

Climate Action Revenue Incentive (CARIP) FINAL Public Report for 2012



*City of Pitt Meadows
Metro Vancouver*

Reported by:
Kate Zanon

*Director of Corporate and Business Services
kzanon@pittmeadows.bc.ca
604-465-9491*

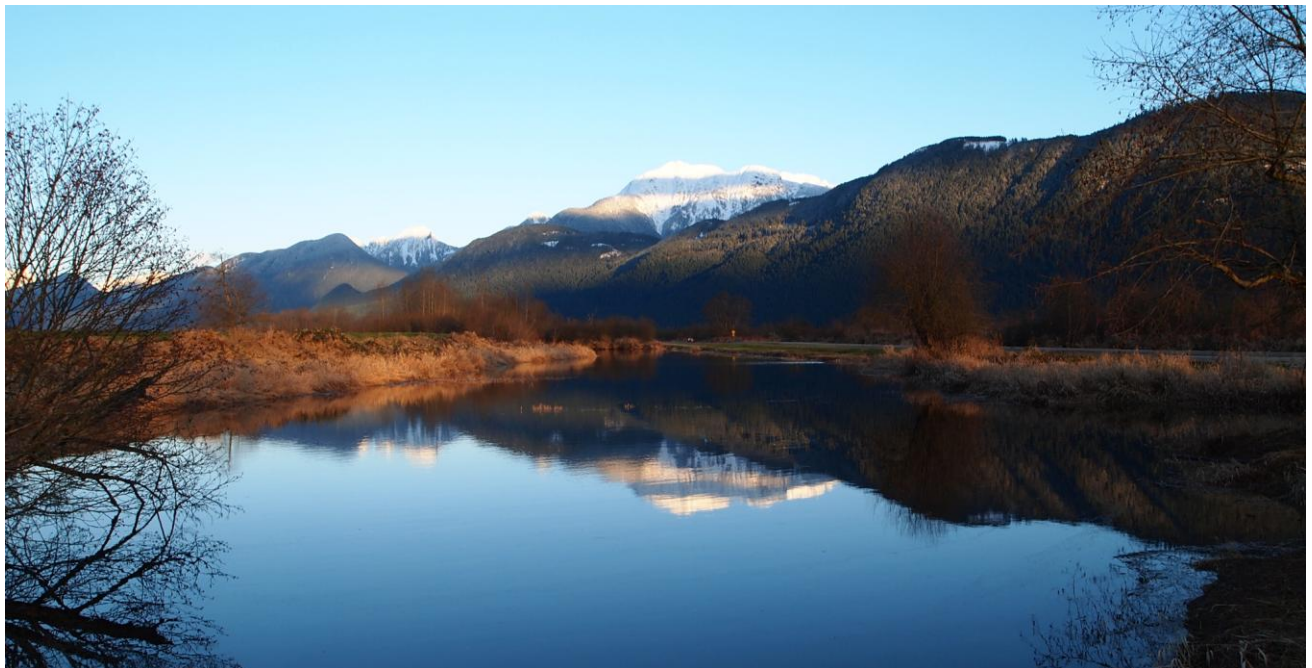


Table of Contents

General Information	1
Community-Wide Actions for 2012	2
1.1 Measure	2
1.2 Plan	2
1.3 Reduce.....	4
Supportive Community-Wide Actions	4
Direct Community-Wide Actions.....	8
1.4 Community Wide Innovation	10
Corporate Actions for 2012	11
2.1 Measure	11
2.2 Reduce.....	11
Supportive Corporate Actions	11
Direct Corporate Actions	13
2.3 Corporate Innovations	15
Carbon Neutral Progress Reporting.....	17



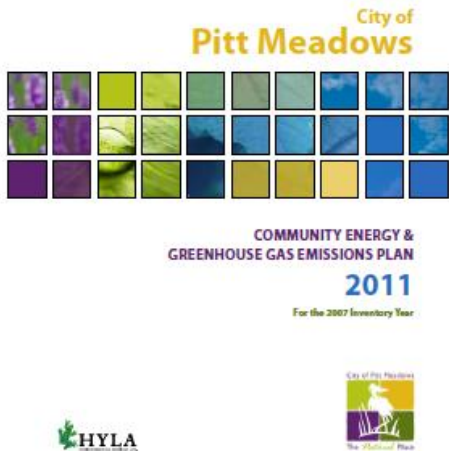
General Information

Name of Local Government	<i>City of Pitt Meadows</i>
Member of Regional District (RD)	<i>15 - Greater Vancouver</i>
Regional Growth Strategy (RGS) in region	<i>Yes</i>
Population	<i>17,736</i>

