

2015 CARIP Climate Action/Carbon Neutral Progress Survey

Created Monday, May 30, 2016

Updated Wednesday, June 01, 2016

<http://fluidsurveys.com/surveys/irpb/2015-carip-survey/1856f1eced948814c3cd6865f25a0da6d2c74533/>

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 (*FluidSurveysTM* 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

2015 Community-Wide Broad Planning Actions	Three separate reports addressing Economic Sustainability, Social Sustainability and Environmental Sustainability were developed in 2015 and provide a summary of work completed and the strategic direction moving forward. The Environmental Sustainability Report reflects the Environmental Strategic Plan created by Council in July 2015 and identifies the City's environmental priorities. Focus areas include elements, spaces, energy, climate change, natural places, and waste.
2015 Community-Wide Broad Planning Actions	Following a number of Environmental Stewardship Public Workshops, an Environmental Strategic Plan was adopted by Council in 2015.
2015 Community-Wide Broad Planning Actions	(No response)
2015 Community-Wide Broad Planning Actions	(No response)
2015 Community-Wide Broad Planning Actions	(No response)

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

2016 Community-Wide Broad Planning Proposed Actions	A new internal Environmental Stewardship Officer position has been created and will begin in early 2016. This position will provide additional staff resources to support the implementation of environmental plans and initiatives.
2016 Community-Wide Broad Planning Proposed Actions	(No response)
2016 Community-Wide Broad Planning Proposed Actions	(No response)
2016 Community-Wide Broad Planning Proposed Actions	(No response)
2016 Community-Wide Broad Planning Proposed Actions	(No response)

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

2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)
2015 Corporate Broad Planning Actions	(No response)

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

2016 Corporate Broad Planning Proposed Actions	(No response)
2016 Corporate Broad Planning Proposed Actions	(No response)
2016 Corporate Broad Planning Proposed Actions	(No response)
2016 Corporate Broad Planning Proposed Actions	(No response)
2016 Corporate Broad Planning Proposed Actions	(No response)

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?

There is not a quantified GHG Reduction Target identified in the City's OCP or RGS.

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?

- Energy and Emissions Plan
- Integrated Community Sustainability Plan
- 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

2015 Community-Wide Building and Lighting Actions	(No response)
2015 Community-Wide Building and Lighting Actions	(No response)
2015 Community-Wide Building and Lighting Actions	(No response)
2015 Community-Wide Building and Lighting Actions	(No response)
2015 Community-Wide Building and Lighting Actions	(No response)

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

2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)
2016 Community-Wide Building and Lighting Proposed Actions	(No response)

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

2015 Corporate Building and Lighting Actions	The LED Streetlight conversion continued along Harris and Mitchell Road.
2015 Corporate Building and Lighting Actions	Within all corporate buildings failed lightbulbs are replaced with new, energy-efficient LED's as required.
2015 Corporate Building and Lighting Actions	(No response)
2015 Corporate Building and Lighting Actions	(No response)
2015 Corporate Building and Lighting Actions	(No response)

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**).

(No response)

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

2016 Building and Lighting Proposed Actions	The LED Streetlight conversion project will continue in 2016.
2016 Building and Lighting Proposed Actions	Lightbulbs in the corporate buildings will continue to be replaced with LED as required.
2016 Building and Lighting Proposed Actions	(No response)
2016 Building and Lighting Proposed Actions	(No response)
2016 Building and Lighting Proposed Actions	(No response)

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

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

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

2015 Corporate Energy Generation Actions	The South Bonson Community Centre generates operational power for the building with photovoltaic panels and pre-heats water with solar panels.
2015 Corporate Energy Generation Actions	Installation of solar powered speed readers.
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)
2015 Corporate Energy Generation Actions	(No response)

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

2016 Energy Generation Proposed Actions	The South Bonson Community Centre will continue to generate operational power for the building with photovoltaic panels, and pre-heats water with solar panels.
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)
2016 Energy Generation Proposed Actions	(No response)

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

2015 Community-Wide Greenspace Actions	Support and promotion of the Great Canadian Shoreline Clean-Up.
2015 Community-Wide Greenspace Actions	A clean-up of the Katzie Slough was completed and improved the efficiency of the pump stations.
2015 Community-Wide Greenspace Actions	Expansion work to the Pitt Meadows Community Garden started in Q4 to double the number of garden plots available to residents.
2015 Community-Wide Greenspace Actions	(No response)
2015 Community-Wide Greenspace Actions	(No response)

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

2016 Community-Wide Greenspace Proposed Actions	The expansion of the Community Garden is anticipated to be complete by Spring 2016.
2016 Community-Wide Greenspace Proposed Actions	(No response)
2016 Community-Wide Greenspace Proposed Actions	(No response)

2016 Community-Wide Greenspace Proposed Actions	(No response)
2016 Community-Wide Greenspace Proposed Actions	(No response)

