



Local Government Climate Action Program Survey Submission Report

Okanagan-Similkameen Regional District

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Question	Answer
1. Does your local government or Modern Treaty Nation have a climate action plan or strategy?	No, but we are currently undertaking one and it will be complete in the next year
2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions?	No, corporate GHG emissions are measured, but not made public
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	No, but we are intending to undertake a community GHG inventory in the next two years
4. Is your local government or Modern Treaty Nation tracking progress on its community-wide GHG reduction target?	No
4.e. If no, select all that apply:	"No, but we are planning to introduce a new target in the next two years"

5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings	Initiative: Undertook a step code consultation with the public. This was a necessary determinant to discover what public reception was to early adoption of step code in the region. This included educational sessions with builders, contractors, Energy Advisors and members of the public. _The step code outcome was a decision to introduce Mid Construction blower door test financial support in 2022 for those building new homes and introduce Step 3 across the Region. In line with the provincial timelines_ Created a Step Code instructional video. This 30 minute video shows techniques which can be used by builders to make their homes more air-tight and provides specific advice for building in the Okanagan climate. The Step Code instructional video has been seen by hundreds of people and was presented as part of a public engagement event. The video remains online as a lasting resource for people building homes to a Step Code 4 in the region. Completed 13 energy assessments on major corporate buildings to identify energy saving opportunities. The outcome of the 13 energy assessments on major corporate buildings to identify energy saving opportunities is to compile all viable energy efficiency projects into a full corporate energy plan in 2022. The Region has done two custom studies. These are detailed studies on Oliver Recreation Centre and the Waste Water Treatment Plant. Some of the identified actions have already been completed.
6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation	The RDOS began the process of fleet analysis to understand what types of vehicles might be suitable for electric vehicles in the future. This work involves monitoring the movements of our fleet in the aggregate and will involve a thorough analysis of the data once the mongering period has concluded. The Region has enhanced and upgraded trails which are popular cycling routes and destinations in the Region. The Region completed and electrified x2 level 3 EV charging positions in the Naramata area for public use. The Region prepared for the launch of a new transit service Route 70 Penticton/Kelowna and Route 11 West Bench. Outcome was the launch of the service January 3 2022. RDOS offered free transit for residents and visitors on Earth Day 2021.

7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community	Completed funding applications for Oliver organics cart collection. Completed funding applications for Oliver organics cart collection. The outcome was success and the new plant has begun construction. 2021 planting program took place, planting numerous trees in parks. Recycling wood from chipped evasive species was a significant piece of work to reduce the impact of evasive plants around Skaha lake. The RDOS did a Community clean-up event in 2021 called Pitch-in. Some of the events were led by the community and supported by the RDOS with some of it done completely through the RDOS. This initiative was done during volunteer week in April and included the communities of Okanagan Falls, West Bench and the Similkameen – While the RDOS assisted the communities of Naramata and Kaleden by providing bags and gloves. There were also 4 schools in the communities that participated. The RDOS commissioned a riparian wetland in support of the bird population of the OK falls area. This is in support of nutrient reduction from flowing to the Okanagan river and bird preservation programs simultaneously.
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8. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Climate Resilience	The Firesmart program held events in each of the Region's rural areas. this included - 16 FireSmart Community Events (each Electoral Area) and 6 Vegetation removal events RDOS E911 Radio towers - several of our radio towers for emergency communications have solar sites that rely on the sun to charge batteries and ensure that Fire Dispatch can communicate with rural fire departments. - Completed a pilot project to test Solar Batteries for the RDOS Mobile Emergency Operations Centre during the 2021 Wildfire Season. The Park Rill Creek, Horn Creek, and Kearns Creek watersheds were subject to freshet peaks driven by snowmelt from the contributing mountain, groundwater, and rainfall. During the freshet of 2018, this watershed saw extensive erosion due to high flows. In recent years, these watersheds have experienced extensive flooding, resulting in damage to homes, public infrastructure, property loss, and numerous evacuations. Once the RDOS Board approves, the study will include updated detailed floodplain and flood hazard maps, consequences associated with flooding, and identify mitigation measures. Flood maps include Climate Change ratings. Work was largely completed in 2021. Funding was provided by UBCM and NDMP, this project will be completed in the summer of 2022. - 2019 Similkameen River Flood Mapping was completed in 2021 - Developed updated flood maps - Design Magnitudes for 20-year, 200 years, 500 year return periods - The study will identify if homeowners live in a flood plain and provide response support. This document directly supported the EOC during the 2021 Atmospheric River event.
9. Which elements of your community's current official community plan (OCP) (or other relevant strategies, policies and/or plans) support the creation of more complete, compact communities?	The Area E Official Community Plan was updated in 2021 the plan has a compactness section and encourages cluster forms of development to reduce the amount of land impacted by residential growth. Where the permitted number of units is clustered on part of the site, protecting the remaining area in its natural state, or protecting adjacent important habitat. New OCPs for area G have begun and are proposing the same policy.
10. What actions has your local government or Modern Treaty Nation taken to increase community completeness and compactness since 2020 (e.g. urban containment boundary, increasing density by allowing secondary suites and laneway or carriage housing options)?	In March and April, the final 2021 Housing Needs Assessment Report was presented to and formally received by the City of Penticton, District of Summerland, and Village of Keremeos Councils, as well as the RDOS Board of Directors. The Housing Needs Assessment is an important supporting document for reviewing and updating the South Okanagan Regional Growth Strategy and during upcoming Official Community Plan reviews, as well as a key source of information for stakeholders, developers, First Nations and others involved in providing housing in the region.