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	Yes
Additional Information	<p>The City has adopted the Community Energy and Greenhouse Gas Emissions Plan. The Community Energy and Greenhouse Gas Emissions Plan includes a reduction target of 13%. The City uses a consultant's software for reporting on greenhouse gas emissions.</p> <p>http://www.pittmeadows.bc.ca/assets/Green~Info/PM%20Community%20GHG%20Plan.pdf</p> 

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	<p>The Community Energy and Greenhouse Gas Emissions Plan includes a reduction target of 13%. The Official Plan also includes a reduction target of 13% in section 4.1.7, as per Bylaw 2457 (2010).</p> <p>http://www.pittmeadows.bc.ca/assets/Planning/pdfs/OCP%2007jan2009.pdf http://www.pittmeadows.bc.ca/assets/Green~Info/PM%20Community%20GHG%20Plan.pdf</p>  <p>The image shows two document covers side-by-side. The left cover is for the 'City of Pitt Meadows Community Energy & Greenhouse Gas Emissions Plan 2011'. It features a grid of 20 small images in shades of green and blue, representing various natural and urban scenes. Below the grid, the text reads 'COMMUNITY ENERGY & GREENHOUSE GAS EMISSIONS PLAN 2011 For the 2007 Inventory Year'. Logos for 'HYLA' and 'City of Pitt Meadows' are at the bottom. The right cover is for the 'Pitt Meadows Official Community Plan OCP'. It has a green header with 'OFFICIAL COMMUNITY PLAN' in white. Below is a stylized bird logo and the text 'Pitt Meadows OCP Official Community Plan Bylaw No. 2352, 2007'.</p>

Question	<p>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.</p>
Answer	No
Additional Information	Not a Regional District

1.3 Reduce

Supportive Community-Wide Actions

Action Type	Broad Planning (e.g. creation/revision of OCPs, CEPs, transportation plans)
Actions Taken this Year	<ul style="list-style-type: none"> • Pedestrian and Cycling Master Plan (Active Transportation Plan) • Initiated Housing Action Plan • Implementation of actions from Community Energy & Greenhouse Gas Emissions Plan
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Finalize Housing Action Plan • Continued implementation of actions from Community Energy & Greenhouse Gas Emissions Plan • Community-wide Parking Strategy • Official Community Plan Update

Action Type	Building and Lighting (e.g. developed green building policy, increased density in the downtown)
Actions Taken this Year	<ul style="list-style-type: none"> • Increased density in urban core • LED Streetlight testing • Housing Action Plan
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Further densification in urban core encouraging walkability, cycling and transit • Support LiveSmart BC Energy Efficiency Audit program for Businesses

Action Type	Energy Generation (e.g. signed on to provincial 'solar ready' regulation, explored options for bioheating for buildings)
Actions Taken this Year	<ul style="list-style-type: none"> • Organized and promoted Earth Hour - achieving 2.4% energy reduction http://www.el.bchydro.com/mediabulletins/bulletin/conservation_sustainability/bc_hydro_repeats_earth_hour_success
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Organize and promote Earth Hour 2013

Action Type	Green Space (e.g. developed urban forestry policy, adopted park acquisition policy)
Actions Taken this Year	<ul style="list-style-type: none"> • Construction of MacLean Park • Support the Community Garden • Tree Planting in Hoffmann Park
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Support the Community Garden

Action Type	Transportation (e.g. developed sustainable transportation plan, completed bicycle master plan)
Actions Taken this Year	<ul style="list-style-type: none"> • Traffic improvements to reduce idle time, increased focus on pedestrians and cycling options (e.g. Traffic circles) • Bulge out installations in key neighbourhood intersections (slow traffic, increase pedestrian safety, and create green space) • Active Transportation Plan • Organize and promote Bike to Work Week 2012 • Promote Vancouver Area Cycling Coalition network
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Organize and promote Bike to Work Week 2013 • Implement recommendations of Active Transportation Plan

Action Type	Waste (e.g. introduced composting and recycling education programs)
Actions Taken this Year	<ul style="list-style-type: none"> • Encouraged composting through subsidized composter program for residents • Launched curbside organics collection for residential food scraps and yard trimmings • Won an international marketing Honourable Mention award for the • "Take a Bite Out of Garbage" campaign • Organized and promoted Earth Day 2012 event • Supported Metro Vancouver's Green Angel Christmas Waste Reduction Program (Make memories, not garbage)
Proposed Actions for	<ul style="list-style-type: none"> • Re-promote subsidized composter program for residents • Bi-weekly curbside garbage collection

