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COMPLETE

Collector: Email Invitation 1 (Email)
Started: Wednesday, May 08, 2019 10:20:49 AM
Last Modified: Monday, May 27, 2019 8:18:55 AM
Time Spent: Over a week
Email: CFO@village.fruitvale.bc.ca
IP Address: 184.68.57.78

Page 2: LOCAL GOVERNMENT INFORMATION

Q1 Name of Local Government **Fruitvale, The Corporation of the Village of**

Q2 Name of member Regional District **Kootenay Boundary**

Q3 Regional Growth Strategy (RGS) in your region **Yes**

Q4 Population **0 - 4,999**

Q5 Submitted by

Name **Kelli Tuttle**
Position **Manager of Finance and Corporate Services**
Email Address **cfo@village.fruitvale.bc.ca**
Phone Number **2503677551**

Page 3: BROAD PLANNING ACTIONS

Q6 Community-Wide Broad Planning Actions Taken in 2018

1. **Community planning centered on in-fill area development first**
 2. **Expanded greenspace and tree plantings (Railway Park)**
 3. **Bike path installation to provide community alternatives for transportation**
 4. **Upgrades to sewer collection and treatment system**
 5. **Inflow and infiltration study to examine methods to divert stormwater away from sewer treatment**
-

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q7 Additional Community-Wide Broad Planning Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q8 Community-Wide Broad Planning Actions Proposed for 2019

1. **Tree planting program continuation in Railway Park and Haines Park**
 2. **Continuation of expanded green spaces.**
 3. **continuation of Inflow and infiltration study**
 4. **continuation of sewer treatment and collection upgrades**
-

Q9 Corporate Broad Planning Actions Taken in 2018

1. **New roof on Village shop to lessen energy consumption on heating and cooling**
-

Q10 Additional Corporate Broad Planning Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

Q11 Corporate Broad Planning Actions Proposed for 2019

1. **Implementation of a long-term capital asset plan which identifies new or replacement assets that include new technology with a focus on conserving energy.**
-

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

33% below 2007 levels by 2020

Q13 Are you familiar with your local government's community energy and emissions inventory (e.g. CEEI or another inventory)? **Yes**

Q14 What plans, policies or guidelines govern the implementation of climate mitigation in your community? **Official Community Plan**

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

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q16 Community-Wide Building and Lighting Actions Taken in 2018 **Respondent skipped this question**

Q17 Additional Community-Wide Building and Lighting Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

Q18 Community-Wide Building and Lighting Actions Proposed for 2019 **Respondent skipped this question**

Q19 Corporate Building and Lighting Actions Taken in 2018

1. **Community Center furnace replacement with high-efficiency furnace**
 2. **Replacement of roof at Public Works building to reduce heating costs**
-

Q20 Additional Corporate Building and Lighting Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q21 Corporate Building and Lighting Actions Proposed for 2019

1. **Continuation of efficiency improvement in Community Hall renovations**
-

Q22 Is your local government aware of the BC Energy Step Code? **No**

Q23 Is your local government planning on implementing the BC Energy Step Code? **Yes**

Page 5: ENERGY GENERATION ACTIONS

Q24 Community-Wide Energy Generation Actions Taken in 2018 **Respondent skipped this question**

Q25 Additional Community-Wide Energy Generation Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

Q26 Community-Wide Energy Generation Actions Proposed for 2019 **Respondent skipped this question**

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q27 Corporate Energy Generation Actions Taken in 2018 **Respondent skipped this question**

Q28 Additional Corporate Energy Generation Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q29 Corporate Energy Generation Actions Proposed for 2019 **Respondent skipped this question**

Q30 Is your local government developing or constructing a **none of the above**

Q31 Is your local government operating a **none of the above**

Q32 Is your local government connected to a district energy system that is operated by another energy provider? **No**

Q33 Are you familiar with the 2018 List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments? **No**

Page 6: GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Q34 Community-Wide Greenspace Actions Taken in 2018

1. **Greenspace expansion plan (Railway Park)**
 2. **Davis Ave Bike Path**
-

Q35 Does your local government have policies, plans or programs to support local food production? **No**

Q36 Additional Community-Wide Greenspace Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q37 Community-Wide Greenspace Actions Proposed for 2019

1. **Parks tree planting program**
 2. **Beach Trail Capital renewal project**
-

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q38 Corporate Greenspace Actions Taken in 2018 **Respondent skipped this question**

Q39 Additional Corporate Greenspace Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q40 Corporate Greenspace Actions Proposed for 2019 **Respondent skipped this question**

Q41 Does your local government have urban forest policies, plans or programs? **Yes**