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

2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No response)
2015 Corporate Greenspace Actions	(No 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

2016 Greenspace Proposed Actions	(No response)
2016 Greenspace Proposed Actions	(No response)
2016 Greenspace Proposed Actions	(No response)
2016 Greenspace Proposed Actions	(No 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

2015 Community-Wide Solid Waste Actions	Continued with bi-weekly garbage pick-up. Garbage tonnage was reduced by 6.4% in 2015 from 2014 volumes (-26.3% since 2013).
2015 Community-Wide Solid Waste Actions	Provided weekly recycling and organics pick-up; organics collection was up 5.1% in 2015.
2015 Community-Wide Solid Waste Actions	During November the City supported a subsidized rate on extra green waste (leaves and yard trimmings). 15.5 tonnes of green waste was dropped off during this promotion.
2015 Community-Wide Solid Waste Actions	Promoted subsidized composters.
2015 Community-Wide Solid Waste Actions	Held an educational campaign encouraging residents to return plastics and glass to the Return-It Depot.

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)**.

Promoted Metro Vancouver Waste Reduction Plans - "Make Memories, Not Garbage" and "Food isn't Garbage" including promotional ads, door wraps at City Hall, and street banners.

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

2016 Community-Wide Solid Waste Proposed Actions	Implementation of a demolition and solid waste reduction plan.
2016 Community-Wide Solid Waste Proposed Actions	Illegal dumping campaign providing residents information on how to dispose of commonly "dumped" items.

2016 Community-Wide Solid Waste Proposed Actions	Continued support of Metro Vancouver's Waste Reduction campaigns.
2016 Community-Wide Solid Waste Proposed Actions	A new Solid Waste contract begins in 2016 that will have CNG fuelled waste collection vehicles. The previous contractor's vehicles used Diesel.
2016 Community-Wide Solid Waste Proposed Actions	(No response)

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

2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)
2015 Corporate Solid Waste Actions	(No response)

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

2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)
2016 Solid Waste Proposed Actions	(No response)

SNAPSHOT QUESTIONS

Does your local government have construction and demolition waste reduction policies, plans or programs?

No

Does your local government have organics reduction/diversion policies, plans or programs?

Yes

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

2015 Community-Wide Transportation Actions	Continued to implement the Pedestrian and Cycling Master Plan developed in 2013 to promote cycling and walking as attractive and convenient transportation choices.
2015 Community-Wide Transportation Actions	Continued to provide a free electric vehicle charging station located near City Hall. The charging station saw a dramatic increase in usage in 2015, up 478% from 2014 levels! This saved almost 1,200kg of ghg emissions from being released into our community.
2015 Community-Wide Transportation Actions	The Active Transportation Committee formed a subcommittee to review signage for cyclists on the trail system.
2015 Community-Wide Transportation Actions	A Transportation Forum was held for residents on June 17th with CP Rail, ICBC, the Ministry of Transportation and Infrastructure, Pitt Meadows Airport, Ridge Meadows RCMP, WestCoast Express, ISL Engineering & Land Services, City Engineering Staff and members of the City of Pitt Meadows Active Transportation Committee in attendance. Topics included traffic congestion, traffic safety, the rail crossing, alternatives to driving, and improving the network connectivity. A corresponding online survey was available for residents to voice their concerns, priorities and suggestions
2015 Community-Wide Transportation Actions	Installation of new pedestrian controlled crossing on Hammond Road across from the Wildwood Trail.

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)**.

New pedestrian controlled safety lights were installed at a heavily used pedestrian crossing at the West Coast Express Station on Harris Road./ Harris Road Underpass Feasibility Study completed.

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

2016 Community-Wide Transportation Proposed Actions	Park Road and Somerset Drive intersection improvements including marked crossings, signage and a markings for a shared multi-use roadway.
2016 Community-Wide Transportation Proposed Actions	Continue to provide an EV charging station at City Hall.
2016 Community-Wide Transportation Proposed Actions	(No response)
2016 Community-Wide Transportation Proposed Actions	(No response)
2016 Community-Wide Transportation Proposed Actions	(No response)

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

2015 Corporate Transportation Actions	A Corporate Anti-Idling Policy was adopted by Council in late 2015.
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)
2015 Corporate Transportation Actions	(No response)

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

2016 Transportation Proposed Actions	(No response)
2016 Transportation Proposed Actions	(No response)
2016 Transportation Proposed Actions	(No response)
2016 Transportation Proposed Actions	(No response)
2016 Transportation Proposed Actions	(No response)

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

2015 Community-Wide Water and Wastewater Actions	Continued the replacement and relining of water system pipes. Upgraded drainage pump stations with bigger pumps to handle increasing flows from heavier rain events.
2015 Community-Wide Water and Wastewater Actions	Completed the Integrated Storm Water Management Plan.
2015 Community-Wide Water and Wastewater Actions	Continued to meter water usage in non-residential zones.
2015 Community-Wide Water and Wastewater Actions	Re-promoted subsidized rain barrels and toilet recycling rebates.
2015 Community-Wide Water and Wastewater Actions	Promoted and enforced increased water restrictions (stage 2/3) imposed by Metro Vancouver in the summer of 2015. Offered water bags for trees.