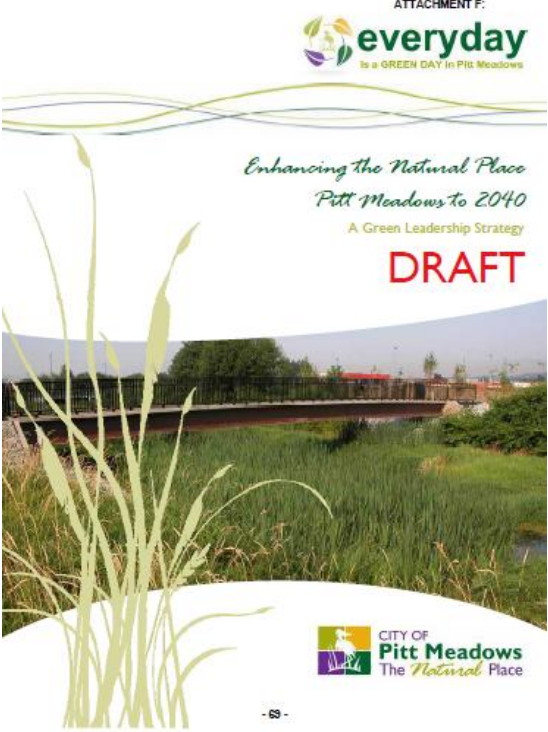


Next Year	<ul style="list-style-type: none"> Organize and promote Earth Day 2013
-----------	---

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	<ul style="list-style-type: none"> Subsidized Rain Barrels for residents Toilet recycling rebate for residents to encourage reduced water consumption Continued upgrading of residential water meters to encourage reduced water consumption
Proposed Actions for Next Year	<ul style="list-style-type: none"> Re-promote subsidized rain barrels for residents Re-promote toilet recycling rebate for residents

Action Type	Other Actions
Actions Taken this Year	<ul style="list-style-type: none"> Amended Urban Beekeeping Bylaw Regular articles on Green Team in monthly newspaper publication - City Talks http://www.pittmeadows.bc.ca/EN/main/onlineservices/42995/City-Talks-Newsletter.html Maintain Green website page http://www.pittmeadows.bc.ca/EN/main/residents/31576.html Created the Draft Green Leadership Strategy: Pitt Meadows to 2040: Pitt Meadows to 2040. Beginning on page 73 of http://www.pittmeadows.bc.ca/assets/Council/2012~Agendas/Council%20in%20Committee%20Agenda%20-%20August%2028,%202012.pdf



	<p style="text-align: center;">ATTACHMENT F:</p>  <p style="text-align: center;">- 69 -</p>
<p>Proposed Actions for Next Year</p>	<ul style="list-style-type: none"> • Ongoing maintenance of Green website page • Organize and promote Earth Talks to increase environmental awareness • Host the Going Green Awards

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	<ul style="list-style-type: none"> • Adopted Sustainability Checklist for Development Applications (revised previous Smart Growth Checklist) • Bylaw Officers work with Developers to assist in removing barriers to Green Building techniques
Proposed Actions for Next Year	

Action Type	Energy Generation (e.g. implement district energy, geothermal, solar)
Actions Taken this Year	<ul style="list-style-type: none"> • Encouraged developers to consider district energy or alternative energy solutions in new developments
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue to encourage developers to consider alternative energy solutions and passive building design in new developments

Action Type	Transportation (e.g. implement bike lanes, pedestrian paths, upgrade transit service and infrastructure, improve roads, parking fees etc.)
Actions Taken this Year	<ul style="list-style-type: none"> • Enforce parking restrictions
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Electric vehicle car charging station implementation

Action Type	Waste (e.g. introduce composting and recycling programs)
Actions Taken this Year	<ul style="list-style-type: none"> • Launched curbside organics collection for residential food scraps and yard trimmings • The Pitt Meadows Yard Waste drop-off is: Meadows Landscape Supply,



	<p>18020 Kennedy Road</p> <ul style="list-style-type: none"> • The Ridge Meadows Recycling Society drop-off is: 10092 - 236th Street, Maple Ridge • Christmas lights recycling program
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Bi-weekly curbside garbage collection • Prepare for Multi-Material BC to assume responsibility for waste and recycling (May 2014)

Action Type	Water/Sewer (e.g. implement water conservation and reduction initiatives)
Actions Taken this Year	<ul style="list-style-type: none"> • Continued re-lining sewer pipes instead of open trenching and replacement saving 97 tonnes of GHG emissions per 1000 meters of pipe
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue sewer pipe relining • Sewer Bilateral Review

