



## Local Government Climate Action Program Survey Submission Report

### Mount Waddington Regional District

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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.   | Embedded in the Regional Plan, Adopted, 2015  |
| 1.b. Include a link to the document (URL) or webpage.  | <a href="http://www.rdmw.bc.ca/media/Regional%20Plan%20Bylaw%20No.%20890(1).pdf">http://www.rdmw.bc.ca/media/Regional%20Plan%20Bylaw%20No.%20890(1).pdf</a>                       |
| 2. For the calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose corporate greenhouse gas (GHG) emissions? | Yes   |
| 2.a. Include a link to the document (URL) or webpage where it is disclosed.  | <a href="http://www.rdmw.bc.ca/media/2022%2003%2008%20Carbon%20Summary%20Report%202021.pdf">http://www.rdmw.bc.ca/media/2022%2003%2008%20Carbon%20Summary%20Report%202021.pdf</a> |
| 2.b. Report emissions based on Services Delivered Directly (in tCO <sub>2</sub> e).  | 57  |

|   |   |
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| 2.c. Report emissions based on Contracted Services (in tCO2e).  | 40  |
| 2.d. Report emissions based on Total Corporate Emissions (in tCO2e).  | 97  |
| 3. For calendar year 2021, did your local government or Modern Treaty Nation measure and publicly disclose a community-wide emissions inventory?          | No, community GHG emissions are not measured, but an inventory is in development and will be complete in the next year  |
| 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      | <p>Initiative: Facilitation of Heat pump conversions to reduce household heating costs. Collaborate with Ecotrust Canada to make Clean BC programs available in Region</p> <p>Outcomes: About 150 conversions in 2020/21; 200 more this year for total reduction~1200 tonnes</p>  |
| 6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation | <p>Initiative: Regional Transit system since 2009;<br/>Outcomes: 25-30,000 annual use. No longer require a car. Perhaps 200 tonnes net reduction</p> <p>Initiative: Green Bike Program in Malcolm I, since 2014. 14 free bikes available.<br/>Outcomes: Tourists can do day trips without the need to bring over vehicles. ~1 tonne reduction</p> <p>Initiative: 1st EV &amp; public charging station in 2012; Reg EV Charging network in 2017: 8 stations, now<br/>Outcomes: Facilitated early adoption of EVs in region. Direct Impact~ 20 tonnes reduction</p> |

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| <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: Composting &amp; Biocover project at Regional Landfill with Carbon Credit sharing protocol with Municipalities &amp; First Nations. Waste wood is composted with biosolids from secondary sewage treatment plants and, instead of landfilling, is used as a biocover on the landfill to further reduce emissions. Since 2012. Outcomes: About 1400 to 1800 tonnes annual CO2 reduction. Lower operating cost compared to either landfilling or recycling.</p> <p>Initiative: Chilton Arena Heat Loop: heat from the ice plant sent to nearby high school with connection to Port McNeill swimming pool. Outcomes: 95% reduction in CO2 emissions at arena (~73 tonnes); annual savings of ~\$80,000 in 2021 compared to 2011 baseline.</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: Implementation of emergency solar/battery back up systems at 4 firehalls &amp; Regional EOC, including linkages for EV chargers at 3 sites. Outcomes: Ensures that all Regional District emergency services are able to be fully functional immediately during power outage with no emissions. Also set up to continue to power EVs which will otherwise have limited utility during extended outages.</p> <p>Initiative: Pilot &amp; roll-out of battery electric instant on systems for all sewage lift stations in 3 communities. Outcomes: Coal Harbor pilot worked seamlessly during many outages (longest over 48 hours) since commissioning in July 2021. Will eliminate the use of fossil fuel generators for this purpose and help prevent sewage overflows and or flush outs ensuring less pollution and health hazards during extended outages.</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>We have 6 local community Plans, with a variety of measures taken in each to improve connectedness and improve compactness.</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>Trail building in Woss, Boardwalk in Winter Harbour.</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>Round count surveys that showed also showed how many occupants in vehicles.</p>  |

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| 12. From 2021 to now, has your local government or Modern Treaty Nation taken any action(s) to address climate impacts?   | Please see initiatives and outcomes listed to answers for: 5 6, 7, 8  |
| 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  | "Wind, rain, and other storm events", "Coastal flooding, storm surge events and/or other coastal hazards", "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)", "Overland flooding", "Water shortage", "Wildfire", "Extreme heat and heat stress", "Extreme cold, snow and ice" |
| 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?        | "affects everyone in the region"  |
| 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? | "affects everyone in the region"  |
| 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?  | "affects everyone in the region"  |
| 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", "Political support and direction"  |

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| 20. How does your local government or Modern Treaty Nation ensure equitable access to, and distribution of, climate action opportunities and benefits?   | "We include our entire population, including all the above"  |
| 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", "Yes, we collaborate with other communities to align with climate action plans and priorities of senior levels of government" |
| 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. | "many other projects", "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)"<br><br>RDMW Funds local service climate action from gas tax funds. Regional or pilot projects are also funded from a climate action fund.  |
| 24. Please provide your (or survey primary contact's) first and last name.   | Greg Fletcher  |
| 25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation.  | Chief Administrative Officer   |
| 26. Please provide your (or survey primary contact's) business email address.  | gfletcher@rdmw.bc.ca   |
| 27. Please provide your (or survey primary contact's) business phone number.   | 2509563301   |



## 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](mailto:LGCAP@gov.bc.ca).

I, the Chief Financial Officer, or equivalent position, of The Regional District of Mount Waddington  
(name of local government) confirm the following: (RDMW)

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 the end of March 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) the RDMW Office at 2044 McNeill Road, Port McNeill  
on (date) June 21 20 22

Signature of Attestor:

Printed Name of Attestor:

Greg Fletcher

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

Chief Administrative Officer

Telephone Number of Attestor: 250-956-3301

Email Address of Attestor: gfletcher@rdmw.bc.ca

**Ministry of Environment and  
Climate Change Strategy**

Climate Partnerships and  
Engagement Branch

Climate Action Secretariat

Mailing Address:  
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Stn Prov Govt  
Victoria BC V8W 9W6

Email: [env.mail@gov.bc.ca](mailto:env.mail@gov.bc.ca)

Website:

[http://www2.gov.bc.ca/gov/content/  
environment/climate-change](http://www2.gov.bc.ca/gov/content/environment/climate-change)



# REGIONAL DISTRICT OF MOUNT WADDINGTON 2021 CLIMATE ACTION SUMMARY REPORT



March 10, 2022

## Highlights:

- Operational emissions increased 6% from 2020; down **50%** vs since 2011, to **97 tonnes CO<sub>2</sub>e**
- Total energy use decreased 1% from 2020; Hydro use was down 4% while fossil fuel use increased 6%, most of this increase was from extra fuel for recreation services still using propane as a heat source
- Since 2011, energy consumption is down 31% from all sources: 47% for fossil fuels, 19% for hydro
- The average unit cost per GWh of all forms of energy for the RDMW has increased 62% since 2011
- In 2021, direct savings from GHG/energy efficiency measures were approximately \$108,000 compared to 2011
- All remaining CO<sub>2</sub>e operational emissions will be offset by the 7 Mile Biocover and composting projects

