



Local Government Climate Action Program Survey Submission Report

Grand Forks

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Question	Answer
1. Does your local government or Modern Treaty Nation have a climate action plan or strategy?	Yes
1.a. Indicate the date the plan was adopted.	2022-07-11
1.b. Include a link to the document (URL) or webpage.	www.grandforks.ca/ocp
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 not currently being measured, but we are currently undertaking one and it will be complete in the next year
3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?	We would like to undertake a community GHG inventory in the next few years, if financial and technical capacity are available
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, as our community emissions are not fully calculated"
5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings	N/A
6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation	<p>Initiative: Official Community Plan 2022 – Active Transportation Policies and Objectives (2021-2022)</p> <p>Goals:</p> <p>Support a broad spectrum of mobility options for all citizens, including seniors transportation, roads and sidewalks, public transit, and active transportation networks to ensure safe, affordable, and sustainable connectivity.</p> <p>Build on the current Trans-Canada Trail as a spine in the trail network. Improve the quality of trails and an associated more complete wayfinding system for orientation and to encourage further use. Expand the trail systems further into neighborhoods. Use flood protection infrastructure as part of the trails and mobility network.</p> <p>Implement policies and guidelines across all neighborhood land use areas and Development Permit Areas for improved connectivity for active transportation during every development.</p> <p>Specific active transportation policies in Road Transportation, Pathways and Trails, Parks, Open Space, and Recreation, and Infrastructure and Servicing sections.</p>

<p>7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community</p>	<p>Initiative: Natural Asset Initiative, park dedication and OCP policies (2017-2022)</p> <p>One of five first cohort communities in the Municipal Natural Asset Initiative; identified economic value of functional floodplains according to costs averted by avoiding floodplain encroachment.</p> <p>Completed Sensitive Ecosystem Inventory and included in the Riparian and Sensitive Ecosystem Development Permit Area in the 2022 OCP.</p> <p>2022 Official Community Plan policies that place a high priority on environmental land uses (floodplains, wetlands, woodlands and steep slopes), and Development Permit Area guidelines that limit development in areas of sensitive ecosystems, remnant forests and floodplains.</p> <p>Dedication of five new Protected Natural Area parks (Johnson Flats Wetland Nature Park, Grasslands Nature Park, Barbara Ann Park (riparian portion), Observation Mountain Nature Park, and Oxbow Nature Park), totalling 114 ha of the City land base of 1070 ha (10.6%)</p>
<p>8. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Climate Resilience</p>	<p>Initiative: Flood Risk Reduction Measures in the Flood Mitigation Program (2019-2024)</p> <p>Developed and sought funding for a comprehensive Flood Mitigation Program to identify and reduce flood hazards through non-structural flood mitigation (managed retreat, green infrastructure, and land use planning processes) and structural flood mitigation (diking, storm water and erosion protection projects).</p> <p>Completed new Flood Hazard Mapping (Community Emergency Preparedness Fund and Strategic Priorities Fund); new climate hydrological analysis, including a complete regional watershed hydrology model, for Flood Mitigation Program flood protection levels (Disaster Mitigation and Adaptation Fund [DMAF]); and contributed data towards Regional District of Kootenay Boundary Floodplain Mapping initiative (underway).</p> <p>Over 11 ha of highly vulnerable floodplain residential property (90 properties with 70 residences) removed from residential land use (completed) and restored to natural floodplain through dike removal and restoration, including a 4 ha off-channel fish habitat wetland that mitigates high flood flows (in progress); (DMAF, Province of BC and City funding)</p> <p>2022 OCP Development Permit Area that protects the 25-year floodway and constrains development in the unprotected 200-year floodplain (complete).</p> <p>New floodplain bylaw to implement the new flood construction level, setbacks and policies (in progress).</p>

<p>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?</p>	<p>Several of the Neighbourhood Policies prioritize investment in infrastructure and asset management according to long-term return on investment, which is highest in the downtown core and core neighbourhoods; retention and increase of walkable, grid-layout street networks. In addition, two policies speak specifically to community compactness:</p> <p>5.5.6: Prioritize fiscal sustainability through the maximization of existing infrastructure assets through: Redevelopment or infill of existing residential areas and/or the existing serviced areas and within Neighbourhood Nodes and Community Centers; and Seeking opportunities for the development of vacant and underutilized lands that can be serviced from adjacent or nearby services and infrastructure including water, sewer, storm water, and roads.</p> <p>5.5.7. Direct future growth and development to areas that can be efficiently serviced with municipal piped water and sewer services, with highest priority on infilling existing development areas where capacity is already available or minimal upgrades are required.</p>
<p>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)?</p>	<p>Development of the current Official Community Plan (2021-2022).</p>
<p>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?</p>	<p>Training, extension and continued development of the Community Lifecycle Investment Costing calculator; extension to decision makers with updated 'smart growth' or (better) 'Strong Towns' messaging.</p>
<p>12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?</p>	<p>The City has completed the acquisition of residential properties for restoration of those lands to natural floodplain. Erosion protection has been completed along critical sections of riverbank, and the construction of earth berm dikes, sheet pile walls and improvements to the storm water system are currently underway.</p>
<p>13. Has a climate risk and vulnerability assessment (or similar assessment) been undertaken for your local government or Modern Treaty Nation?</p>	<p>Yes</p>
<p>13.a. Please provide a link to the document (URL).</p>	<p>Current version is unpublished through the Regional District of Kootenay Boundary.</p>

14. What are the three most significant climate hazards faced by your jurisdiction	"Wildfire", "Overland flooding", "Extreme heat and heat stress", "Extreme cold, snow and ice", "Water shortage", "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)", "Wind, rain, and other storm events", "Coastal flooding, storm surge events and/or other coastal hazards"
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", "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", "People experiencing homelessness", "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?	"Low-income households", "People experiencing homelessness", "Seniors"
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.	"Increased funding", "More community engagement and activation", "Political support and direction"
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 align climate action plan(s) and priorities with the federal 2030 Emissions Reduction Plan", "Yes, we align climate action plan(s) and priorities with the provincial CleanBC Roadmap to 2030", "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 resilient infrastructure and/or capital project(s)"
24. Please provide your (or survey primary contact's) first and last name.	Juliette Rhodes
25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.	Chief Financial Officer
27. Please provide your (or survey primary contact's) business phone number.	2504428266



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 the City of Grand Forks (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) Grand Forks, BC
on (date) July 19, 2022

Signature of Attestor:
Juliette Rhodes

Digitally signed by Juliette Rhodes
Date: 2022.07.19 11:08:59 -0700

Printed Name of Attestor:
Juliette Rhodes

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

Telephone Number of Attestor:
(250) 442-8266

Email Address of Attestor:
jrhodes@grandforks.ca