Action Type	Green Space (e.g. plant trees, conserve forest etc.)
Actions Taken this Year	<ul style="list-style-type: none"> • Insist on landscaping for all new developments, and encourage native and drought resistant plants
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue to insist developers include landscape considerations in plans

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

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	<ul style="list-style-type: none">• Won an international marketing Honourable Mention award for the "Take a Bite Out of Garbage" campaign http://www.pittmeadows.bc.ca/EN/main/cityhall/44/archives/press/city-wins-awards-for-marketing-communications.html

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	<ul style="list-style-type: none"> The City has adopted the Corporate Energy and Greenhouse Gas Emissions Plan. The Corporate Energy and Greenhouse Gas Emissions Plan includes a reduction target of 32%. Completed 40 of 55 initiatives. http://www.pittmeadows.bc.ca/assets/Green~Info/Corporate%20Energy%20and%20Emissions%20Plan%202010.pdf

Question	What tool are you using to measure, track and report on your corporate emissions (e.g. SMARTtool, other tools including excel spreadsheets)?
Answer	<ul style="list-style-type: none"> Currently using consultant's software

2.2 Reduce

Supportive Corporate Actions

Action Type	Broad Planning (e.g. <i>developed corporate climate action plan</i>)
Actions Taken this Year	<ul style="list-style-type: none"> Initiated Corporate Sustainability Plan Continued to implement actions in the Corporate Energy & Greenhouse Gas Emissions Plan Corporate cross departmental Green Team meets monthly to plan and generate ideas Participated in the BC Hydro Workplace Conservation Awareness Program (Year 1)
Proposed Actions for	<ul style="list-style-type: none"> Finalize Corporate Sustainability Plan Continued implementation of actions from Corporate Energy &

Next Year	<p>Greenhouse Gas Emissions Plan</p> <ul style="list-style-type: none"> • Pursue external funding opportunities for environmental educational campaigns • Ongoing enhancement of Green Team initiatives • Participate in year 2 of the BC Hydro Workplace Conservation Awareness Program
-----------	---

Action Type	Building and Lighting (e.g. developed energy reduction plan for all corporate buildings)
Actions Taken this Year	<ul style="list-style-type: none"> • BC Hydro Workplace Conservation Awareness Program Year 1 (initiatives to promote energy reduction included Turn It Off, Space Heater replacement, measure power consumption of equipment, Smart tools for the workplace, etc).
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Participate in BC Hydro Workplace Conservation Awareness Program Year 2

Action Type	Energy Generation (e.g. undertook feasibility study of green energy generation for civic buildings)
Actions Taken this Year	<ul style="list-style-type: none"> • Raise awareness of energy generation in the community from solar panels on South Bronson Community Centre
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Explore energy generation feasibility studies when there is an opportunity

Action Type	Transportation (e.g. created anti-idling policy for city vehicles, bike to work week promotion)
Actions Taken this Year	<ul style="list-style-type: none"> • Participated in Bike to Work week
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Promote Bike to Work week with incentives for participation • Anti-idling campaign (focused efforts at rail crossings)



Action Type	Waste (e.g. completed waste audit of City Hall)
Actions Taken this Year	<ul style="list-style-type: none"> Public Works disposes of illegally dumped garbage in the community
Proposed Actions for Next Year	<ul style="list-style-type: none"> Public Works disposes of illegally dumped garbage in the community Continue to address illegally dumping site issues

Action Type	Water/Sewer (e.g. completed study of sewer and water energy use)
Actions Taken this Year	<ul style="list-style-type: none"> Initiated Bilateral Sewer Review
Proposed Actions for Next Year	<ul style="list-style-type: none"> Integrated Stormwater Management Study

Action Type	Other Actions
Actions Taken this Year	
Proposed Actions for Next Year	

Direct Corporate Actions

Action Type	Building and Lighting (e.g. energy efficiency retrofits to municipal buildings)
Actions Taken this Year	<ul style="list-style-type: none"> Energy efficiency audits conducted at: City Hall, Pitt Meadows Family Recreation Centre, South Bronson Community Centre and Public Works Yard
Proposed Actions for Next Year	



Action Type	Energy Generation (e.g. implemented heat recovery systems, solar)
Actions Taken this Year	<ul style="list-style-type: none"> • Operated solar panels on South Bronson Community Centre to reduce need for energy • Participated in BC Hydro's Workplace Conservation Awareness Program Year 1
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Ongoing operation of South Bronson Community Centre solar panels

