

CLIMATE ACTION REVENUE INCENTIVE PROGRAM (CARIP) PUBLIC REPORT

For Reporting Year =

2013

Community-Wide Actions

1.1 MEASURE		
Community Wide Measurement Actions	ANSWER	ADDITIONAL INFORMATION
QUESTION Have you been using the <i>Community Energy and Emissions Inventory</i> (CEEI) to measure progress? What else have you been using instead of/in addition to CEEI?	No	fill in response here (for the answer to the left, select from the pull down menu)
1.2 PLAN		
Community Wide Targets	ANSWER	ADDITIONAL INFORMATION
QUESTION Do your OCP(s) have targets, policies and actions to reduce GHG emissions, as per the requirements under the <i>Local Governments Act</i> (LGA)? If yes, please identify the targets set. If no or in progress, please comment.	No	
1.3 REDUCE		
<i>Supportive Community-Wide Actions</i>		
Supportive Community-Wide Actions	Actions Taken in 2013	Proposed Actions for 2014
<i>Broad Planning</i> (e.g. creation/revision of OCPs, CEPs, transportation plans)	None	Development of 2015-2019 strategic plan
<i>Building and Lighting</i> (e.g. developed green building policy, increased density in the downtown)	None	
<i>Energy Generation</i> (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)	None	Explore options for solar heating at outdoor swimming pool
<i>Green Space</i> (e.g. developed urban forestry policy, adopted park acquisition policy)	None	

Board Meeting
 APR 10 2014
 CCRD ITEM I 2(a)

<p>Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)</p> <p>Waste (e.g. introduced composting and recycling education programs)</p> <p>Water/Sewer (e.g. participated in water smart initiatives, implemented Water Action Plan, introduced rebates on low flush toilets)</p> <p>Other Actions</p>	<p>None</p> <p>Prepared for expansion of recycling initiative at the Waste and Recycling Centre</p> <p>Development Operation and Closure Plan (DOCP) at the TCWRC. Complete design work for upgrades to the Thorsen Creek Waste & Recycling Centre. Activate vertical baler.</p> <p>Survey of town site water distribution infrastructure.</p>				
<p>Direct Community-Wide Actions</p> <p>Community-Wide Direct Actions</p> <p>Buildings (e.g. implement use of sustainability checklists and development permit guidelines for new buildings)</p> <p>Energy Generation (e.g. implement district energy, geothermal, solar)</p> <p>Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)</p> <p>Waste (e.g. introduce composting and recycling programs)</p> <p>Water/Sewer (e.g. implement water conservation and reduction initiatives)</p> <p>Green Space (e.g. plant trees, conserve forest etc.)</p> <p>Other Actions</p>	<table border="1"> <thead> <tr> <th data-bbox="638 401 1040 464">Actions Taken in 2013</th> <th data-bbox="1040 401 1430 464">Proposed Actions for 2014</th> </tr> </thead> <tbody> <tr> <td data-bbox="638 464 1040 867"></td> <td data-bbox="1040 464 1430 867"> <p>Implementation of Multi Materials BC recycling.</p> <p>Support harvesting initiatives by the Bella Coola Community Forest and Nuxalk Community Forest companies.</p> </td> </tr> </tbody> </table>	Actions Taken in 2013	Proposed Actions for 2014		<p>Implementation of Multi Materials BC recycling.</p> <p>Support harvesting initiatives by the Bella Coola Community Forest and Nuxalk Community Forest companies.</p>
Actions Taken in 2013	Proposed Actions for 2014				
	<p>Implementation of Multi Materials BC recycling.</p> <p>Support harvesting initiatives by the Bella Coola Community Forest and Nuxalk Community Forest companies.</p>				
<p>1.4 COMMUNITY-WIDE INNOVATION</p> <p>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.</p>	<p>Answer</p>				

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Corporate Actions

2.1 MEASURE		
Corporate Measurement Actions	Answer	
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)? What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?	Corporate assets identified: fire hall, airport terminal building, administration office, outdoor swimming pool & street lights. No tools in place to measure corporate emissions.	
2.2 REDUCE		
Supportive Corporate Actions	Actions Taken in 2013	Proposed Actions for 2014
Supportive Corporate Actions <i>Broad Planning</i> (e.g. developed corporate climate action plan) <i>Building and Lighting</i> (e.g. developed energy reduction plan for all corporate buildings) <i>Energy Generation</i> (e.g. undertook feasibility study of green energy generation for civic buildings) <i>Transportation</i> (e.g. created anti-idling policy for city vehicles, bike to work week promotion)	None None Identified energy efficient aspects of administration building.	Commencement and completion of the corporate strategic plan 2015-2019 Anti-idling policy and signage for corporate office
	Corporate carpooling initiative	