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

2016 Community-Wide Water and Wastewater Proposed Actions	Continued support of Metro Vancouver's water conservation initiatives.
2016 Community-Wide Water and Wastewater Proposed Actions	Restructuring billing of the sewer utility.

2016 Community-Wide Water and Wastewater Proposed Actions	(No response)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)
2016 Community-Wide Water and Wastewater Proposed Actions	(No response)

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

2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)
2015 Corporate Water and Wastewater Actions	(No response)

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

2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)
2016 Water and Wastewater Proposed Actions	(No response)

SNAPSHOT QUESTION

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

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

2015 Community-Wide Adaptation Actions	Introduced a community education project to promote GHG reductions in the community.
2015 Community-Wide Adaptation Actions	Hosted an Earth Day event that featured displays from the Alouette River Management Society, Return-It and the BC Blueberry Council.
2015 Community-Wide Adaptation Actions	Monthly City Newsletter “City Talks” features a Green Tip ie. Christmas Tree Chipping Info, Recycling.
2015 Community-Wide Adaptation Actions	Organized and promoted Earth Hour 2015.
2015 Community-Wide Adaptation Actions	Allowed for shared use parking assessments.

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

2016 Community-Wide Adaptation Proposed Actions	Earth Day event on April 22, 2016.
2016 Community-Wide Adaptation Proposed Actions	Continuation on Green Tips in monthly City Talks Newsletter.
2016 Community-Wide Adaptation Proposed Actions	Promote Earth Hour event.
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

2015 Corporate Adaptation Actions 	The Green Team, a group of cross-organizational team of staff members, promoted workplace energy conservation programs ie. 12 days of Energy Conservation.
2015 Corporate Adaptation Actions 	Developed a Strategic Vision for Environmental Stewardship, began recruitment for a new Environmental Stewardship Officer staff position.
2015 Corporate Adaptation Actions 	Participation in the BC Hydro Workplace Energy Conservation Program.
2015 Corporate Adaptation Actions 	(No 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

2016 Adaptation Proposed Actions 	Continued promotion of workplace energy conservation programs.
2016 Adaptation Proposed Actions 	New Environmental Stewardship Officer to begin.
2016 Adaptation Proposed Actions 	Continued participation with the BC Hydro Workplace Energy Conservation Program.
2016 Adaptation Proposed Actions 	Continuation of the Green Team - a cross-organizational team of staff that promote environmental sustainability in the workplace.
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>

Yes

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-Gov>

Yes

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

Yes

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

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

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

2015 Corporate Other Actions	(No response)
2015 Corporate Other Actions	(No response)

2015 Corporate Other Actions	(No response)
2015 Corporate Other Actions	(No 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

2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No response)
2016 Other Proposed Actions	(No 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

BC Hydro - LED Streetlighting, Workplace Energy Conservation / Metro Vancouver - Regional Waste Reduction Campaigns, Organic Waste / Metro Vancouver Landfill Gas Capture Optimization Project

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)

679

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)

430

Total Corporate GHG Emissions for 2015: 1109.0 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 2015 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))

577

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 = 577.0 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)
MV Landfill Gas Capture Optimization Project	606

2015 OPTION 2 REDUCTIONS = 606.0 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 = 1183.0 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: -74.0 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 3 - Achievement of Carbon Neutrality

Email Address

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

emark@pittmeadows.bc.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.htm>

LG Info

LOCAL GOVERNMENT INFORMATION

LOCAL GOVERNMENT INFORMATION Name of Local Government	Pitt Meadows, City of
LOCAL GOVERNMENT INFORMATION Name of member Regional District (RD)	Greater Vancouver (Metro)
LOCAL GOVERNMENT INFORMATION Regional Growth Strategy (RGS) in your region	Yes
LOCAL GOVERNMENT INFORMATION Population	10,000-49,999

Submitted by:

Submitted by: Name	Kate Zanon
Submitted by: Position	Director of Community Services
Submitted by: Telephone # (123-456-7890)	604-465-9491
Submitted by: Email Address	kzanon@pittmeadows.bc.ca

This year we comined two online surveys with one in addition to other changes to streamline and improve the reporting process. We would like to know what you think.

Please check the answer that best describes your thoughts on how the new survey process compares to last year's process.

Much improved

Before submitting your survey, please ensure that it is your local government's complete and final 2015 Climate Actions Survey. Please submit this survey only once.

Is this your local government's complete and final 2015 Climate Actions Survey?

Yes

Once you have submitted your survey, be sure to download your survey report from the 'Thank You' page and use it as your public report.