11. What data would be most valuable to your local government or Modern Treaty Nation in decision-making related to the creation of complete, compact communities?	The Housing Needs Assessment Report is sufficient.
12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?	Regional Application for the 2022 UBCM (CEPF) Extreme Heat Planning Grant that includes the Regional District of Okanagan-Similkameen, District of Summerland, Town of Oliver, Town of Osoyoos, Village of Keremeos, Town of Princeton, Penticton Indian Band, Osoyoos Indian Band, Lower Similkameen Indian Band, and Upper Similkameen Indian Band (\$300,000). This money is for planning to manage extreme heat events better in the future.
13. Has a climate risk and vulnerability assessment (or similar assessment) been undertaken for your local government or Modern Treaty Nation?	No, but we are intending to undertake one in the next two years
14. What are the three most significant climate hazards faced by your jurisdiction	"Extreme heat and heat stress", "Wildfire", "Overland flooding", "Ecological, cultural and/or human health impacts (examples of cultural impacts include threats to identities, languages, and livelihoods; examples of ecological impacts include biodiversity loss, erosion, invasive species, ecosystem changes)", "Extreme cold, snow and ice", "Water shortage", "Coastal flooding, storm surge events and/or other coastal hazards", "Wind, rain, and other storm events"
15. Are you responding to this survey on behalf of a Modern Treaty Nation?	No
16. Based on the hazard you indicated as most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Indigenous peoples", "Racialized communities", "Newcomers to Canada (immigrants and refugees)", "People experiencing homelessness", "Seniors"
17. Based on the hazard you indicated as second most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Low-income households", "Seniors"

18. Based on the hazard you indicated as third most significant in question 14, as a local government, which groups are most exposed/vulnerable to the impacts of that climate hazard?	"Indigenous peoples"
19. Select the top three factors your local government or Modern Treaty Nation needs most to increase the capacity to adapt to climate impacts and build community resilience.	"More partnerships and collaboration across levels of government", "Increased staff knowledge, expertise and data specific to climate adaptation", "Increased staff capacity"
20. How does your local government or Modern Treaty Nation ensure equitable access to, and distribution of, climate action opportunities and benefits?	"There are no specific measures in place at this time to ensure equitable access to, and distribution of, opportunities and benefits"
21. Do the climate action plan(s) and priorities of your local government or Modern Treaty Nation align with the climate action plans and priorities of senior levels of government?	"Yes, we assess our plans and priorities for multilevel alignment"
22. Is your local government a signatory to the B.C. Climate Action Charter or a Modern Treaty Nation?	Yes
23. To demonstrate commitment to climate action, climate investments (i.e., matching funding or in-kind contributions) equivalent to 20% of the provincial funding received are required of local governments and Modern Treaty Nations. The intent is to show past, current, and future investments in climate action and create awareness and education.	"Staff time", "Climate or energy studies and/or assessments", "Climate or energy plans, policies and/or strategy development", "Climate resilient infrastructure and/or capital project(s)"
24. Please provide your (or survey primary contact's) first and last name.	Jeremy Dresner

25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.	Senior Energy Specialist
26. Please provide your (or survey primary contact's) business email address.	jdresner@rdos.bc.ca
27. Please provide your (or survey primary contact's) business phone number.	2504904382



Local Government Climate Action Program Attestation Form

Instructions for the Attestor:

1. Complete and sign this form by filling in the fields below.
2. Email the completed and signed form to LGCAP@gov.bc.ca.

I, the Chief Financial Officer, or equivalent position, of Regional District Okanagan Similkameen (name of local government) confirm the following:

1. That Local Government Climate Action Program funding has been, or will be, allocated to climate action.
2. That if funds are held in reserve, they will be spent by March 31, 2025.
3. That a completed and signed version of this form will be submitted by email to the Climate Action Secretariat, Ministry of Environment and Climate Change Strategy by July 29, 2022.
 - a. If council approval is required, it will be submitted no later than September 30, 2022.
4. That a completed and signed version of this form will be publicly posted by September 30, 2022.
5. That a completed and exported version of the program survey (submitted online) will be publicly posted by September 30, 2022.

Attested to by me at (name of local government) Regional District Okanagan Similkameen
on (date) July 14, 2022

Signature of Attestor:

Jim Zaffino

Printed Name of Attestor:

Jim Zaffino

Title or Profession of Attestor (i.e. Chief Financial Officer or equivalent position):

Manager of Finance

Telephone Number of Attestor:

250-490-4230

Email Address of Attestor:

JZaffino@rdos.bc.ca