



Local Government Climate Action Program Survey Submission Report

Langley, City of

Report generated on Thursday, July 07, 2022 10:24 PST

| 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. | May 31, 2010 |
| 1.b. Include a link to the document (URL) or webpage. | https://city.langley.bc.ca/business-development/sustainability |
| 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. | https://city.langley.bc.ca/business-development/sustainability |
| 2.b. Report emissions based on Services Delivered Directly (in tCO ₂ e). | 669.4 |

| | |
|--|---|
| 2.c. Report emissions based on Contracted Services (in tCO2e). | 63.6 |
| 2.d. Report emissions based on Total Corporate Emissions (in tCO2e). | 733 |
| 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? | Yes |
| 4.a. Please provide your reduction target(s). | 45% reduction by 2030; Carbon Neutral by 2050 (OCP Policy 5.3) |
| 4.b. Please provide the target year. | 2030 & 2050 |
| 4.c. Please provide the baseline year. | 2010 |
| 4.d. Please provide the link(s) to the document(s) or website if available. | https://langleycity.ca/sites/default/files/uploads/OCP/Official%20Community%20Plan%20Bylaw_R.pdf |
| 5. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Buildings | o New Subdivision & Development Servicing Bylaw adopted in 2021 includes updated stormwater management requirements <input checked="" type="checkbox"/> Outcomes: A heavy emphasis has been placed on on-site stormwater retention |

| | |
|--|---|
| <p>6. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Transportation</p> | <ul style="list-style-type: none"> o Reduced parking requirements, especially near future SkyTrain stations, are being proposed for the new Zoning Bylaw currently in development and are already used in practice on virtually all development applications through staff-supported variances ☑ Outcomes: Reduced parking requirements have allowed for greater densities to be provided, a reduction in required construction materials and emissions, and encouraged more sustainable forms of transportation o New Design Criteria Manual adopted in 2021 establishes standard cross-sections with bicycle lanes and widened sidewalks ☑ Outcomes: Street upgrades and road dedication requirements now accommodate enhanced walking and cycling infrastructure which will encourage the use of these modes o Protected bike lanes have been built on two roads (208 Street and Glover Road) ☑ Outcomes: Expanding the City’s protected bike lane network has made it more convenient for people of all ages and abilities to travel by bicycle o Electric Vehicle parking requirements are being proposed for the new Zoning Bylaw and currently being requested, and received, on a voluntary basis ☑ Outcomes: More EV parking stalls being provided supports the adoption of zero-emission vehicles |
| <p>7. Describe up to four climate initiatives, and their outcomes, your local government or Modern Treaty Nation is currently undertaking for Community</p> | <ul style="list-style-type: none"> o A new OCP was adopted in 2021 and a new Zoning Bylaw is now in development to allow for increased densities throughout the City, based heavily on proximity to transit, including future SkyTrain stations as well as frequent bus service ☑ Outcomes: Increased allowable density in the OCP has increased the density of rezoning applications being received and approved, which enables more sustainable buildings, a more efficient use of land, and supports sustainable modes of transportation by increasing the number of people in walking distance to services and transit, especially given the distribution of this density o The new Design Criteria Manual adopted in 2021 includes plant strips on every cross-section ☑ Outcomes: Street upgrades and road dedication requirements now accommodate plant strips (for boulevards and trees) on all streets |
| <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> | <ul style="list-style-type: none"> o Prepare new Parks, Recreation & Culture Master Plan ☑ Outcomes: Plan for additional green spaces, enhanced tree canopy, more extensive and more sustainable recreation facilities |

| | |
|---|---|
| <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>Increased permitted densities (including minimum densities near future SkyTrain stations), reduced parking requirements, new commercial nodes in residential neighbourhoods, improving pedestrian and cycling connectivity, EV parking requirements, requiring commercial ground floors in select areas, incentivizing office development, child care space in more zones, increasing supply of land designated for mixed uses, new public open spaces and civic facilities to be secured through development</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>Consistently supported applications with increased densities, including supporting variances on height, setbacks, and parking requirements and supporting CD Zones, required new pedestrian/cycling connections as part of relevant development applications, worked with development applicants to increase the densities of their proposals, required commercial ground floors in select areas</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>Parking usage data, data on benefits of densification (agricultural/natural areas preserved, GHG emission comparison, affordability, tax implications)</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>Action: Encourage green roof treatments consistent with OCP design guidelines in new developments Outcome: Reduce urban heat island effect, moderate storm drainage flows, improve building insulation</p> <p>Action: Incorporate new rainfall intensity standard in engineering Design Criteria Manual Outcome: Improve stormwater management for anticipated climate change effects</p> <p>Action: Incorporate enhanced tree protection measures in Subdivision and Development Servicing Bylaw Outcome: Improve protection of existing tree canopy to moderate temperatures and contribute to carbon sequestration</p> <p>Action: Incorporate parking lot shade requirements in proposed new Zoning Bylaw Outcome: Reduce urban heat island effect, reduce automobile energy usage (for air conditioning)</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>No, but we are intending to undertake one in the next two years</p> |

| | |
|---|---|
| 14. What are the three most significant climate hazards faced by your jurisdiction | "Extreme heat and heat stress", "Wind, rain, and other storm events", "Overland flooding", "Coastal flooding, storm surge events and/or other coastal hazards", "Water shortage", "Extreme cold, snow and ice", "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)", "Wildfire" |
| 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", "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? | "People experiencing homelessness" |
| 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" |
| 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 partnerships and collaboration across levels of government", "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", "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. | "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. | Roy Beddow |
| 25. Please indicate your (or survey primary contact's) position with your local government or Modern Treaty Nation. | Deputy Director of Development Services |



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 City of Langley (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) City of Langley
on (date) July 8, 2022

Signature of Attestor:

Printed Name of Attestor:
Graham Flack

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

Telephone Number of Attestor:
604-514-2826

Email Address of Attestor:
gdflack@langleycity.ca