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**COMPLETE**

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## Page 2: LOCAL GOVERNMENT INFORMATION

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

**Q2 Name of member Regional District** Thompson-Nicola

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

**Q4 Population** 0 - 4,999

**Q5 Submitted by:**

**Name** Yoginder Bhalla  
**Position** CFO  
**Email Address** yoginder@ashcroftbc.ca  
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## Page 3: BROAD PLANNING ACTIONS

**Q6 2017 Community-Wide Broad Planning Actions**

1. **Progress on drafting new Official Community Plan with community feedback about environmental priorities. The current OCP has targets for greenhouse gas reductions and states that the village will reduce building and transportation CO2 emissions by 10% based on 2007 CEEI provincial report.**
2. **Managed Community Transit service and advertised availability.**
3. **Continued education on water conservation and implemented the new water conservation bylaw.**

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

The new OCP incorporates changes to land use planning with Smart Growth principles

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**Q8 Community-Wide Broad Planning - Actions Proposed for 2018**

1. **Continue to sustain Transit services despite increased cost pressures**
  2. **Continue water conservation education and incorporate new initiatives to inform and educate**
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**Q9 2017 Corporate Broad Planning Actions**

1. **Provided free of charge water conservation kits to residents. These kits include educational material, rain gauges and moisture meters.**
  2. **Successfully operated transit in partnership with Village of Clinton and BC Transit.**
  3. **Increased reporting of Greenhouse emissions to Council, integrating it with scheduled financial reporting.**
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**Q10 Additional 2017 Corporate Broad Planning Actions(Optional - separate each reported action with a "\")**

**Respondent skipped this question**

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**Q11 Corporate Broad Planning - Actions Proposed for 2018**

1. **Continue to track greenhouse emissions and retain Village carbon neutral designation**
  2. **Emphasise water conservation alongside the construction of the new water treatment plant.**
  3. **Increase carbon reporting, introducing tripple bottom line reporting to council.**
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**Q12 What is(are) your current GHG reduction target(s)?**

Reduce GHG emissions by 10% by 2020

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

**Yes**

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2017 CARIP Climate Action/Carbon Neutral Progress Survey

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

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

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Page 4: BUILDING AND LIGHTING ACTIONS

**Q16** 2017 Community-Wide Building and Lighting Actions **Respondent skipped this question**

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

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**Q18** Community-Wide Building and Lighting - Actions Proposed for 2018 **Respondent skipped this question**

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**Q19** 2017 Corporate Building and Lighting Actions

1. **Completed Arena lighting and heating upgrade project intalling LED lighting and more efficient heating.**
  2. **Completed museum upgrade project including lighting and heating upgrades.**
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**Q20** Additional 2017 Corporate Building and Lighting Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

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**Q21** Corporate Building and Lighting - Actions Proposed for 2018

1. **Incorporate PV into new water treatment plant**
  2. **Complete upgrades to Sewage Treatment Plant with higher efficiency equipment**
  3. **Install high power EV charging station at Village.**
- 

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

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

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Page 5: ENERGY GENERATION ACTIONS

**Q24** 2017 Community-Wide Energy Generation Actions **Respondent skipped this question**

**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

- |    |  |
|----|--|
| 1. | <b>Upkeep of PV facility at the Village Pool</b>                     |
| 2. | <b>Designed PV modules on the roof of new Water Treatment Plant.</b> |

**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

- |    |   |
|----|---|
| 1. | <b>Install PV generation on new Water Treatment Plant</b> |
|----|---|

**Q30** Is your local government developing or constructing... **A renewable energy system**

**Q31** Is your local government operating... **A renewable energy system**

**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. | <b>Supported Communities in Bloom with grants and support to enhance community gardens and spaces.</b> |
| 2. | <b>Supported Buy Local through grants and advertisements.</b>  |
- 

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

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

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**Q38** Community-Wide Greenspace - Actions Proposed for 2018

- |    |  |
|----|--|
| 1. | <b>Continue support for Communities in Bloom</b> |
| 2. | <b>Continue to support Buy Local programs.</b>   |
- 

**Q39** 2017 Corporate Greenspace Actions

- |    |   |
|----|---|
| 1. | <b>Maintained a number of parks and greenspaces in the village.</b> |
|----|---|
- 

**Q40** Additional 2017 Corporate Greenspace Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

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**Q41** Corporate Greenspace - Actions Proposed for 2018

- |    |   |
|----|---|
| 1. | <b>Continue to operate village parks and playgrounds.</b> |
|----|---|
- 

**Q42** Does your local government have urban forest policies, plans or programs? **No**

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Page 7: SOLID WASTE ACTIONS

**Q43** 2017 Community-Wide Solid Waste Actions

- |    |   |
|----|---|
| 1. | <b>Continued to work with TNRD to operate recycle service</b>   |
| 2. | <b>Promoted recycling in partnership with regional district</b> |
-

2017 CARIP Climate Action/Carbon Neutral Progress Survey

**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. Continue to promote recycling

**Q46** 2017 Corporate Solid Waste Actions

1. Operated as vendor of landfill eco-cards  
2. Spring cleanup changed to accomodate transfer station rules on recycled waste

**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. Continue to work with TNRD and transition to newly opening landfill

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

No

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

No

Page 8: TRANSPORTATION ACTIONS

**Q51** 2017 Community-Wide Transportation Actions

1. Promoted and managed local transit system

**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. Apply for grants and begin installation of EV station  
2. Consider fleet grants for EV for village

**Q54** 2017 Corporate Transportation Actions

1.	<b>Incorporated fleet fuel consumption in balanced scorecard for council. Thus enabling increased support and monitoring for purchase of EV.</b>
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**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.	<b>Look into fleet grants for purchase of EV once charging infrastructure in place.</b>
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**Q57** Does your local government have policies, plans or programs to support:

**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)

**No**

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

**No**

Page 9: WATER AND WASTEWATER

**Q60** 2017 Community-Wide Water and Wastewater Actions

1.	<b>Increasing water and sewer rates over a 5 year horizon to acheive self sufficiency in utilities</b>
2.	<b>Continued water conservation educaiton and communication program</b>
3.	<b>Continued to track and monitor water consumption</b>

**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. | <b>Continue water conservation education programs</b>   |
| 2. | <b>Continue to monitor and manage water consumption</b> |
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**Q63** 2017 Corporate Water and Wastewater Actions      **Respondent skipped this question**

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

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**Q65** Corporate Water and Wastewater - Actions Proposed for 2018

- |    |  |
|----|--|
| 1. | <b>New water treatment plant build out</b>               |
| 2. | <b>Monitoring and management of consumption</b>          |
| 3. | <b>Sewage treatment plant higher efficiency upgrades</b> |
- 

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

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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)

<b>Changes to temperature and precipitation causing seasonal drought</b>
,
<b>Extreme weather events contributing to urban and overland flooding</b>
,
Other (please specify):
Fires and fire risks increasing from warmer weather

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**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** ,
- Emergency response planning** ,
- Infrastructure upgrades (e.g. stormwater system upgrades)** ,
- Strategic and financial planning** ,
- OCP policy changes,**
- Public education and awareness** ,
- Partnerships**

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**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. **Further developing asset management plans to mitigate climate risk**
2. **Work on emergency response planning**

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**Q70** Climate Change Adaptation - Actions Proposed for 2018

1. **Increasing asset redundancies such as backup generation**
2. **Table top exercises for emergency planning and risk management**

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**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?

- Indicators of Climate Change for British Columbia, 2016** ,
  - Preparing for Climate Change: Implementation Guide** ,
  - Retooling Website,**
  - Water Balance Model,**
  - Community Emergency Preparedness Fund (CEPF)** ,
  - Municipalities for Climate Innovation Program (MCIP)** ,
  - Climate Adaptation Partner Grants (FCM),**
  - Infrastructure Planning Grants** ,  
**(MAH)**
  - 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	<b>Useful</b>
Plan2Adapt	<b>Not Useful</b>
Climate Projections for Metro Vancouver	<b>Not Useful</b>
Climate Projections for the Capital Region	<b>Not Useful</b>
Climate Projections for the Cowichan Valley Regional District	<b>Not Useful</b>
Provinces of BC's BC Adapts Video Series	<b>Haven't Used</b>
Preparing for Climate Change: An Implementation Guide for Local Governments	<b>Useful</b>
The Public Infrastructure and Engineering Vulnerability Committee's (PIEVC) protocol	<b>Haven't Used</b>
Sea Level Rise Primer	<b>Not Useful</b>
BC Regional Adaptation Collaborative Webinars	<b>Haven't Used</b>
www.ReTooling.ca	<b>Haven't Used</b>
Water Balance Model	<b>Haven't Used</b>
Water Conservation Calculator	<b>Haven't Used</b>
National Disaster Mitigation Program (NDMP)	<b>Haven't Used</b>
Community Emergency Preparedness Fund (CEPF)	<b>Useful</b>
Municipalities for Climate Innovation Program (MCIP)	<b>Haven't Used</b>
Climate Adaptation Partner Grants (FCM)	<b>Haven't Used</b>
Infrastructure Planning Grants (MAH)	<b>Haven't Used</b>
Federal Gas Tax Fund	<b>Useful</b>

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### Page 11: OTHER CLIMATE ACTIONS

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

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

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

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

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### Page 12: INNOVATION AND PEER LEARNING

2017 CARIP Climate Action/Carbon Neutral Progress Survey

**Q78** Community - Wide Innovation

Respondent skipped this question

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**Q79** Corporate Innovation

Respondent skipped this question

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**Q80** For more information on actions described above contact:

Respondent skipped this question

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**Q81** Mitigation Programs, Partnerships and Funding

Gas Tax Fund through Strategic Priorities Fund

/Interior Health Transit Collaboration

/New Building Canada Fund – Small Communities Fund Water Treatment Plant

/Clean Water and Wastewater Fund

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**Q82** Adaptation Programs, Partnerships and Funding

Respondent skipped this question

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Page 13: 2016 CARBON NEUTRAL REPORTING

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

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**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.

289.38

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**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):

17.06

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

306.44

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Page 14: REPORTING REDUCTIONS AND OFFSETS

**Q87** Energy Efficient Retrofits(in tonnes of carbon dioxide equivalent (tCO<sub>2</sub>e))

Respondent skipped this question

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2017 CARIP Climate Action/Carbon Neutral Progress Survey

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

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

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

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

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

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**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**

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

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**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.

Offset Provider Name	<b>Offsetters</b>
Offsets (tCO2e)	<b>306</b>

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**Q96** Total D: Offsets purchased for 2017

306

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**Q97** TOTAL REDUCTIONS AND OFFSETS FOR 2017 (Total B+C+D)

306

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

0

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2017 CARIP Climate Action/Carbon Neutral Progress Survey

**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 tCO<sub>2</sub>e).

**Respondent skipped this question**

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**Q100** Balance of reductions eligible for carry over to the next year (tCO<sub>2</sub>e)(total of emissions reductions identified above)

**Respondent skipped this question**

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

**No**

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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 4 - Achievement of Carbon Neutrality**

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**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**

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