

#168

COMPLETE

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Page 2: LOCAL GOVERNMENT INFORMATION

Q1 Name of Local Government **Port Alberni, City of**

Q2 Name of member Regional District **Alberni-Clayoquot**

Q3 Regional Growth Strategy (RGS) in your region **No**

Q4 Population **10,000 - 49,999**

Q5 Submitted by:

Name **Cathy Rothwell**
Position **Director of Finance**
Email Address **cathy_rothwell@portalberni.ca**
Phone Number **2507202821**

Page 3: BROAD PLANNING ACTIONS

Q6 2017 Community-Wide Broad Planning Actions

1. **Solar garden project feasibility completed**
 2. **Active Transportation Plan - continued trail development, feasibility for All Abilities Access trails**
 3. **Organic waste program - continued study and plan with ACRD**
 4. **Food Security and Climate Disruption Committee recommendations incorporated into five year financial operations and capital plans**
 5. **Official Community Plan - densification, minimum lot sizes, secondary suites**
-

2017 CARIP Climate Action/Carbon Neutral Progress Survey

Q7 Additional 2017 Community-Wide Broad Planning
(Optional - separate each reported action with a "\")

Respondent skipped this question

Q8 Community-Wide Broad Planning - Actions Proposed for 2018

1. **Continued waste water separation**
2. **Continued sewage lagoon construction**
3. **All Abilities Access Path Construction**

Q9 2017 Corporate Broad Planning Actions

1. **Continued conservation based billing system for water, sewer and garbage**
2. **Oil to heat pump exchange program**
3. **Continued promotion of energy conservation**
4. **Active Transportation Plan elements implemented**

Q10 Additional 2017 Corporate Broad Planning Actions(Optional - separate each reported action with a "\")

Respondent skipped this question

Q11 Corporate Broad Planning - Actions Proposed for 2018

1. **Continue conservation plans for utilities and energy**
2. **Continued promotion of energy conservation**
3. **Continue Active Transportation Plan expansion and implementation**
4. **Continue alignment of strategic plan with financial plans and goals for cleaner air and water**
5. **Expanded water restrictions**

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

Annual decrease to reach carbon neutrality

Q13 Are you familiar with your community'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?

Community Energy and Emissions Plan ,

Integrated Community Sustainability Plan ,

Official Community Plan (OCP) ,

Do not have a plan ,

Other (please specify):

Environmental Sustainability Progress Report and Plan - the GHG reduction plan is incorporated

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

Yes

Page 4: BUILDING AND LIGHTING ACTIONS

Q16 2017 Community-Wide Building and Lighting Actions

1.

Continued installation of LED street lights

2.

Oil furnace/heat pump exchange program for residents

Q17 Additional Community-Wide Building and Lighting Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q18 Community-Wide Building and Lighting - Actions Proposed for 2018

1.

Woodstove/heat pump exchange program for residents

Q19 2017 Corporate Building and Lighting Actions

1.

Energy efficient building upgrades

2.

Transition to low emission heating and cooling systems

Q20 Additional 2017 Corporate Building and Lighting Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q21 Corporate Building and Lighting - Actions Proposed for 2018

- | | | |
|----|--|---|
| 1. | | Energy efficient building upgrades |
| 2. | | Energy efficient lighting in parks |
-

Q22 Is your local government aware of the BC Energy Step Code? **Yes**

Q23 Is your local government planning on implementing the BC Energy Step Code? **No**

Page 5: ENERGY GENERATION ACTIONS

Q24 2017 Community-Wide Energy Generation Actions

- | | | |
|----|--|---|
| 1. | | Solar garden project feasibility completed |
|----|--|---|
-

Q25 Additional 2017 Community-Wide Energy Generation Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q26 Community-Wide Energy Generation - Actions Proposed for 2018 **Respondent skipped this question**

Q27 2017 Corporate Energy Generation Actions **Respondent skipped this question**

Q28 Additional 2017 Corporate Energy Generation Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q29 Corporate Energy Generation - Actions Proposed for 2018 **Respondent skipped this question**

Q30 Is your local government developing or constructing... **None of the above**

Q31 Is your local government operating... **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 aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit? **Yes**

Q34 Are you familiar with the 2017 "List of Funding Opportunities for Clean Energy Projects Led by First Nations and Local Governments"? **Yes**

Page 6: GREENSPACE/NATURAL RESOURCE PROTECTION ACTIONS

Q35 2017 Community-Wide Greenspace Actions

- | | |
|----|---|
| 1. | Community-Wide Actions Taken in 2017 |
| 2. | Continued operations of Alberni Valley Community Forest under stewardship plan that models best practices in forestry operations |
| 3. | Regional fire department wildfire awareness and education |
| 4. | Acquisition of parkland |
| 5. | Sewage lagoon construction and estuary restoration |
-

Q36 Does your local government have policies, plans or programs to support local food production? **Yes**

Q37 Additional 2017 Community-Wide Greenspace Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q38 Community-Wide Greenspace - Actions Proposed for 2018

- | | |
|----|---|
| 1. | Continued operations of Alberni Valley Community Forest under stewardship plan that models best practices in forestry operations |
| 2. | Regional fire department wildfire awareness and education |
| 3. | Acquisition of parkland |
| 4. | Sewage lagoon construction and estuary restoration |
-

Q39 2017 Corporate Greenspace Actions

1. **Continued construction at Canal Waterfront Park and Millstone Park**
 2. **Trail development/habitat restoration in Roger Creek Park**
 3. **Continued development (water, gazebo, trees) at Canal Waterfront Park for active public participation**
-

Q40 Additional 2017 Corporate Greenspace Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q41 Corporate Greenspace - Actions Proposed for 2018

1. **Continued construction at Canal Waterfront Park and Millstone Park**
 2. **Rehabilitation of Gyro Recreation Park**
-

Q42 Does your local government have urban forest policies, plans or programs?

