

Climate Action Revenue Incentive Plan (CARIP) Public Report

Climate Action Revenue Incentive (CARIP) Public Report for 2012

Reported by

Greg St. Louis,
Director, Engineering and Municipal Operations

Sandra Kurylo,
Director, Financial Services



Engineering and Municipal Operations
P: 604.541.2181 | F: 604.541.2190
877 Keil Street, White Rock BC, Canada V4B 4V6

City of White Rock
15322 Buena Vista Avenue, White Rock BC, Canada V4B 1Y6

WHITE ROCK
My City by the Sea!
www.whiterockcity.ca

Table of Contents

- General Information
- Community -Wide Actions
 - 1.1 - Measure
 - 1.2 - Plan
 - 1.3 - Reduce
 - Supportive
 - Direct
 - 1.4 - Community Wide Innovation
- Corporate Actions
 - 2.1 - Measure
 - 2.2 - Reduce
 - Supportive
 - Direct
 - 2.3 - Corporate Innovations

General Information

Name of Local Government	City of White Rock
Member of Regional District (RD)	Metro Vancouver
Regional Growth Strategy (RGS) in region	
Population	19,339

Community-Wide Actions for 2012

1.1 Measure

Community-Wide Measurement Actions

Question	Have you been using the <i>Community Energy and Emissions Inventory (CEEI)</i> to measure progress? What else have you been using instead of/in addition to CEEI?
Answer	No
Additional Information	A consultant will be engaged to review ongoing requirements and city staffing levels.

1.2 Plan

Community-Wide Targets

Question	Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act (LGA)</i>? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	In accordance with the recommendations of the 2010 City of White Rock Community Climate Action Plan, the City will seek to reduce greenhouse gas (GHG) emissions 10% below 2007 levels by 2020 and 50% below 2007 levels by 2050.

Question	If you are a Regional District, does your RGS have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act (LGA)</i>? If yes, please identify the targets set. If no or in progress, please comment.
Answer	Yes
Additional Information	<p>Not a regional district but part of Metro Vancouver. In June 2010 Metro Vancouver adopted its Corporate Climate Action Plan (CCAP). The purpose of the CCAP is to set out strategies and actions towards achieving Metro Vancouver's commitment to corporate carbon neutrality and to adapt our corporate infrastructure and activities to the anticipated consequences of climate change.</p> <p>In October 2011 Metro Vancouver adopted the Integrated Air Quality and Greenhouse Gas Management Plan. One of this plan's three goals is to "Minimize the region's contribution to global climate change", and this goal includes 5 strategies and 37 actions for Metro Vancouver, its member municipalities and other partners that will reduce greenhouse gas emissions in the region.</p>

1.3 Reduce

Supportive Community-Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	Completed Business Needs Assessment and Town Centre Vision and Plan. Developed subsequent proposed amendments to the OCP, increasing density in the town centre. Developed proposed Zoning Bylaw reducing lot coverage for certain excessively large lots.
Proposed Actions for Next Year	Complete public process and adoption of OCP amendments. Complete public process and adoption of proposed Zoning Bylaw. Review densities in the Lower Town Centre and Apartment development permit areas with the goal of increasing density as appropriate. Complete a needs analysis to determine if a staff Environmental Coordinator can be supported.

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	Developed proposed revisions to the OCP and Zoning Bylaw as noted above.
Proposed Actions for Next Year	Complete public processes and adoption of proposed OCP amendments and the new Zoning Bylaw.

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	Promote energy efficiency and GHG reduction in the community.
Proposed Actions for Next Year	Promote energy efficiency and GHG reduction in the community.

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	Finalized the Tree Management Policy for the management of trees on city property. Completion of a city tree inventory.
Proposed Actions for Next Year	Continue to look for opportunities to increase green space in the community in accordance with the 2007 City of White Rock Parks Master Plan. Creating an online GIS tree inventory database.

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	Completed ongoing implementation of recommendations in the 2006 Strategic Transportation Master Plan.
Proposed Actions for Next Year	Prepare an update to the Strategic Transportation Master Plan.

Supportive Community-Wide Actions - cont'd

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	Developed, published and distributed community calendar including information/education to encourage diversions of recyclables and organics.
Proposed Actions for Next Year	Review the collection practices of multi family and commercial collections to identify potential Improvements.

Action Type	Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)
Actions Taken this Year	Supported initiatives of the private water utility to reduce water consumption.
Proposed Actions for Next Year	Ongoing review and identification of improvements.

Direct Community-Wide Actions

Action Type	Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)
Actions Taken this Year	Generally ppromoted energy efficiency and GHG reduction in the community.
Proposed Actions for Next Year	Promote energy efficiency and GHG reduction in the community.

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	Promoted the use of EPA Certified Wood Burning Stoves and the various exchange programs available.
Proposed Actions for Next Year	Investigate alternative energy sources for new construction or renovations to city facilities.

Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	issued an RFP for bus shelter upgrades. Installation of pedestrian crosswalk and renovations to bus shelter. Created and implemented recommendations of a Mayor's Waterfront Pay Parking Task Force.
Proposed Actions for Next Year	Review current sidewalks and develop a plan to link sidewalks together. Look at possible improvements to the bicycle network. Examine possible improvements to the bicycle network.

