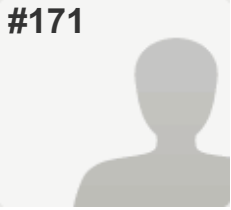


#171

**COMPLETE**

Collector: Email Invitation 6 (Email)
Started: Monday, May 29, 2017 9:03:32 AM
Last Modified: Thursday, June 01, 2017 8:32:47 PM
Time Spent: Over a day
Email: svend.andersen@ghgaccounting.ca
IP Address: 207.34.173.69

PAGE 2: LOCAL GOVERNMENT INFORMATION

Q1: Name of Local Government	Pitt Meadows, City of
Q2: Name of member Regional District	Greater Vancouver (Metro)
Q3: Regional Growth Strategy (RGS) in your region	Yes
Q4: Population	10,000 - 49,999
Q5: Submitted by:	
Name	Susanne Sloboda
Position	Environmental Stewardship Officer
Email Address	ssloboda@pittmeadows.bc.ca
Phone Number	604-460-6720

PAGE 3: BROAD PLANNING ACTIONS

Q6: 2016 Community-Wide Broad Planning Actions

- | | |
|----|---|
| 1. | Infill Housing Policy Review |
| 2. | Environmental Stewardship Officer Recruitment |
| 3. | Waste Management Services reverted to CNG trucks |
| 4. | Various bylaw and policy review from a sustainability perspective |
| 5. | Planning to create a Rapid Bus Connection to Evergreen Line |

Q7: Additional 2016 Community-Wide Broad Planning (Optional - separate each reported action with a "\")

Cycling awareness initiatives; policy changes; increased recycling service level to include glass collection; Adopted Anti-idling Policy

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q8: Community-Wide Broad Planning - Actions Proposed for 2017

1. OCP Update
 2. Review Housing in the ALR
 3. Local Area Plan for Airport Lands
 4. Bylaws review to integrate New Building Act
 5. Environmental Inventory and Management Strategy
-

Q9: 2016 Corporate Broad Planning Actions

1. Energy Conservation Initiatives - BC Hydro Workplace Conservation Awareness Program
 2. Commenced Evaluation of Greenhouse Gas Emission Reduction Projects
 3. Continue zero/minimize waste initiatives to reduce carbon footprint with Waste Management, Organics Diversion and Recycling
 4. Consideration for energy savings initiatives with expanding City services (building renovations, purchases, etc.)
-

Q10: Additional 2016 Corporate Broad Planning Actions(Optional - separate each reported action with a "\")

Respondent skipped this question

Q11: Corporate Broad Planning - Actions Proposed for 2017

1. Continued Evaluation of Greenhouse Gas Emission Reduction Projects
 2. Implementation of new Cartegraph Asset Management System (better tracking to monitor energy efficiency & opportunities)
 3. Continued Energy Conservation Initiatives
 4. Continue zero/low waste initiatives to reduce carbon footprint with Waste Management, Organics Diversion and Recycling
 5. Consideration for energy savings initiatives with expanding City services (building renovations, purchases, etc.)
-

Q12: What is(are) your current GHG reduction target(s)?

TBD

Q13: Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?

Yes

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q14: What plans, policies or guidelines govern the implementation of climate mitigation in your community?

Community Energy and Emissions Plan ,
 Integrated Community Sustainability Plan,
 Community-Wide Climate Action Plan ,
 Official Community Plan (OCP) ,
 Regional Growth Strategy,
 Other (please specify)
 Evaluation of Greenhouse Gas Emission Reduction
 Projects

Q15: Does your local government have a corporate GHG reduction plan?

Yes

Q16: Does your local government set aside funds in a climate reserve fund or something similar?

Yes

PAGE 4: BUILDING AND LIGHTING ACTIONS

Q17: 2016 Community-Wide Building and Lighting Actions

1. Continue exploring options to support energy saving initiatives
2. Continue conversion of streetlights to LED bulbs where possible
3. Zero/Minimize Waste and Energy Savings initiatives and public outreach

Q18: Additional Community-Wide Building and Lighting Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q19: Community-Wide Building and Lighting - Actions Proposed for 2017

1. Continue exploring options to support energy saving initiatives
2. Continue conversion of streetlights to LED bulbs
3. Zero/Minimize Waste and Energy Savings initiatives outreach to staff

Q20: 2016 Corporate Building and Lighting Actions

1. Continue exploring options to support energy saving initiatives
2. Continue conversion of lights to LED bulbs
3. Zero/Minimize Waste and Energy Savings initiatives and public outreach