Yes

Page 7: SOLID WASTE ACTIONS

Q43 2017 Community-Wide Solid Waste Actions

1. **Continued discussions with ACRD for organics pickup and composting**
-

Q44 Additional 2017 Community-Wide Solid Waste Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q45 Community-Wide Solid Waste - Actions Proposed for 2018

1. **Continued discussions with ACRD for organics pickup and composting; plans to implement**
-

Q46 2017 Corporate Solid Waste Actions

1. **Continued implementation of Food Security and Climate Disruption Committee recommendations**
-

Q47 Additional 2017 Corporate Solid Waste Actions
(Optional - separate each reported action with a "\")

Respondent skipped this question

Q48 Corporate Solid Waste - Actions Proposed for 2018

1.

Continued implementation of Food Security and Climate Disruption Committee recommendations

Q49 Does your local government have construction and demolition waste reduction policies, plans or programs?

Yes

Q50 Does your local government have organics reduction/diversion policies, plans or programs?

Yes

Page 8: TRANSPORTATION ACTIONS

Q51 2017 Community-Wide Transportation Actions

1.

Painted bike lanes and sharrows

2.

Continued development of Active Transportation Plan

3.

Promotion of public transit

4.

Truck route consideration

Q52 Additional 2017 Community-Wide Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q53 Community-Wide Transportation- Actions Proposed for 2018

1.

Energy efficient/EV vehicle fleet replacements

Q54 2017 Corporate Transportation Actions

1.

Energy efficient/EV vehicle fleet replacements

Q55 Additional 2017 Corporate Transportation Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q56 Corporate Transportation - Actions Proposed for 2018

1.

Energy efficient/EV vehicle fleet replacements

Q57 Does your local government have policies, plans or programs to support:

Walking,
Cycling,
Transit,
Electric Vehicles

Q58 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)

Yes

Q59 Does your local government integrate its transportation and land use planning?

Yes

Page 9: WATER AND WASTEWATER

Q60 2017 Community-Wide Water and Wastewater Actions

1. **Continued construction of waste water treatment system**
2. **Incremental increase in water and sewer rates to fund infrastructure replacement**
3. **Separation of storm and sewer**
4. **Replacement of water meters**

Q61 Additional 2017 Community-Wide Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q62 Community-Wide Water and Wastewater - Actions Proposed for 2018

1. **Continued construction of waste water treatment system**
2. **Incremental increase in water and sewer rates to fund infrastructure replacement**
3. **Separation of storm and sewer**
4. **Continued replacement of water meters**

Q63 2017 Corporate Water and Wastewater Actions

1. **Watering restrictions**
2. **Promotion of conservation**

Q64 Additional 2017 Corporate Water and Wastewater Actions (Optional - separate each reported action with a "\")

Respondent skipped this question

Q65 Corporate Water and Wastewater - Actions Proposed for 2018

1. **Implement more stringent watering restrictions**
2. **Promotion of conservation**

Q66 Does your local government have water conservation policies, plans or programs?

Yes

Page 10: CLIMATE CHANGE ADAPTATION ACTIONS

Q67 Is your local government concerned about any of the following impacts from a changing climate? (Please check top three)

Warmer winter temperatures reducing snowpack ,

Increased temperatures affecting reducing air quality,

Other (please specify):

Increased temperatures increasing wildfire activity

Q68 In the last year has your local government addressed the impacts of a changing climate using any of the following?

- Risk and Vulnerability Assessments** ,
- Risk and Reduction Strategies** ,
- Emergency response planning** ,
- Natural/Eco asset management strategies, Infrastructure upgrades (e.g. stormwater system upgrades)** ,
- Beach Nourishment projects,**
- Economic diversification initiatives** ,
- Strategic and financial planning** ,
- Cross-department working groups,**
- OCP policy changes,**
- Changes to zoning and other bylaws and regulations** ,
- Incentives for property owners (e.g. reducing stormwater run-off)** ,
- Public education and awareness** ,
- Research,**
- Mapping,**
- Partnerships**

Q69 Climate Change Adaptation Actions Taken in 2017 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. **Watering restrictions**
2. **Continued conservation based billing**
3. **Outdoor burning ban**
4. **Public education, Food Security and Climate Disruption Committee**
5. **Oil to heat pump exchange program**

Q70 Climate Change Adaptation - Actions Proposed for 2018

1. **Watering restrictions**
 2. **Continued conservation based billing**
 3. **Outdoor burning ban**
 4. **Public education, Food Security and Climate Disruption Committee**
 5. **Woodstove to heat pump exchange program**
-

Q71 For more information please contact:

Respondent skipped this question

Q72 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. Are you familiar with any of these adaptation resources?