Page 7: SOLID WASTE ACTIONS

Q42 Community-Wide Solid Waste Actions Taken in 2018

1. **Work with Regional District on diverting waste from landfill, recycling, composting**

Q43 Additional Community-Wide Solid Waste Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

Q44 Community-Wide Solid Waste Actions Proposed for 2019

1. **Increased garbage user fees and garbage bag prices to not only cover increasing costs of providing service but also to defer refuse from the landfills**

2. **20 garbage bags issued with user fee, any others must be bought at an addition fee to encourage reduction of waste**

Q45 Corporate Solid Waste Actions Taken in 2018

1. **Council support for RDKB green waste/composting and staff participation where possible**

Q46 Additional Corporate Solid Waste Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q47 Corporate Solid Waste Actions Proposed for 2019

1. **Council support for RDKB green waste/composting and staff participation where possible**

Q48 Does your local government have construction and demolition waste reduction policies, plans or programs? **Yes**

Q49 Does your local government have organics reduction/diversion policies, plans or programs? **Yes**

Page 8: TRANSPORTATION ACTIONS

Q50 Community-Wide Transportation Actions Taken in 2018

1. **Davis Ave Bike Path constructed to give alternative to fossil fuel transportation**

Q51 Additional Community-Wide Transportation Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q52 Community-Wide Transportation Actions Proposed for 2019

1. **Planning for inter-community alternate transportation methods.**

2. **Creating a walkable community**

Q53 Corporate Transportation Actions Taken in 2018 **Respondent skipped this question**

Q54 Additional Corporate Transportation Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q55 Corporate Transportation - Actions Proposed for 2019

1. **Long-term capital asset planning to promote alternative forms of transportation.**

Q56 Does your local government have policies, plans or programs to support: **Walking,**
Cycling,
Transit Use,
Electric Vehicle Use

Q57 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**

Q58 Does your local government integrate its transportation and land use planning? **Yes**

Page 9: WATER AND WASTEWATER ACTIONS

Q59 Community-Wide Water and Wastewater Actions Taken in 2018

1. **Inflow and Infiltration study began to investigate the source of water collection into the wastewater treatment plant**

Q60 Additional Community-Wide Water and Wastewater Actions Taken in 2018(Optional - separate each reported action with a "\") **Respondent skipped this question**

Q61 Community-Wide Water and Wastewater Actions Proposed for 2019

1. **Continuation of the Inflow and Infiltration study began to investigate the source of water collection into the wastewater treatment plant**

Q62 Corporate Water and Wastewater Actions Taken in 2018

1. **Upgrades to the sewer treatment plant to improve the quality of water returned to the environment**
 2. **UV filtration system added to sewer treatment plant**
 3. **SCADA installation to improve monitoring of waste water**
 4. **SCADA upgrades to improve monitoring of water**
-

Q63 Additional Corporate Water and Wastewater Actions Taken in 2018 (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q64 Corporate Water and Wastewater Actions Proposed for 2019

1. **Continued upgrades to the sewer treatment plant to improve the quality of water returned to the environment**
2. **Replacement of the Water chlorine analyzer**
3. **Replacement of the water backwash tank**
4. **Replacement of the water balancing tank**

Q65 Does your local government have water conservation policies, plans or programs? **Yes**

Page 10: CLIMATE CHANGE ADAPTATION ACTIONS

Q66 Please identify the THREE climate impacts that are most relevant to your Local Government

Warmer winter temperatures reducing snowpack ,

Increased temperatures increasing wildfire activity ,

Extreme weather events contributing to urban and overland flooding

Q67 In 2018 has your local government addressed the impacts of a changing climate using any of the following?

Risk and Reduction Strategies ,

Emergency Response Planning ,

Infrastructure Upgrades (e.g. stormwater system upgrades) ,

Cross-Department Working Groups, Mapping, Partnerships, Asset Management

Q68 Climate Change Adaptation Actions Taken in 2018 Please elaborate on (as identified above or add new) key actions and/or partnerships your local government has engaged in to prepare for, and adapt to changing climate. Add links to key documents and information where appropriate.