Q21: Additional 2016 Corporate Building and Lighting Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q22: Corporate Building and Lighting - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Continue exploring options to support energy saving initiatives |
| 2. | Continue conversion of lights to LED bulbs |
| 3. | Zero/Minimize Waste and Energy Savings initiatives and public outreach |
-

PAGE 5: ENERGY GENERATION ACTIONS

Q23: 2016 Community-Wide Energy Generation Actions

- | | |
|----|---|
| 1. | Exploring options to reduce energy consumption with sanitary infrastructure |
| 2. | Exploring options to reduce energy consumption with drainage infrastructure |
| 3. | Commence Evaluation of Greenhouse Gas Emission Reduction Projects |
-

Q24: Additional 2016 Community-Wide Energy Generation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q25: Community-Wide Energy Generation - Actions Proposed for 2017

- | | |
|----|---|
| 1. | Exploring options to reduce energy consumption with sanitary infrastructure |
| 2. | Exploring options to reduce energy consumption with drainage infrastructure |
| 3. | Continue Evaluation of Greenhouse Gas Emission Reduction Projects |
-

Q26: 2016 Corporate Energy Generation Actions

- | | |
|----|--|
| 1. | South Bonson Community Centre continues to generate operational power for the building with photovoltaic panels, and pre-heats water with solar panels |
| 2. | Purchase and implementation of SAAS Software to better track energy efficiency and GHG emissions |
| 3. | Commence Evaluation of Greenhouse Gas Emission Reduction Projects |
| 4. | Initiate Facilities Condition Assessment of municipal buildings |
-

Q27: Additional 2016 Corporate Energy Generation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q28: Corporate Energy Generation - Actions Proposed for 2017

- | | |
|----|--|
| 1. | South Bonson Community Centre continues to generate operational power for the building with photovoltaic panels, and pre-heats water with solar panels |
| 2. | Continue Evaluation of Greenhouse Gas Emission Reduction Projects |
| 3. | Continued implementation of SAAS Software to better track energy efficiency and GHG emissions |
| 4. | Continued Facilities Condition Assessment of municipal buildings |

Q29: Is your local government developing or constructing... None of the above

Q30: Is your local government operating... A renewable energy system

Q31: Is your local government connected to a district energy system that is operated by another energy provider? No

Q32: Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit? Yes

PAGE 6: GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Q33: 2016 Community-Wide Greenspace Actions

- | | |
|----|--|
| 1. | Support & promote the Great Canadian Shoreline Cleanup with Loblaws |
| 2. | Expansion of Community Garden |
| 3. | Expansion of bike lanes and trails |
| 4. | Earth Day 2016 celebration promoting riparian areas - eco-education / outreach |
| 5. | Continued GIS Mapping updates to integrate greenspace components |

Q34: Additional 2016 Community-Wide Greenspace Actions (Optional - separate each reported action with a "\") *Respondent skipped this question*

Q35: Community-Wide Greenspace - Actions Proposed for 2017

- | | |
|----|---|
| 1. | Environmental Inventory & Management Strategy |
| 2. | Official Community Plan update |
| 3. | Tree Policy Review |
| 4. | Robinson House Property planning for City-acquired park space |
| 5. | Review of Development Landscape Guidelines |

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q36: 2016 Corporate Greenspace Actions

1. Recruitment of new Parks Department
2. Recruitment of new Recreation Department
3. Recruitment of Environmental Stewardship Officer
4. Continued participation in Great Canadian Shoreline Cleanup

Q37: Additional 2016 Corporate Greenspace Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q38: Corporate Greenspace - Actions Proposed for 2017

1. Environmental Inventory & Management Strategy
2. Continued GIS Mapping updates to integrate greenspace components
3. Continued participation in Great Canadian Shoreline Cleanup

Q39: Does your local government have urban forest policies, plans or programs?

No

PAGE 7: SOLID WASTE ACTIONS

Q40: 2016 Community-Wide Solid Waste Actions

1. Implemented Waste Management garbage pick up using low-emissions trucks (CNG)
2. Continue with weekly recycling & organics pick up and implement glass collection
3. Continued participation in Great Canadian Shoreline Cleanup
4. Promoted subsidized composters
5. Continued support of MVRD's waste reduction campaigns

Q41: Additional 2016 Community-Wide Solid Waste Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q42: Community-Wide Solid Waste - Actions Proposed for 2017

1. Continued Waste Management garbage pick up using low-emissions trucks (CNG)
2. Continue with weekly recycling & organics pick up and implement glass collection
3. Continued participation in Great Canadian Shoreline Cleanup
4. Promoted subsidized composters
5. Continued support of MVRD's waste reduction campaigns

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q43: 2016 Corporate Solid Waste Actions

1. Continued Waste Management garbage pick up using low-emissions trucks (CNG)
2. Continue with weekly recycling & organics pick up and implement glass collection
3. Continued participation in Great Canadian Shoreline Cleanup
4. Continued support of MVRD's waste reduction campaigns

Q44: Additional 2016 Corporate Solid Waste Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q45: Corporate Solid Waste - Actions Proposed for 2017

1. Continued Waste Management garbage pick up using low-emissions trucks (CNG)
2. Continue with weekly recycling & organics pick up and implement glass collection
3. Continued participation in Great Canadian Shoreline Cleanup
4. Continued support of MVRD's waste reduction campaigns

Q46: Does your local government have construction and demolition waste reduction policies, plans or programs?