National Disaster Mitigation Program (NDMP) ,

Community Emergency Preparedness Fund (CEPF) ,

Municipalities for Climate Innovation Program (MCIP) ,

Federal Gas Tax Fund

2017 CARIP Climate Action/Carbon Neutral Progress Survey

Q73 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, 2016	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: An Implementation Guide for Local Governments	Haven't Used
The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol	Haven't Used
Sea Level Rise Primer	Haven't Used
BC Regional Adaptation Collaborative Webinars	Haven't Used
www.ReTooling.ca	Haven't Used
Water Balance Model	Haven't Used
Water Conservation Calculator	Haven't Used
National Disaster Mitigation Program (NDMP)	Useful
Community Emergency Preparedness Fund (CEPF)	Useful
Municipalities for Climate Innovation Program (MCIP)	Useful
Climate Adaptation Partner Grants (FCM)	Useful
Infrastructure Planning Grants (MAH)	Haven't Used
Federal Gas Tax Fund	Useful

Page 11: OTHER CLIMATE ACTIONS

Q74 2017 Community-Wide Other Actions **Respondent skipped this question**

Q75 2016 Corporate Other Actions **Respondent skipped this question**

Q76 Are you familiar with the Community Lifecycle Infrastructure Costing Tool (CLIC)? **Yes**

Q77 Have you used the CLIC? **No**

Page 12: INNOVATION AND PEER LEARNING

Q78 Community - Wide Innovation

Respondent skipped this question

Q79 Corporate Innovation

Respondent skipped this question

Q80 For more information on actions described above contact:

Respondent skipped this question

Q81 Mitigation Programs, Partnerships and Funding

BC Hydro
Province of BC
Trees Canada
UBCM
Gas Tax Strategic Priorities Fund
Gas Tax Community Works
Clean Wastewater Fund
MCIP

Q82 Adaptation Programs, Partnerships and Funding

Respondent skipped this question

Page 13: 2016 CARBON NEUTRAL REPORTING

Q83 Did you measure your local government's corporate GHG emissions in 2017? **Yes**

Q84 If your local government measured 2017 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) Please note that as a result of the BC Recycling Regulation, local governments are no longer required to account for greenhouse gas (GHG) emissions from vehicles, equipment and machinery required for the collection, transportation and diversion of packaging and printed paper, in their annual CARIP reports.

1934.1

Q85 If your local government measured 2017 corporate GHG emissions, please report the number of corporate GHG emissions from contracted services (in tonnes of carbon dioxide equivalent):

24.9

Q86 Total A: Corporate GHG emissions for 2017 (Direct GHGs + Contracted GHGs)

1959

Page 14: REPORTING REDUCTIONS AND OFFSETS

2017 CARIP Climate Action/Carbon Neutral Progress Survey

Q87 Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO2e)) **Respondent skipped this question**

Q88 Solar Thermal(in tonnes of carbon dioxide equivalent (tCO2e)) **Respondent skipped this question**

Q89 Household Organic Waste Composting(in tonnes of carbon dioxide equivalent (tCO2e)) **Respondent skipped this question**

Q90 Low Emission Vehicles(in tonnes of carbon dioxide equivalent (tCO2e)) **Respondent skipped this question**

Q91 Avoided Forest Conversion(in tonnes of carbon dioxide equivalent (tCO2e)) **Respondent skipped this question**

Q92 Total B: Reductions from all Option 1 Projects for 2017 **Respondent skipped this question**

Q93 If applicable, please report the names and 2017 GHG emissions reductions (in tonnes of carbon dioxide equivalent (tCO2e)) being claimed from Option 2 GHG Reduction Projects: **Respondent skipped this question**

Q94 Total C: Reductions from all Option 2 Projects for 2017 **Respondent skipped this question**

Q95 If applicable, please report the name of offset provider, type of project and the number of offsets purchased (in tonnes of carbon dioxide equivalent (tCO2e)) from an offset provider for the 2017 reporting year.Note: Please do not include funds set aside in a climate action reserve fund. **Respondent skipped this question**

Q96 Total D: Offsets purchased for 2017 **Respondent skipped this question**

Q97 TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D) **Respondent skipped this question**

Q98 Corporate GHG Emissions balance for 2017 = (A- (B+C+D) =

1959

Q99 If applicable, 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, 2017 100 tCO₂e).

Respondent skipped this question

Q100 Balance of reductions eligible for carry over to the next year (tCO₂e)(total of emissions reductions identified above)

Respondent skipped this question

Q101 Does your local government set aside funds in a climate reserve fund or something similar?

Yes

Page 15: RECOGNITION

Q102 Based on your local government's 2017 Climate Action/Carbon Neutral Progress Survey, please check the GCC Climate Action Recognition Program level that best applies:

Level 2 - Measuring GHG Emissions

Q103 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