1. **Improved storm water collection, construction in accordance with storm water master plan**
2. **I & I study solicited to investigate improved storm water management**

Q69 Climate Change Adaptation Actions Proposed for 2019

- | | |
|----|--|
| 1. | Asset management plan development |
| 2. | I & I study completion and action planning |
| 3. | Asset management policy development to ensure future assets meet climate change and adaptation needs. |

Q70 For more information please contact

Respondent skipped this question

Q71 The following are key resources that may be helpful to your local government in identifying climate impacts, as well as, strategies, actions and funding to deal with them. For those resources that you have used, please indicate whether they were useful in advancing your work in climate change adaptation.

| | |
|--|---------------------|
| Indicators of Climate Change for British Columbia | Haven't Used |
| Plan2Adapt | Haven't Used |
| Climate Projections for Metro Vancouver | Haven't Used |
| Climate Projections for the Capital Region | Haven't Used |
| Climate Projections for the Cowichan Valley Regional District | Haven't Used |
| Provinces of BC's BC Adapts Video Series | Haven't Used |
| Preparing for Climate Change: Implementation Guide for Local Governments | Useful |
| Public Infrastructure Engineering Vulnerability Committee (PIEVC) | Haven't Used |
| Sea Level Rise Adaptation Primer | Haven't Used |
| BC Regional Adaptation Collaborative Webinars | Haven't Used |
| Retooling for Climate Change | Haven't Used |
| Water Balance Model | Haven't Used |
| Water Conservation Calculator | Haven't Used |
| National Disaster Mitigation Program (NDMP) | Haven't Used |
| Community Emergency Preparedness Fund (CEPF) | Haven't Used |
| Municipalities for Climate Innovation Program (MCIP) | Useful |
| Climate Adaptation Partner Grants (FCM) | Useful |
| Infrastructure Planning Grants (MAH) | Useful |
| Federal Gas Tax Fund | Useful |

Page 11: OTHER CLIMATE ACTIONS

Q72 Community-Wide Other Actions Taken in 2018

Respondent skipped this question

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q73 Corporate Other Actions Taken in 2018 **Respondent skipped this question**

Q74 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)? **Yes**

Q75 Is your local government using the CLIC tool? **No**

Page 12: INNOVATION AND PEER LEARNING

Q76 Community-Wide Innovation Action **Respondent skipped this question**

Q77 Corporate Innovation Action **Respondent skipped this question**

Q78 For more information on actions described above contact **Respondent skipped this question**

Q79 Mitigation Programs, Partnerships and Funding

Bike BC grant program

Q80 Adaptation Programs, Partnerships and Funding **Respondent skipped this question**

Page 13: CARBON NEUTRAL REPORTING

Q81 Did your local government measure corporate GHG emissions for 2018? **Yes**

Q82 If your local government measured 2018 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)

106

Q83 If your local government measured 2018 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent) **Respondent skipped this question**

Q84 Total A: Corporate GHG emissions for 2018 (Direct GHGs + Contracted GHGs) **Respondent skipped this question**

Page 14: REPORTING REDUCTIONS AND OFFSETS

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q85 Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO₂e))

Respondent skipped this question

Q86 Solar Thermal(in tonnes of carbon dioxide equivalent (tCO₂e))

Respondent skipped this question

Q87 Household Organic Waste Composting(in tonnes of carbon dioxide equivalent (tCO₂e))

Respondent skipped this question

Q88 Low Emission Vehicles(in tonnes of carbon dioxide equivalent (tCO₂e))

Respondent skipped this question

Q89 Avoided Forest Conversion(in tonnes of carbon dioxide equivalent (tCO₂e))

Respondent skipped this question

Q90 Total B: Reductions from all Option 1 Projects for 2018

Respondent skipped this question

Q91 If applicable, please report the names and 2018 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO₂e)) being claimed from Option 2 GHG Reduction Projects

Respondent skipped this question

Q92 Total C: Reductions from all Option 2 Projects for 2018

Respondent skipped this question

Q93 If applicable, please report the name of offset provider, type of project and number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO₂e)) from an offset provider for the 2018 reporting year. Note: Please do not include funds that may be set aside in a climate action reserve fund.

Respondent skipped this question

Q94 Total D: Offsets purchased for 2018

0

Q95 TOTAL REDUCTIONS AND OFFSETS FOR 2018 (Total B+C+D)= tCO₂e

103

Q96 Corporate GHG Emissions balance for 2018 = (A- (B+C+D)) = tCO₂e

3

2018 CARIP Climate Action/Carbon Neutral Progress Survey

Q97 If your local government was carbon neutral in 2018, please record any emissions reductions you will be carrying over for future years and the source of the reductions, including the year they were earned (e.g. organics diversion, 2018 100 tCO₂e)

Respondent skipped this question

Q98 Balance of reductions eligible for carry over to the next year (tCO₂e)(total of emissions reductions identified above)

Respondent skipped this question

Q99 Does your local government set aside funds in a climate reserve fund or something similar?

Yes

Page 15: GREEN COMMUNITIES CLIMATE ACTION RECOGNITION PROGRAM

Q100 Based on your local government's 2018 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies

Level 1 - Demonstrating Progress on Charter Commitment

Q101 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 (e.g. project name)

Respondent skipped this question
