

#114

COMPLETE

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Page 2: LOCAL GOVERNMENT INFORMATION

Q1 Name of Local Government **Regional District of Central Okanagan**

Q2 Name of member Regional District **Central Okanagan**

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

Q4 Population **100,000+**

Q5 Submitted by:

Name **David Komaike**
Position **Director of Engineering**
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Page 3: BROAD PLANNING ACTIONS

Q6 2017 Community-Wide Broad Planning Actions

1. **Regional Floodplain Management Plan and Orthophoto Mapping Program**
 2. **Participated in the Central Okanagan Air Quality Technical Committee.**
 3. **Participated in finalizing the Okanagan Regional Agricultural Adaptation Strategy**
 4. **20 Year Capital Asset Management and Renewal Plan**
 5. **Development of natural area trails in Regional Parks**
-

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. **Implementing the Regional Growth Strategy**
2. **Regional Floodplain Management Plan and Orthophoto Mapping Program**
3. **Continue with public events and programs related to environmental education**
4. **Completion of Updates to the Westside Regional Wastewater Treatment Plant**

Q9 2017 Corporate Broad Planning Actions

1. **Completion of Bellevue Creek Intake and Dike Improvements in Woodhaven Nature Conservancy.**

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. **Continuation of the Regional Plan Labs to address issues which cross municipal boundaries**
2. **Completion of Falcon Ridge Water System and Reservoir Upgrading**
3. **Completion of Westside Regional Wastewater Outfall Project**
4. **Continuation of Regional Growth Strategy Initiatives**
5. **Restoration of areas damaged by 2017 Floods**

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

33% reduction by 2020 from 2007 levels. 80% reduction by 2050 from 2007 levels

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

No

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

Official Community Plan (OCP) ,
Regional Growth Strategy

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

No

Page 4: BUILDING AND LIGHTING ACTIONS

Q16 2017 Community-Wide Building and Lighting Actions

- | | |
|----|--|
| 1. | Installation of LED lighting at Northwest Side Firehall |
| 2. | Completion of energy audit at the administration building to review option to reduce GHG emissions |
| 3. | Completion of building audits for various RDCO buildings with the goal of upgrading old mechanical systems to more energy efficient units |

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. | Installation of LED lighting at Joe Rich Firehall |
|----|--|

Q19 2017 Corporate Building and Lighting Actions

Respondent skipped this question

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. | Additional street light will now use LED fixtures |
|----|--|

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 **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

1. **Working with Regional Partners to investigate the feasibility of bio-gas generation using sewage sludge**

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. **Participate with the Water Stewardship Council, Okanagan Collaborative Conservation Program (OCCP), Mission Creek Restoration Initiative (MCRI) and Species and Ecosystems at Risk Local Government Working Group.**
2. **Take part in the implementation of the Bio-Diversity Conservation Strategy in conjunction with OCCP and partners including creation of an Action Team to further develop and test connectivity corridors identified through the University of BC Okanagan as part of the Planning for Ecosystem Connectivity in the RDCO project.**
3. **Ensure consistency among OCP/RLUB Development Permit Area provisions by updating Development Permit regulations and updating Hazardous Conditions Development Permit Area Mapping and Guidelines.**
4. **Completion of trail projects in Lebanon and Johns Family Regional Parks**
5. **Completion of property negotiations on the purchase and expansion of Regional Parkland.**

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. **Reconstruction of parks and park infrastructure damaged during 2017 Flood events.**

Q39 2017 Corporate Greenspace Actions

1. **Update park regulatory bylaw.**

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

Q41 Corporate Greenspace - Actions Proposed for 2018 **Respondent skipped this question**

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. **Hosting reuse events**
 2. **Composter sale, community cleanup, hazardous waste program**
 3. **Monitoring for mandatory recyclables in residential & commercial garbage going to landfill**
 4. **Enhancement of recycling education in the community**
 5. **Working with community groups on illegal dumping**
-

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. **Introduction of large/bulky item disposal services**
 2. **Final approval and adoption of new Solid Waste Management Plan**
-

Q46 2017 Corporate Solid Waste Actions

1. **Continue with recycling of paper, cardboard, plastic, etc... at KLO Building**
 2. **Continue with composting program at KLO Building**
-

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. **Final closure and monitoring of Westside Landfill**
-

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. | Continued participated in a sub-committee of the Sustainable Transportation Partnership Inter-municipal project and Central Okanagan Planning Study. |
| 2. | Continue to work with BC Transit to gauge community interest to increase service expansion in Ellison |

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. | Continued participated in the Sustainable Transportation Partnership Inter-municipal project |
| 2. | Final Board review of proposed changes to the BC Transit to Ellison community |

Q54 2017 Corporate Transportation Actions **Respondent skipped this question**

Q55 Additional 2017 Corporate Transportation Actions (Optional - separate each reported action with a "\") **Respondent skipped this question**

Q56 Corporate Transportation - Actions Proposed for 2018 **Respondent skipped this question**

Q57 Does your local government have policies, plans or programs to support: **Walking, Cycling, Transit**

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. | Three new reservoirs and 3 km of new pipe work installed. The new infrastructure will reduce system leakage and improve efficiency. |
| 2. | Source water control education and enforcement. This program will work with customers to ensure they are treating wastewater prior to discharging (wineries) and minimize the flushing of chemicals that can have negative impacts on the treatment process (industrial connections). |
| 3. | Monitoring and Evaluation framework of inter-regional indicators for tracking progress. Includes indicators such as water consumption per connection, water consumption per use, unaccounted for water, etc. |
| 4. | Installation of a Groundwater Monitoring well in Ellison in partnership with OBWB and MFLNRO. |
| 5. | Replacement of aging in-situ washroom facilities in Raymer Bay Regional Park to further protect the environment. |

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 **Respondent skipped this question**

Q63 2017 Corporate Water and Wastewater Actions **Respondent skipped this question**

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 **Respondent skipped this question**

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)

Changes to temperature and precipitation causing seasonal drought

,

Increased temperatures affecting reducing air quality,

Extreme weather events contributing to urban and overland flooding

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

Infrastructure upgrades (e.g. stormwater system upgrades)

,

OCP policy changes,

Public education and awareness

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.

Respondent skipped this question

Q70 Climate Change Adaptation - Actions Proposed for 2018

Respondent skipped this question

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?

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.

Climate Adaptation Partner Grants (FCM)	Useful
Infrastructure Planning Grants (MAH)	Useful
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

Okanagan Basin Water Board: Water Conservation and Quality Improvement Grant Program
Gas Tax – UBCM Community Works Fund
Ministry of Community, Sport and Cultural Development: Infrastructure Planning Grant Program

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.

614

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):

178

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

792

Page 14: REPORTING REDUCTIONS AND OFFSETS

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**

2017 CARIP Climate Action/Carbon Neutral Progress Survey

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) =

Respondent skipped this question

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?

No

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