Direct Community-Wide Actions - cont'd

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	Reduced frequency of garbage collection from weekly to biweekly for single family homes, to encourage residents to recycle.
Proposed Actions for Next Year	Updating the Development Permit Guidelines to incorporate dedicated space for recycling, green waste and garbage in apartment buildings.

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	Completed Sanitary Sewer and Stormwater Master Plans.
Proposed Actions for Next Year	Begin implementation of the Sanitary and Storm Master Plans. Update the condition rating of the city's sewer network through CCTV to consider any inflow/infiltration.

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	Planted 30 trees throughout the community including landscaping.
Proposed Actions for Next Year	Plant trees and improve landscaping on Upper Roper Avenue and East Beach. Review and improve existing vegetation on south side of Marine Dr. (area known as the "Hump").

Other Actions Taken this Year	Completed installation of LED lights on White Rock Pier. Two new homes in the City received LEEDS Platinum certification.
-------------------------------	---

1.4 Community Wide Innovation

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	n/a

Corporate Actions for 2012

2.1 Measure

Corporate Measurement Actions

Question	What steps has your local government taken toward completing its corporate emissions inventory (e.g. corporate assets identified related to energy and fuel data and calculated GHG emissions from energy use)?
Answer	City Staff are working towards updating the corporate inventory subject to a consultant review of existing procedures and staffing levels.

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	Currently using Vadim accounting software but looking into SMARTtool.

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. <i>developed corporate climate action plan</i>)
Actions Taken this Year	Supported the 2010 Community Climate Action Plan.
Proposed Actions for Next Year	Prepare for and construct improvements to the White Rock waterfront, including the promenade and pier pedestrian walkways.

Action Type	Building and Lighting (e.g. <i>developed energy reduction plan for all corporate buildings</i>)
Actions Taken this Year	Converted street lights and traffic signals to LED. Conducted study of drainage and air quality at Centennial Arena.
Proposed Actions for Next Year	Conduct an energy audit for the Centre for Active Living. Complete improvements to resolve Centennial Arena issues.

Action Type	Energy Generation (e.g. <i>undertook feasibility study of green energy generation for civic buildings</i>)
Actions Taken this Year	Prepare a needs assessment grant application for an electric vehicle charging station.
Proposed Actions for Next Year	Review of BC Hydro and Fortis Gas incentive programs available. Purchase and Install electric vehicle charging station at the Operations Facility.

Supportive Corporate Actions - cont'd

Action Type	Transportation (e.g. created <i>anti-idling policy for city vehicles, bike to work week promotion</i>)
Actions Taken this Year	Considered alternative fuels and energy efficiency technologies for city vehicle purchases.
Proposed Actions for Next Year	Review the current sidewalks and develop a plan for better linkage. Prepare concept plans for hillside walkways and as well sidewalk improvements in the Town Centre (Johnston Road).

Action Type	Waste(e.g. completed <i>waste audit of City Hall</i>)
Actions Taken this Year	Initiated civic staff participation in green waste and recycling programs at city facilities.
Proposed Actions for Next Year	Introduce a select pilot project for commercial and multifamily residence to achieve improved diversion rates.

Action Type	Water/Sewer (e.g. completed <i>study of sewer and water energy use</i>)
Actions Taken this Year	Completed Sanitary and Stormwater Master Plans
Proposed Actions for Next Year	Initiate a program to update CCTV inspections of sanitary and storm sewers. Update the 5 year capital plan based on the review of the condition assessment plan and sanitary and storm sewer Master Plans.

Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	Updated Kent Street Community Centre kitchen to high efficiency appliances.
Proposed Actions for Next Year	Complete energy retrofits of City Hall and the White Rock Library.

Action Type	Energy Generation (e.g. implemented <i>heat recovery systems, solar</i>)
Actions Taken this Year	Removed old wood stove in city owned facility.
Proposed Actions for Next Year	Work with BC Hydro and Fortis Gas on programs available to reduce emissions at city facilities. Consider more energy efficient options when examining new parking technology.

Direct Corporate Actions - cont'd

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	Implemented an anti-idling policy for the public works yard.
Proposed Actions for Next Year	Request alternative fuel powered vehicles options in new vehicle purchases.

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	Introduced organic separation at city facilities.
Proposed Actions for Next Year	Review solid waste, recycling, organic collection options to prepare for the implementation of a solid waste utility. Complete a business case for curbside cardboard pickup.

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	Updated sewer modeling.
Proposed Actions for Next Year	Review of user drainage fees in light of the proposed Zoning Bylaw and consider incentives for good practices.

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	Planted 30 trees throughout the city.
Proposed Actions for Next Year	Clean up invasive species in community gardens and ravines.

2.3 Corporate Innovations

Question	Is there any activity that you have been engaged in over the past year(s) that you are particularly proud of and would like to share with other local governments? Please describe and add links to additional information where possible.
Answer	n/a