No

Q47: Does your local government have organics reduction/diversion policies, plans or programs?

Yes

PAGE 8: TRANSPORTATION ACTIONS

Q48: 2016 Community-Wide Transportation Actions

1. Active Transportation - continued implementation of Pedestrian & Cycling Master Plan developed in 2013
2. Facilitated Bike Awareness & Learn to Ride session
3. Cycling awareness & share the road signage
4. Traffic Calming Policy updates
5. Continue providing 2 free Electrical Vehicle charging stations

Q49: Additional 2016 Community-Wide Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q50: Community-Wide Transportation- Actions Proposed for 2017

- | | |
|----|--|
| 1. | Active Transportation - continued implementation of Pedestrian & Cycling Master Plan developed in 2013 |
| 2. | Continue providing 2 free Electrical Vehicle charging stations |
| 3. | Conduct rail obstruction counts to document impacts on vehicle traffic at two grade crossings |
| 4. | Transportation Public Consultation process to explore network options |
| 5. | Continue cycling awareness & share the road signage |

Q51: 2016 Corporate Transportation Actions

- | | |
|----|--|
| 1. | Bike to Work Week cycling challenge with member municipality |
|----|--|

Q52: Additional 2016 Corporate Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q53: Corporate Transportation - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Bike to Work Week cycling challenge with member municipality |
| 2. | Hosted HUB Cycling Bike to Work Primer Lunch & Learn for staff |
| 3. | Hosted HUB Cycling Beginner Bike Maintenance Lunch & Learn for staff |

Q54: Does your local government have policies, plans or programs to support:

Walking, Cycling, Transit, Electric Vehicles

Q55: 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

Q56: Does your local government have policies, plans or programs to support local food production? (Thus reducing transportation emissions)

Yes

Q57: 2016 Community-Wide Water and Wastewater Actions

- | | |
|----|---|
| 1. | Continue replacing & relining of water system pipes |
| 2. | Continue water meter usage in non-residential zones |
| 3. | Offer reduced cost rain barrel, water bags for trees & toilet recycling rebates |
| 4. | Promote MVRD water conservation & enforced restrictions |
| 5. | Irrigation Study undertaken to explore options for increased drainage infrastructure efficiency |

Q58: Additional 2016 Community-Wide Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q59: Community-Wide Water and Wastewater - Actions Proposed for 2017

- | | |
|----|---|
| 1. | Environmental Inventory & Management Strategy |
| 2. | Attain water quality monitoring equipment |
| 3. | Continue replacing & relining of water system pipes |
| 4. | Continued water meter usage in non-residential zones |
| 5. | Promote MVRD water conservation & enforced restrictions |

Q60: 2016 Corporate Water and Wastewater Actions

- | | |
|----|---|
| 1. | Promote water conservation initiatives |
| 2. | Submit grants for water protection / enhancement initiatives |
| 3. | Participated in Great Canadian Shoreline Cleanup with Loblaws |

Q61: Additional 2016 Corporate Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q62: Corporate Water and Wastewater - Actions Proposed for 2017

- | | |
|----|--|
| 1. | Promote water conservation initiatives |
| 2. | Explore grant options for water protection / enhancement initiatives |
| 3. | Participate in Great Canadian Shoreline Cleanup with Loblaws |

Q63: Does your local government have water conservation policies, plans or programs?

Yes

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q64: 2016 Climate Change Adaptation Actions

1. Environmental Stewardship Officer recruitment
 2. Purchase & implementation of SAAS software to better track & monitor GHG emissions & initiatives
 3. Initiate Evaluation of GHG Emission Reduction Potential Project
 4. Anti-idling Policy adoption
 5. Phase I Flood Risk Assessment Grant Application submission
-

Q65: Additional 2016 Climate Change Adaptation Actions (Optional - separate each reported action with a "\")

Hosted annual Earth Day event for eco-education / public outreach; ACHIEVED CARBON NEUTRAL STATUS for 2015

