs Reduced (tCO₂e)	
Q 92 TOTAL C: REDUCTIONS FROM ALL OPTION 2 PROJECTS FOR 2018	tCO₂e

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)	
Q 94 TOTAL D: OFFSETS PURCHASED FOR 2018	tCO₂e

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

Corporate GHG Emissions Balance for 2018

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 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)) = _____ 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
Q 98 BALANCE OF REDUCTIONS ELIGIBLE FOR CARRY OVER TO NEXT YEAR	tCO₂e

Carbon Neutral Reporting	
Q 99 Does your local government set aside funds in a climate reserve fund or similar?	No

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:

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

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:

PROJECT NAME: