

2015 CARIP Climate Action/Carbon Neutral Progress Survey

Introduction

Welcome to the 2015 CARIP Climate Action/Carbon Neutral Progress Survey

This year's CARIP reporting process consists of a single online survey – the 2015 CARIP Climate Action/Carbon Neutral Progress Survey – that combines the two surveys from last year into one. The 2015 online survey has been simplified to make reporting easier. Local governments are required to submit the 2015 Climate Action/Carbon Neutral Progress Survey on or before June 1, 2016. Local governments are also required to publicly report the information submitted in the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. There are three ways a local government can report to the public. These include using: the report generated by the online survey (FluidSurveys™ software), a report based on the populated supporting Word Template provided to local governments, or, a report in another format that contains the information submitted in the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. The supporting Word Template has been created to assist with collecting information for the online 2015 Climate Action/Carbon Neutral Progress Survey. The Word Template is available on the CARIP webpage. It follows the same organization as the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. Responses entered into the Word Template can be cut and pasted into the online survey. Use of the Word Template is optional. Local governments may choose to edit the populated Word Template and use it for their public report, as an alternative to the report generated by the 2015 CARIP Climate Action/Carbon Neutral Progress Survey. Information Highlights Deadline for submitting the 2015 CARIP Climate Action/Carbon Neutral Progress Survey: June 1, 2016 Detailed Instructions and FAQs can be found here:

http://www.cscd.gov.bc.ca/lgd/library/2015_CARIP_Survey_Instructions.pdf Supporting Word Template can be found here:

http://www.cscd.gov.bc.ca/lgd/library/2015_CARIP_Survey_Template.doc Community-Wide Actions: Actions undertaken to reduce GHG emissions in the community at-large, i.e. 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. Please keep answers brief and avoid duplication by entering each action into a single category.

Broad Planning

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

COMMUNITY-WIDE BROAD PLANNING - 2015 ACTIONS

In the following section, please identify up to five community-wide Broad Planning actions taken in 2015 (one action per box). There is a separate box for additional actions that you wish to report.

2015 Community-Wide Broad Planning Actions

Variable	Response
2015 Community-Wide Broad Planning Actions	The Cultural Plan Task Force was formed and began the process of developing a Community Cultural Plan. Various information and consultation sessions were held including a Community Conversation on the Environment.

Additional Community-Wide Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Broad Planning actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE BROAD PLANNING - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

2016 Community-Wide Broad Planning Proposed Actions

Variable	Response
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2016 Community-Wide
Broad Planning Proposed
Actions |

The Cultural Plan Task Force will prepare a final draft of the Community Cultural Plan and submit it to Council. The plan will promote collaboration, partnerships and local action, creating a shared sense of direction and envisioning a preferred future.

CORPORATE

CORPORATE BROAD PLANNING - 2015 ACTIONS

In the following section, please identify up to five corporate Broad Planning actions taken in 2015 (one action per box). There is a separate box for additional actions that you wish to report.

2015 Corporate Broad Planning Actions

Variable	Response
2015 Corporate Broad Planning Actions	The Official Community Plan amendment was finalized and passed by Council.
2015 Corporate Broad Planning Actions	The Climate Action Committee, comprised of members of the public and representatives from the District, met throughout the year to initiate climate action, implement corporate and community actions plans and provide advice on climate change and environmental considerations as requested by Council.
2015 Corporate Broad Planning Actions	The District allocated a portion of the 2015 budget to be used for Climate Action projects.

Additional Corporate Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Broad Planning actions in the boxes below (optional).

(No response)

CORPORATE BROAD PLANNING - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Broad Planning actions proposed for 2016 (one action per box).

2016 Corporate Broad Planning Proposed Actions

Variable	Response
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2016 Corporate
Broad Planning
Proposed
Actions |

A new approach for addressing Climate Action will be implemented including filling a part-time / contract employment position being developed to manage climate change, sustainability and alternative energy projects.

2016 Corporate
Broad Planning
Proposed
Actions |

The 2016 budget includes an allocation for current year Climate Action projects.

2016 Corporate
Broad Planning
Proposed
Actions |

Sufficient funds to cover the costs of developing a Recreation Master Plan are included in the 2016 budget. The Plan will include evaluation of existing programs and facilities, with recommendations for energy efficient upgrades / replacements, additional trees and parks and "Green" programs.

SNAPSHOT QUESTIONS

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

Yes

Does your local government have a corporate GHG reduction plan?

Yes

What is your current GHG reduction target (s) as identified in your OCP or RGS?

Section 13.2 of the OCP identifies GHG reduction targets as follows: 33% below 2007 levels by 2020 and 80% below 2007 levels by 2050.

Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?

Yes

What plans, policies or guidelines govern the implementation of climate mitigation in your community?

- Community-Wide Action Plan

- OCP

Building and Lighting

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

COMMUNITY-WIDE BUILDING AND LIGHTING - 2015 ACTIONS

In the following section, please identify up to five community-wide Building and Lighting actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Building and Lighting Actions

Variable	Response
2015 Community-Wide Building and Lighting Actions	An audit and repairs were completed on the HVAC system at the Sewer Treatment Plant to ensure it was operating in an energy efficient manner.
2015 Community-Wide Building and Lighting Actions	The heat pump / HVAC unit at the Curling Club was replaced with a new energy efficient model.
2015 Community-Wide Building and Lighting Actions	The overhead metal highlights at the Aquatic Centre were replaced with energy efficient LED lights.
2015 Community-Wide Building and Lighting Actions	Community participation for Earth Hour was promoted through the District's newsletter and on the website. People were encouraged to turn off their lights for that hour, joining millions of people all showing support and drawing attention to the effects of climate change.

Additional Community-Wide Building and Lighting Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a “/”, any additional community-wide Building and Lighting actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Building and Lighting actions proposed for 2016 (one action per box).

2016 Community-Wide Building and Lighting Proposed Actions

Variable	Response
2016 Community-Wide Building and Lighting Proposed Actions	The metal highlights at the Curling Club will be replaced with energy efficient LED lights.
2016 Community-Wide Building and Lighting Proposed Actions	2016 Earth Hour promotions will take place.

CORPORATE

CORPORATE BUILDING AND LIGHTING - 2015 ACTIONS

In the following section, please identify up to five corporate Building and Lighting actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Building and Lighting Actions

Variable	Response
2015 Corporate Building and Lighting Actions	The existing lights in the Works and Utilities shop were replaced with energy efficient LED lights.

Additional Building and Lighting Corporate Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a “/”, any additional corporate Building and Lighting actions in the boxes below (optional).

Continue to replace less efficient computers with more efficient models.

CORPORATE BUILDING AND LIGHTING - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Broad Planning actions proposed for 2016 (one action per box).

2016 Building and Lighting Proposed Actions

Variable	Response
2016 Building and Lighting Proposed Actions	As part of the Integrated Asset Management and Infrastructure Investment Plan planned for 2016, an assessment of possibilities for retrofit buildings for energy savings that can be redirected towards achieving other environmental goals will be completed. This project will be partially funded with an approved grant from the Union of BC Municipalities Gas Tax Fund.

Energy Generation

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

COMMUNITY-WIDE ENERGY GENERATION - 2015 ACTIONS

In the following section, please identify up to five community-wide Energy Generation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Energy Generation Actions

Variable	Response
2015 Community-Wide Energy Generation Actions	(No response)

Additional Community-Wide Energy Generation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Energy Generation actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

2016 Community-Wide Energy Generation Proposed Actions

Variable	Response
2016 Community-Wide Energy Generation Proposed Actions	(No response)

CORPORATE

CORPORATE ENERGY GENERATION - 2015 ACTIONS

In the following section, please identify up to five corporate Energy Generation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Energy Generation Actions

Variable	Response
2015 Corporate Energy Generation Actions	Further work was completed in relation to installing a more efficient generator at the RCMP building.
2015 Corporate Energy Generation Actions	A new heat pump was installed at the Curling Rink.
2015 Corporate Energy Generation Actions	Installation / connection of a preheated water line for the Zamboni was completed. Discharge water from the air conditioning units at an adjacent municipal property is used to reduce time and costs related to heating the water required for operation.

Additional Corporate Energy Generation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Energy Generation actions in the boxes below (optional).

(No response)

CORPORATE ENERGY GENERATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Energy Generation actions proposed for 2016 (one action per box).

2016 Energy Generation Proposed Actions

Variable	Response
2016 Energy Generation Proposed Actions	Installation of the more efficient generator at the RCMP building will be finalized.
2016 Energy Generation Proposed Actions	As part of the Integrated Asset Management and Infrastructure Investment Plan planned for 2016, an assessment will be completed to identify reduction of electrical peak demands through net metering and other green initiatives. This project will be partially funded with an approved grant from the Union of BC Municipalities Gas Tax Fund.

SNAPSHOT QUESTIONS

Is your local government developing or constructing...

- None of the above

Is your local government operating...

- None of the above

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? <http://www.toolkit.bc.ca/tool/integrated-resource-recovery-irr>

Yes

Greenspace

GREENSPACE ACTIONS

Greenspace refers to parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites.

COMMUNITY-WIDE

COMMUNITY-WIDE GREENSPACE - 2015 ACTIONS

In the following section, please identify up to five community-wide Greenspace actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Greenspace Actions

Variable	Response
2015 Community-Wide Greenspace Actions	Held the 9th Annual Earth Day Event at Dale Meadows where volunteers planted more native shrubs and trees along the creek and jogging path.
2015 Community-Wide Greenspace Actions	The Summerland Skatepark Design Input Workshop was held to inform the community about the project, allowing for contribution of ideas towards the facility's design.
2015 Community-Wide Greenspace Actions	Worked with Friends of the Summerland Ornamental Gardens for them to provide a community information seminar about invasive trees in the Okanagan and participate in the symbolic removal of a mature Russian Olive tree from the Ornamental Gardens.
2015 Community-Wide Greenspace Actions	Increasing greenspace in the community, a small xeriscape park was added at the closed Darke Road right-of-way between Blagbourne and Prairie Valley.

Additional Community-Wide Greenspace Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Greenspace actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE GREENSPACE - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Greenspace actions proposed for 2016 (one action per box).

2016 Community-Wide Greenspace Proposed Actions

Variable	Response
2016 Community-Wide Greenspace Proposed Actions	Will hold the 10th Annual Earth Day celebration where community members join together to enhance the natural riparian habitat that borders Okanagan Lake with planting of native trees and shrubs that would naturally be found in the area.
2016 Community-Wide Greenspace Proposed Actions	The Summerland Skatepark Concept Design Presentation will take place to allow community members to review the preliminary concept ideas and provide comments and feedback.
2016 Community-Wide Greenspace Proposed Actions	A Summerland Skatepark Fundraising Committee will be established and fundraising efforts will be launched.
2016 Community-Wide Greenspace Proposed Actions	Continue to work with Friends of the Summerland Ornamental Gardens to provide community information seminars. Plans are once again to coordinate these workshops with Earth Week celebrations.

CORPORATE

CORPORATE GREENSPACE - 2015 ACTIONS

In the following section, please identify up to five corporate Greenspace actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Greenspace Actions

Variable	Response
2015 Corporate Greenspace Actions	(No response)

Additional Corporate Greenspace Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Greenspace actions in the boxes below (optional).

(No response)

CORPORATE GREENSPACE - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Greenspace actions proposed for 2016 (one action per box).

2016 Greenspace Proposed Actions

Variable	Response
2016 Greenspace Proposed Actions	(No response)

SNAPSHOT QUESTION

Does your local government have urban forest policies, plans or programs?

Yes

Solid Waste

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

COMMUNITY-WIDE SOLID WASTE - 2015 ACTIONS

In the following section, please identify up to five community-wide Solid Waste actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Solid Waste Actions

Variable	Response
2015 Community-Wide Solid Waste Actions	Supported the recycling program by participating in Multi Material BC Recycling program. Offered a one-day opportunity to drop-off old electronics for recycling at Municipal Hall.

Additional Community-Wide Solid Waste Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Solid Waste actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE SOLID WASTE - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Solid Waste actions proposed for 2016 (one action per box).

2016 Community-Wide Solid Waste Proposed Actions

Variable	Response
2016 Community-Wide Solid Waste Proposed Actions	Continue to work with Multi Material BC Recycling to provide the recycling program within the District.

CORPORATE

CORPORATE SOLID WASTE - 2015 ACTIONS

In the following section, please identify up to five corporate Solid Waste actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Solid Waste Actions

Variable	Response
2015 Corporate Solid Waste Actions	As part of Earth Week celebrations, a recycling bin was available at Summerland District Hall for residents to drop-off any unwanted small TVs and appliances, as well as computers and electronics.
2015 Corporate Solid Waste Actions	The option of receiving monthly utility bills by email was promoted to all residents. For each utility bill sent electronically, the District allocates an amount equivalent to the postage to a "Tree Fund" to be used for green projects such as purchasing and planting trees within the community.

Additional Solid Waste Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Solid Waste actions in the boxes below (optional).

(No response)

CORPORATE SOLID WASTE - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Solid Waste actions proposed for 2016 (one action per box).

2016 Solid Waste Proposed Actions

Variable	Response
2016 Solid Waste Proposed Actions	The 2016 budget includes funding for a review of solid waste management practices and rates. Completion of this joint project with the RDOS will ensure appropriate measures are being taken to minimize environmental impacts, reduce greenhouse gas and improved air and water quality.
2016 Solid Waste Proposed Actions	A recycling bin will once again be available at Summerland District Hall for residents to drop-off any unwanted small TVs and appliances, as well as computers and electronics. Promotion of this green recycling project is planned as part of 2016 Earth Week.
2016 Solid Waste Proposed Actions	The District will continue to promote the delivery of monthly utility bills by email to all residents. For each utility bill sent electronically, the District will allocate an amount equivalent to the postage to a "Tree Fund" to be used for green projects such as purchasing and planting trees within the community.

SNAPSHOT QUESTIONS

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?

No

Transportation

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

COMMUNITY-WIDE TRANSPORTATION - 2015 ACTIONS

In the following section, please identify up to five community-wide Transportation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Transportation Actions

Variable	Response
2015 Community-Wide Transportation Actions	The District of Summerland partnered with the Province of British to build a 1 kilometer trail adjacent to Highway 97 between Lakeshore Drive and Illahie Beach to provide pedestrians, cyclists and other non-motorized vehicle users an alternative and more sustainable travel option.
2015 Community-Wide Transportation Actions	Various sidewalk improvements were completed throughout the District including portions of Prairie Valley, Jubilee Road and the Kelly Roundabout.
2015 Community-Wide Transportation Actions	District staff attended meetings held by the Trail of the Okanagans Committee to develop and promote the pathway.
2015 Community-Wide Transportation Actions	The District promoted, provided funding and staff participated in Bike to Work Week activities.
2015 Community-Wide Transportation Actions	The Dale Meadows Bike Path is being developed, running 140 metres from the south end of Sinclair Road to the Dale Meadows sports complex. The path is separated from vehicular traffic and will encourage residents to use alternative green modes of transportation.

Additional Community-Wide Transportation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Transportation actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE TRANSPORTATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Transportation actions proposed for 2016 (one action per box).

2016 Community-Wide Transportation Proposed Actions

Variable	Response
2016 Community-Wide Transportation Proposed Actions	The 2016 budget includes regrading and paving a portion of the Trans Canada Trail from the Fenwick Road access, following the old flume line along Mount Conkle to the Summerland Rodeo Grounds. These improvements will address the steep grade and poor sightlines at the corner near the trailhead.
2016 Community-Wide Transportation Proposed Actions	Continue to work with the Trail of the Okanagans Committee to develop and promote the pathway. The Dale Meadows Bike Path project has a projected completion date of July 2016. As part of the major water infrastructure upgrade taking place in 2016, a bike lane will be added to Garnet Valley Road.
2016 Community-Wide Transportation Proposed Actions	Funds have been allocated in the 2016 budget for the development of a Sidewalk Master Plan. This documentation will then be used to assist in making decisions for priority sidewalk expansion and improvement projects highlighting alternate forms of transportation.
2016 Community-Wide Transportation Proposed Actions	The District will continue to support and participate in 2016 Bike to Work Week activities.
2016 Community-Wide Transportation Proposed Actions	Included in the 2016 budget are amounts for improvements to the Giant's Head Park Path and development of the Powell Beach Walkway and parking lot. These additions will promote alternate modes of transportation, reducing greenhouse gas emissions.

CORPORATE

CORPORATE TRANSPORTATION - 2015 ACTIONS

In the following section, please identify up to five corporate Transportation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Transportation Actions

Variable	Response
2015 Corporate Transportation Actions	The District of Summerland is participating in BC Transit's "Transit Future Plan" for the South Okanagan.
2015 Corporate Transportation Actions	Purchased more efficient vehicles and equipment to replace older, inefficient models.
2015 Corporate Transportation Actions	Initial steps were taken to establish a fleet renewal reserve fund to ensure future replacement requirements can be fulfilled.

2015 Corporate Transportation
Actions |

Council commitment was obtained in relation to development of a fleet management policy to provide long-term funding for efficient fleet replacement.

Additional Corporate Transportation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Transportation actions in the boxes below (optional).

(No response)

CORPORATE TRANSPORTATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Transportation actions proposed for 2016 (one action per box).

2016 Transportation Proposed Actions

Variable	Response
2016 Transportation Proposed Actions	As part of the Integrated Asset Management and Infrastructure Investment Plan to be completed in 2016, a Trails & Cycling Network Master Plan will be completed. This will allow future trails projects to be identified and prioritized so the District can continue to contribute to reduce GHGs by introducing active transportation alternatives to the roadway network. This project will be partially funded with an approved grant from the Union of BC Municipalities Gas Tax Fund.
2016 Transportation Proposed Actions	Continue to participate and attend meetings for BC Transit's "Transit Future Plan" for the South Okanagan.
2016 Transportation Proposed Actions	Continue to replace old, inefficient vehicles with newer, more efficient models.
2016 Transportation Proposed Actions	The 2016 budget was approved with full Council support to allocate funds to the fleet renewal reserve fund.
2016 Transportation Proposed Actions	Bylaws will be established in 2016, outlining policy and guidelines for managing and replacement of the municipal fleet.

SNAPSHOT QUESTIONS

Does your local government have policies, plans or programs to support:

- Walking

- Cycling
- Transit
- Electric Vehicles

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)?

No

Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?

Yes

Water and Wastewater

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

COMMUNITY-WIDE WATER AND WASTEWATER - 2015 ACTIONS

In the following section, please identify up to five community-wide Water and Wastewater actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Water and Wastewater Actions

Variable	Response
2015 Community-Wide Water and Wastewater Actions	A representative of Summerland Council was part of the kick off for the 2015 "Make Water Work" campaign to encourage outdoor water conservation.
2015 Community-Wide Water and Wastewater Actions	"Earth Day by the Water" events were held during Earth Week. Events included an educational seminar focusing on water and the riparian

ecosystem it supports, displays about the importance of fish in our local waters and how water conservation affects spilling of the Dam.

Additional Community-Wide Water and Wastewater Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Water and Wastewater actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Water and Wastewater actions proposed for 2016 (one action per box).

2016 Community-Wide Water and Wastewater Proposed Actions

Variable	Response
2016 Community-Wide Water and Wastewater Proposed Actions	Continue to support and promote the Make Water Work campaign to encourage outdoor water conservation.
2016 Community-Wide Water and Wastewater Proposed Actions	A public tour of the Water Treatment Plant will be offered as part of Earth Week celebrations. The tour will allow residents to see how water from the Trout Creek Watershed is received and treated in order to produce safe drinking water for the community.
2016 Community-Wide Water and Wastewater Proposed Actions	New low flow shower heads and push button operating systems are being installed in the shower stalls located in the Arena dressing rooms to promote water wise practices.

CORPORATE

CORPORATE WATER AND WASTEWATER - 2015 ACTIONS

In the following section, please identify up to five corporate Water and Wastewater actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Corporate Water and Wastewater Actions

Variable	Response
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2015 Corporate Water and Wastewater Actions |

Grant funding was approved by the Province of British Columbia through the Minister of Community, Sport and Cultural Development for the Garnet Valley System Separation project. Preliminary steps for project planning and development occurred in 2015 with construction to commence in 2016.

2015 Corporate Water and Wastewater Actions |

A new water billing system for residential and commercial customers was implemented, incorporating a consumption based billing component. This billing method focuses on wise water use and conservation.

Additional Corporate Water and Wastewater Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Water and Wastewater actions in the boxes below (optional).

(No response)

CORPORATE WATER AND WASTEWATER - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Water and Wastewater actions proposed for 2016 (one action per box).

2016 Water and Wastewater Proposed Actions

Variable	Response
2016 Water and Wastewater Proposed Actions	Apply for grant funding to complete the Grit Removal and Effluent System upgrades required at the Waste Water Treatment Plant. The project is tender ready with construction anticipated for 2017 depending on grant approval.
2016 Water and Wastewater Proposed Actions	Continue with the next phase of the Garnet Valley System Separation project including finalizing construction plans.
2016 Water and Wastewater Proposed Actions	Continue to develop and implement the irrigation component of the new water billing scheme to promote wise water use for agricultural operations.
2016 Water and Wastewater Proposed Actions	A more efficient irrigation system will be installed at the cemeteries in 2016. The proposed modifications, along with continued xeriscaping, will assist in water conservation.
2016 Water and Wastewater	As part of the Integrated Asset Management and Infrastructure Investment Plan planned for 2016, an assessment will be completed to identify ways to reduce

Proposed
Actions |

treated water loss through leaks in again infrastructure and reduce waste water treatment costs and environmental damage from sanitary sewer leaks and breaks. This project will be partially funded with an approved grant from the Union of BC Municipalities Gas Tax Fund.

SNAPSHOT QUESTION

Does your local government have water conservation policies, plans or programs?

Yes

Adaptation

CLIMATE CHANGE ADAPTATION ACTIONS

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both “hard” and “soft” solutions, including: changes in infrastructure engineering, planning, zoning, bylaws and public education.

COMMUNITY-WIDE

COMMUNITY-WIDE ADAPTATION - 2015 ACTIONS

In the following section, please identify up to five community-wide Adaptation actions taken in 2015 (one action per box). There is a separate box for additional actions that you may want to report.

2015 Community-Wide Adaptation Actions

Variable	Response
2015 Community-Wide Adaptation Actions	The Climate Action Committee supported a call for proposals for Community Pilot projects. 9 submissions were received and 2 project proposals were selected for recommended approval by Council. These projects received subsequent support as they focused on the reduction of greenhouse emissions.

Additional Community-Wide Adaptation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional community-wide Adaptation actions in the boxes below (optional).

(No response)

COMMUNITY-WIDE ADAPTATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Adaptation actions proposed for 2016 (one action per box).

2016 Community-Wide Adaptation Proposed Actions

Variable	Response
2016 Community-Wide Adaptation Proposed Actions	(No response)

CORPORATE

CORPORATE ADAPTATION - 2015 ACTIONS

In the following section, please identify up to five corporate Adaptation actions taken in 2015. One action per box. There is a separate box for optional additional 2015 actions your community may want to report.

2015 Corporate Adaptation Actions

Variable	Response
2015 Corporate Adaptation Actions	(No response)

Additional Corporate Adaptation Actions Taken in 2015

For those communities that would like to provide additional actions - please list, separated by a forward slash /, any additional corporate Adaptation actions in the boxes below (optional).

(No response)

CORPORATE ADAPTATION - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Adaptation actions proposed for 2016 (one action per box).

2016 Adaptation Proposed Actions

Variable	Response
2016 Adaptation Proposed Actions	(No response)
2016 Adaptation Proposed Actions	(No response)

SNAPSHOT QUESTIONS

Are you familiar with the Plan2Adapt guidance located on the Climate Action Toolkit Website? <http://www.toolkit.bc.ca/Resource/Plan2Adapt>

(No response)

Are you familiar with "Preparing for Climate Change - An Implementation Guide for Local Governments in BC? <http://www.toolkit.bc.ca/Resource/Preparing-Climate-Change-Implementation-Guide-Local-Governments-British-Columbia>

(No response)

Have you visited the climate change adaptation guidance page on the BC Climate Action Toolkit? <http://www.toolkit.bc.ca/adaptation-challenges-and-opportunities>

(No response)

Other

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

COMMUNITY-WIDE OTHER - 2015 ACTIONS

In the following section, please identify up to five community-wide Other actions taken in 2015 (one action per box).

2015 Community-Wide Other Actions

Variable	Response
2015 Community-Wide Other Actions	(No response)

COMMUNITY-WIDE OTHER - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five community-wide Other actions proposed for 2016 (one action per box).

2016 Community-Wide Other Proposed Actions

Variable	Response
2016 Community-Wide Other Proposed Actions	(No response)

CORPORATE

CORPORATE OTHER - 2015 ACTIONS

In the following section, please identify up to five corporate Other actions taken in 2015 (one action per box).

2015 Corporate Other Actions

Variable	Response
2015 Corporate Other Actions	(No response)

CORPORATE OTHER - ACTIONS PROPOSED FOR 2016

In the following section, please identify up to five corporate Other actions proposed for 2016 (one action per box).

2016 Other Proposed Actions

Variable	Response
2016 Other Proposed Actions	(No response)

Innovation/Peer Learning

INNOVATION AND PEER LEARNING

Innovation

This section provides the opportunity to showcase an innovative Corporate and/or Community-wide reduction or adaptation activity that your local government has undertaken and that has had a significant impact 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.

Community-Wide Innovation

(No response)

Corporate Innovation

(No response)

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 appropriate box below separated by a forward slash / (e.g. program1/program2/...).

Programs, Partnerships and Funding

The District of Summerland partnered with the Province of British Columbia to build a 1 kilometer trail adjacent to Highway 97 between Lakeshore Drive and Illahie Beach to provide pedestrians, cyclists and other non-motorized vehicle users an alternative and more sustainable travel option.

(No response)

Through the Minister of Community, Sport and Cultural Development, the Province of British Columbia also provided funding through the New Building Canada Fund - Small Communities Fund to assist with the Garnet Valley System Separation project.

(No response)

The Integrated Asset Management and Infrastructure Investment Plan project will be partially funded through approval of funding by the Union of BC Municipalities Gas Tax Fund.

Emissions

2015 Carbon Neutral Progress 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 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 survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

Did you measure your local government's corporate GHG emissions in 2015?

Yes

If your local government measured 2015 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)

876.5

If your local government measured 2015 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services:

(in tonnes of carbon dioxide equivalent)

108.2

Total Corporate GHG Emissions for 2015: 984.7 tCO₂e

Reductions and Offsets

Reporting Reductions and Offsets

To be carbon neutral, a local government must balance their TOTAL corporate GHG emissions by one or a combination of the following actions: undertake Option 1 Projects (Green Communities Committee (GCC)-supported) undertake Option 2 Projects (alternative) community GHG emissions reduction projects that meet project eligibility requirements purchase carbon offsets from a credible offset provider

Reductions

If applicable, please report the 2014 GHG emissions reductions being claimed from Option 1 GHG Reduction Projects:

Energy Efficient Retrofits

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Solar Thermal

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Household Organic Waste Composting

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Low Emission Vehicles

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

Avoided Forest Conversion

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

2015 OPTION 1 REDUCTIONS = 0.0 tCO₂e

If applicable, please report the names and 2015 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects:

Option 2 Project Name	GHGs Reduced (tCO ₂ e)
CO ₂ from Biogenic Fuel Combustion	17.7

2015 OPTION 2 REDUCTIONS = 17.7 tCO₂e

Offsets

If applicable, please report the number of offsets purchased from an offset provider for the 2015 reporting year. Note: Please do not include funds set aside in a climate action reserve fund.

(in tonnes of carbon dioxide equivalent (tCO₂e))

(No response)

If your local government purchased offsets , please identify the name of the offset provider:

(No response)

2015 OFFSETS = tCO₂e

2015 REDUCTIONS AND OFFSETS = 17.7 tCO₂e

Corporate GHG Emissions Balance for 2015

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.

2015 CORPORATE GHG EMISSIONS BALANCE: 967.0 tCO₂e

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

Recognition

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 - Progress on Charter Commitments: for local governments who demonstrate progress on fulfilling one or more of their Charter commitments
- Level 2 - Measurement: for local governments who have measured their Corporate GHG Emissions for the reporting year and demonstrate that they are familiar with the Community Energy and Emissions Inventory (CEEI)
- Level 3 - Achievement of Carbon Neutrality: for local governments who achieve carbon neutrality in the reporting year.

Based on your local government's 2015 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

Level 2 - Measurement

Email Address

An email confirming that the survey was successfully submitted will be sent to the address provided in the box below.

rbelyk@summerland.ca

Other Opportunities for Awards and Recognition

In addition to the GCC's Climate Action Recognition Program, your local government may be eligible for other award and recognition programs that recognize a range of aspects related to climate action. Here is a list of some award programs, submission timelines and web links. [Climate & Energy](#)

Action (CEA) Awards – The CEA awards are offered annually to a municipality or regional district implementing a project or program best integrating energy / climate planning into community planning and development, corporate operations and collaboration with public service organizations. Submission: May.<http://communityenergy.bc.ca/apply-now-for-2014-climate-energy-action-awards/UBCM> Community Excellence Awards – The UBCM Community Excellence Awards program is an opportunity to showcase municipalities and regional districts who "lead the pack", take risks to innovate, establish new partnerships, question established ways of doing business and pioneer new customer service practices. One of the five categories recognized in 2015, "Leadership & Innovation, Green Initiatives", related to climate action. Submission: July.<http://www.ubcm.ca/EN/main/convention/Awards/15021/community-excellence-awards-application.html>

LG Info

LOCAL GOVERNMENT INFORMATION

Variable	Response
LOCAL GOVERNMENT INFORMATION Name of Local Government	Summerland, The Corporation of the District of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Okanagan-Similkameen
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Variable	Response
Submitted by: Name	Renée Belyk
Submitted by: Position	Deputy Chief Financial Officer
Submitted by: Telephone # (123-456-7890)	250-404-4041
Submitted by: Email Address	rbelyk@summerland.ca