Q66: Climate Change Adaptation - Actions Proposed for 2017

1. Continued environmental mapping attributes in GIS
 2. Continued implementation of SAAS software to better track & monitor GHG emissions & initiatives
 3. Environmental Inventory & Management Strategy
 4. Earth Day focus on Riparian Areas theme
 5. Continue Green Tips in monthly City Talks newsletter
-

Q67: Resources you have used to support climate change adaptation (e.g. Plan2Adapt, Preparing for Climate Change: Implementation Guide)

1. Committee Member of Metro Vancouver Regional District RCACT & other relevant committees/task forces
 2. Preparing for Climate Change: Implementation Guide
 3. Becoming Carbon Neutral Guide
 4. GHG Accounting
 5. SaaS Software
-

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q68: In 2016 did you consider climate change impacts in any of the following areas?

Risk reduction strategies,
Risk and vulnerability assessment,
Asset management,
Infrastructure upgrades (e.g. stormwater systems upgrades)
,
Cross-department working groups,
Emergency response planning,
Land-use policy changes (eg. OCP, DPA),
Economic diversification initiatives,
Ecosystem based approaches (incl. shoreline),
Incentives (e.g. property owner reducing stormwater run-off)
,
Public Education and awareness,
Research (e.g. mapping, participation in studies)

PAGE 11: OTHER CLIMATE ACTIONS

Q69: 2016 Community-Wide Other Actions

- | | |
|----|---|
| 1. | Support environmental stewardship & enhancement initiatives |
| 2. | Increased community engagement |
| 3. | Environmental mapping layer initiatives |
-

Q70: 2016 Corporate Other Actions

Respondent skipped this question

Q71: Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)?

Yes

Q72: Have you used the CLIC?

No

PAGE 12: INNOVATION AND PEER LEARNING

Q73: Community - Wide Innovation

3 highlights:

1. Undertaking Environmental Inventory & Management Strategy.
2. Purchase & implementation of SaaS Software to better track & monitor GHG emissions and energy efficiency.
3. Undertaking an Evaluation of GHG Emission Reduction Project to explore feasibility and potential of reduction option projects.

Q74: Corporate Innovation

Respondent skipped this question

Q75: Programs, Partnerships and Funding

BC Hydro - LED Streetlighting, Workplace Energy Conservation.
 Metro Vancouver Regional District - Regional waste reduction, organic waste, and climate change initiative campaigns

PAGE 13: 2016 CARBON NEUTRAL REPORTING

Q76: Did you measure your local government's corporate GHG emissions in 2016?

Yes

Q77: If your local government measured 2016 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):

778

Q78: If your local government measured 2016 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent):

297

Q79: Total A: Corporate GHG emissions for 2016 (Direct GHGs + Contracted GHGs)

1075

PAGE 14: REPORTING REDUCTIONS AND OFFSETS

Q80: Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO2e))

Respondent skipped this question

Q81: Solar Thermal(in tonnes of carbon dioxide equivalent (tCO2e))

Respondent skipped this question

Q82: Household Organic Waste Composting(in tonnes of carbon dioxide equivalent (tCO2e))

847

Q83: Low Emission Vehicles(in tonnes of carbon dioxide equivalent (tCO2e))

Respondent skipped this question

Q84: Avoided Forest Conversion(in tonnes of carbon dioxide equivalent (tCO2e))

Respondent skipped this question

2016 CARIP Climate Action/Carbon Neutral Progress Survey

Q85: Total B: Reductions from all Option 1 Projects for 2016 847

Q86: If applicable, please report the names and 2016 GHG emissions reductions being claimed from Option 2 GHG Reduction Projects: *Respondent skipped this question*

Q87: Total C: Reductions from all Option 2 Projects for 2016 *Respondent skipped this question*

Q88: If applicable, please report the name of offset provider and the number of offsets purchased for the 2016 reporting year. Note: Please do not include funds set aside in a climate action reserve fund.

Offset Provider Name Offsets from previous years

Offsets (tCO2e) 74

Offset Provider Name Offsets acquired

Offsets (tCO2e) 154

Q89: Total D: Offsets purchased for 2016 *Respondent skipped this question*

Q90: TOTAL REDUCTIONS AND OFFSETS FOR 2016 (Total B+C+D) 1075

Q91: Corporate GHG Emissions balance for 2016 = (A-(B+C+D)) = 0

PAGE 15: RECOGNITION

Q92: Based on your local government's 2016 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies: Level 3 - Accelerating Progress on Charter Commitments

Q93: Related to Level 3 recognition, if applicable, please identify any new or ongoing corporate or community wide GHG reduction projects (other than an Option 1 or Option 2 project) undertaken by your local government that reflects a significant investment of time and/or financial resources and is intended to result in significant GHG reductions. *Respondent skipped this question*