<p>Waste (e.g. completed waste audit of City Hall)</p>	<p>Prepared for commencement of design upgrades to the Thorsen Creek Waste & Recycling Centre. Continued recycling initiatives at the administration building.</p>	<p>Construction of design upgrades at the Recycling Centre. Development Operation and Closure Plan (DOCP) including assessment of landfill gas production. for the TCWRC. Implement Tier 4 emission technology in TCWRC equipment.</p>
<p>Water/Sewer (e.g. completed study of sewer and water energy use)</p>	<p>Began mapping of property connection points</p>	<p>Survey plans for infrastructure and survey water system infrastructure for water leakage.</p>
<p>Other Actions</p>	<p>Identified the need for electrical upgrades at the Bella Coola Airport.</p>	
<p>Direct Corporate Actions</p> <p>Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)</p> <p>Energy Generation (e.g. implemented heat recovery systems, solar)</p> <p>Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)</p> <p>Waste (e.g. introduction of composting and recycling programs and education)</p> <p>Water/Sewer (e.g. initiated water conservation and reduction initiatives)</p> <p>Green Space (e.g. planting of trees)</p> <p>Other Actions</p>	<p>Actions Taken in 2013</p> <p>Purchased vertical baler and constructed recycling building.</p>	<p>Proposed Actions for 2014</p> <p>Identify corporate assets</p> <p>Examine options for measuring emissions. Examine feasibility of installing solar heat at pool.</p> <p>Expanding/enhancing recycling programs and education.</p> <p>Apply for Trees Canada funding for planting trees at CCRD facilities. Support the harvest of old forests and replacement with young forests that capture greenhouse gases at a faster rate.</p> <p>Budgeted for development of asset management planning (policy, strategies and plan)</p>
<p>2.3 CORPORATE INNOVATION</p> <p>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.</p>	<p>Answer</p>	

You MUST fill this in for the 2013 reporting year.

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Prior to completing this section, please ensure that you are familiar with the "Becoming Carbon Neutral guidebook" available on the BC

[BC Climate Action Toolkit Website](#)

Carbon Neutral Progress Reporting

<p>Is this your Final or Interim CARIP Report for 2013 ?</p> <p>Emissions/Offsets</p>	<p>Select Answer</p> <p>Tonnes CO2e</p> <p>Enter Values in White Boxes</p>	
<p>Annual corporate emissions using SMARTTool or equivalent inventory tool</p>	<p>0</p>	<p>(+)</p>
<p><i>Emissions from services delivered directly by the local government</i></p>	<p>0</p>	
<p><i>Emissions from contracted services</i></p>	<p>0</p>	
<p>Less:</p> <p>GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project</p>	<p>0</p>	<p>(-)</p>
<p><i>Energy Efficient Building Retrofits and Fuel Switching</i></p>	<p>0</p>	
<p><i>Solar Thermal</i></p>	<p>0</p>	
<p><i>Household Organic Waste Composting</i></p>	<p>0</p>	
<p><i>Low Emissions Vehicles</i></p>	<p>0</p>	
<p>Less:</p> <p>GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects</p> <p><i>Please list all Option 2 Projects Implemented (insert title of the projects(s) as per project plan template. If you have more than two Option 2 projects you can add more lines at the bottom of this sheet)</i></p>	<p>0</p>	<p>(-)</p>
<p><i>Option 2 Project A</i></p>	<p>0</p>	
<p><i>Option 2 Project B</i></p>	<p>0</p>	

<i>Sum of Other Option 2 Projects (if you have added projects below)</i>	0	
Less: Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.	0	
Balance of corporate emissions for this reporting year. <i>(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)</i>	0	(-)
Making Progress on Your Carbon Neutral Commitment If your community has not achieved carbon neutrality for this reporting year please describe the actions that you intend to take next year to move you toward your carbon neutral goal.		=
<p><i>The CCRD will commence measurement of emissions from fuel usage and will examine the feasibility of acquiring the SMART tool to assist with measurement. We will also commence planning for energy efficient building retrofits on regional district building and look at the feasibility of providing solar heating at the outdoor swimming pool to reduce or eliminate fuel usage.</i></p>		
Additional "Option 2" Projects		
<i>Option 2 Project C</i>	0	
<i>Option 2 Project D</i>	0	
<i>Option 2 Project E</i>	0	
<i>Option 2 Project F</i>	0	
<i>Option 2 Project G</i>	0	
<i>Option 2 Project H</i>	0	
Offset Provider Information		
(i) Please Identify the name(s) of your offset provider(s) (Please answer below):		
<i>None</i>		