Action Type	Fleet (e.g. anti-idling policies for fleet vehicles, purchasing of hybrid)
Actions Taken this Year	<ul style="list-style-type: none"> • Staff carpooling for offsite meetings • Employ "Ekko Courier" as corporate courier (use efficient hybrid vehicles)
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Anti-idling policy and campaign for staff

Action Type	Waste (e.g. introduction of composting and recycling programs and education)
Actions Taken this Year	<ul style="list-style-type: none"> • Corporate green waste (fruit, vegetable, coffee grounds) and recycling (paper and styrofoam) diversion program • City Hall Compost Bin • Use of reusable dishes and cutlery in facility meeting rooms (not disposable dishes) • Piloted Dyson Hand Dryer in one washroom to reduce paper hand towel waste • Works Yard recycles scrap metal, wood pallets, batteries, used tires and oil
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue corporate green waste and recycling diversion programs • Continue to monitor areas for improvement

Action Type	Water/Sewer (e.g. initiated water conservation and reduction initiatives)
Actions Taken this Year	
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Water Reduction (Use it Wisely) Campaign

Action Type	Green Space (e.g. planting of trees)
Actions Taken this Year	
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue to look for opportunities to add green space in the community

Action Type	Other Actions
Actions Taken this Year	<ul style="list-style-type: none"> • Sourced products with higher recycled content (e.g. Office products) • Recycled old and used office products for reuse/reclamation • Purchased energy star rated laptops • Continued server virtualization to reduce hardware consumption and energy consumption • Promoted green incentives and programs through City Talks newsletter and Green website page • Use Mills Stationery as our office supplier (they promote recycled products, pick up our used products for recycling, incorporate social programs into their business, carbon-free delivery program)
Proposed Actions for Next Year	<ul style="list-style-type: none"> • Continue to find innovative ways to pursue sustainability

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	<ul style="list-style-type: none"> • BC Hydro Workplace Conservation Awareness Program Year 1 (initiatives to promote energy reduction included Turn It Off, Space Heater replacement, measure power consumption of equipment, Smart tools for the workplace, etc).

Carbon Neutral Progress Reporting

Tonnes CO2e

Annual corporate emissions using SMARTTool or equivalent inventory tool 797

Emissions from services delivered directly by the local government 758

Emissions from contracted services 39

0

Less:

GHG reductions being claimed for this reporting year from Option 1 - GHG reduction project

Energy Efficient Building Retrofits and Fuel Switching

Solar Thermal

Household Organic Waste Composting 297

Low Emissions Vehicles

0

Less:

GHG reductions being claimed for this reporting year from Option 2 - GHG reduction projects

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)

Less:

Offsets purchased for this reporting year (Option 3). Please identify your offset provider in the offset provider information section below.

Balance of corporate emissions for this reporting year. 500

(If the corporate emissions balance is zero, your local government is carbon neutral for this reporting year)



Making Progress on Your Carbon Neutral Commitment

Question	<p>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></p>
Answer	<p>The City of Pitt Meadows is committed to carbon management and is dedicated to making progress towards carbon neutrality. We continue to measure, reduce and report on corporate emissions and are working towards meeting the broader Climate Action Charter goals. To be carbon neutral in 2012, the City of Pitt Meadows would have to purchase offsets from the Pacific Carbon Trust equivalent to the amount of greenhouse gases produced through corporate emissions. Based on the net city greenhouse gas emissions of 500 tonnes CO₂e, this equates to \$12,500. The City of Pitt Meadows set aside money in their business plan to offset carbon emissions. However, instead of purchasing offsets to be carbon neutral in 2012, Pitt Meadows is making progress towards carbon neutrality. In April, Mayor and Council passed a resolution to create a Carbon Neutrality and Sustainability Reserve Fund. The purpose of this fund is to designate money that is received from the BC Province's Climate Action Revenue Incentive Program (CARIP) and an equivalent amount of money the organization would pay if they were to become carbon neutral under the BC Climate Action Charter. This money is to be used for initiatives which move the City of Pitt Meadows towards carbon neutrality and sustainability. Monies in this Reserve Fund shall be used for initiatives which includes but is not limited to: Corporate energy conservation projects aimed at further reducing energy costs and Greenhouse Gas emissions (e.g. boiler, HVAC system, lighting upgrades), develop a low carbon fleet management plan when considering vehicle purchases, transportation upgrades to reduce idling in the community (e.g. anti-idling campaign, roundabouts), community green homes initiative (e.g. educate and help residents improve energy efficiency of homes and businesses) and a Community Sustainability Plan.</p>

Offset Provider	Not applicable
We have already purchased	No
Or, will purchase by June 1, 2013	No