(ii-a) The offsets being claimed in this CARIP Report were purchased from the offset provider(s) indicated above prior to making this CARIP report public (please indicate yes or no):

OR

(ii-b) There is a signed agreement in place between the reporting local government and the offset provider(s) indicated above to purchase the offsets by no later than June 1, 2014 (please indicate yes or no):

Carbon Tax Calculation Form
Under the Climate Action Revenue Incentive Program

Local Government Name:	Central Coast Regional District
Contact Information:	
Name:	Donna Mikkelsen
Position:	CFO
Telephone Number:	250-799-5291
Email address:	cfo@ccrd-bc.ca

**Calculation of carbon tax paid directly by the local government
for fuel purchased between January 1 and December 31, 2013**

Fuel Type	Unit measure	Units	Tax Rate per unit, January 1, 2013 to June 30, 2013	Units	Tax Rate per unit, July 1, 2013 to December 31, 2013	Carbon Tax paid
Most common fuels in a local government context:						
Gasoline	Litre		0.0667		0.0667	0
Diesel	Litre		0.0767		0.0767	0
Bio-Diesel ¹	Litre		0.0767		0.0767	0
Natural Gas	Gigajoule ²		1.4898		1.4898	0
Natural Gas	m ³		0.057		0.057	0
Propane	Litre	1685.2	0.0462	736.7	0.0462	111.89178
Other fuels which are taxed:						
Heating Oil	Litre	4900.3	0.0767	5130.7	0.0767	769.3777
Locomotive Fuel	Litre		0.0767		0.0767	0
Heavy Fuel Oil	Litre		0.0945		0.0945	0
Aviation Fuel	Litre		0.0738		0.0738	0
Jet Fuel	Litre		0.0783		0.0783	0
Kerosene	Litre		0.0783		0.0783	0
Naphtha	Litre		0.0765		0.0765	0
Methanol	Litre		0.0327		0.0327	0
Butane	Litre		0.0528		0.0528	0
Ethane	Litre		0.0294		0.0294	0
Refinery Gas	m ³		0.0528		0.0528	0
Coke Oven Gas	m ³		0.0483		0.0483	0
Coal -- Low Heat Value ⁴	Tonne		53.31		53.31	0
Coal -- High Heat Value ⁴	Tonne		62.31		62.31	0
Coke	Tonne		74.61		74.61	0
Petroleum Coke	Litre		0.1101		0.1101	0
Tires -- shredded ⁵	Tonne		71.73		71.73	0
Tires -- whole ⁵	Tonne		62.4		62.4	0
Peat	Tonne		30.66		30.66	0
Total Carbon Tax Paid:						881.26948

1. Only list fuels that were purchased for the local government's own use, on which carbon tax was paid, and where that carbon tax was not refunded or recovered from another party (e.g., through a lease arrangement). Also do not include any fuels that were exempted from carbon tax (for more information on exemptions see the Carbon Tax Act and its Regulations)

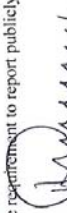
2. Bio-diesel blends must be prorated in order to claim the diesel and bio-diesel portions on the appropriate line. The proportion of the blend (B5, B10, B15 etc) that is conventional hydrocarbon-based diesel is included on the diesel line; consequently, the bio-diesel prorated amount must be entered on the bio-diesel line. For example, a 10,000 litre purchase of B10, which is 10% bio-diesel and 90% hydrocarbon-based diesel, would be recorded as 9,000 litres hydrocarbon-based diesel (90% of 10,000 purchased litres) and bio-diesel would be recorded as 1,000 litres (10% of purchased bio-diesel).

3. Marketable Natural Gas may be recorded at either Gigajoules or m³

4. Low Heat Value Coal includes Sub-Bituminous Coal; High Heat Value Coal includes Bituminous Coal

5. Only include tires if they are combusted

I declare that the information contained in this Carbon Tax Calculation Form is true and correct and based on actual accounting records and not estimates. I am also aware of the requirement to report publicly by March 8th using the CARIP Reporting Template.

Signature of Financial Officer:  Date: Feb 07/14