



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

**CLIMATE ACTION COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON WEDNESDAY, JUNE 23, 2021 at 7:00 PM
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY
AND VIA ZOOM VIDEO CONFERENCE**

TO JOIN THE MEETING, CLICK HERE: <https://us02web.zoom.us/j/89698705363>
TO JOIN VIA PHONE, DIAL 778-907-2071 AND ENTER MEETING ID 896 9870 5363

AGENDA

1. **Call to Order**
2. **Appointment of Recorder**
3. **Approval of the Agenda**
THAT the agenda be adopted as submitted.
4. **Public Questions & Comments**
5. **Approval of Minutes**
 - A. Minutes from the June 2, 2021 Climate Action Committee Meeting (Page 4)
THAT the June 2, 2021 Climate Action Committee Minutes be approved, as circulated.
6. **Business Arising from the Minutes**
 - A. Outcome of Committee Recommendations to Council from June 15, 2021 Regular Council Meeting – For Information
Council passed the following resolution:
THAT the Climate Action Committee recommends to Council THAT Council supports the Help Cities Lead campaign and THAT Council directs staff to provide a letter of endorsement on behalf of Council for the campaign.
 - B. Complete discussion around EV charging strategy
 - i. CAC to provide shovel ready design of a DC fast charger in line with scope outlined in “Information Report EV Update” presented at the June 2nd CAC meeting.
 - ii. CAC to discuss providing direction for a comprehensive level 2 charging strategy based on current ZEVIP grant stream – ie. 20 level 2 chargers throughout the village

Agenda – Climate Action Committee Meeting – June 2, 2021

Village of Lions Bay

Page 2 of 3

- iii. CAC to discuss providing direction for a level 2 charging strategy that could work within the existing budget of ~25,000 with support from the current CleanBC Go Electric grants.
- iv. Greg Weary – Fire Smart Information (**Page 9**)
- v. Ruth Simons – Federal Grant – retrofits (**Page 10**)

7. Unfinished Business

- C. OCP Amendment and Associated Targets –
- D. Resident Survey –
- E. Climate Action Plan – On hold
- F. G. Weary: Natural Asset Inventory – information report
- G. Climate Action Tool Kit –
- H. C. George: Renewable Diesel Fuel use by Works Yard – Renewable diesel information requested from staff – next steps towards feasibility of adoption
- I. Transfer Station – materials WCS will not pick up
- J. Solar panel on Municipal buildings – Jon to get an estimate from an expert
- K. EV charger initiative and status – information report attached
- L. Food truck power – Application for food trucks has been developed, which requires food truck to outline how they plan to mitigate impacts.
- M. Beach Event power
- N. Baseline Village data – GHG baseline data report from staff attached (presented at the May 25, 2021 regular Council meeting)
- O. Village actions to date – same as above
- P. Small community energy efficiency upgrade grant/loans
- Q. Infrastructure improvements
- R. Communication/Education

Agenda – Climate Action Committee Meeting – June 2, 2021

Village of Lions Bay

Page 3 of 3

- S. Finance/Funding

- 8. New Business**
 - T. J. Povill report on Socio-hydrology of “artificial glaciers” in Ladakh, India

- 9. Correspondence**
 - i. T. Brandvold – For Information
 - ii. MP Weiler re: Green and Inclusive Community Buildings Program – For Information
 - iii. Forest Enhancement Society of BC Update – For Information
 - iv. Sierra Club re: Invitation to webinar “Intact Forests, Safe Communities” June 9th

- 10. Public Questions & Comments**
- 11. Adjournment**
- 12. Next Meeting - TBD**



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

**CLIMATE ACTION COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON WEDNESDAY, JUNE 2, 2021 at 7:00 PM
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY
AND VIA ZOOM VIDEO CONFERENCE**

MINUTES

In Attendance: Christina Lee, Norman Barmeier, Greg Weary, Jaime Cunliffe, Rebecca Loco Mayo, Ruth Simons, Jon Povill

Regrets: Clara George

Committee:

Staff: Peter DeJong

Delegations: 0

Public: 0

1. Call to Order

Councillor Cunliffe called the meeting to order at 7:03 p.m.

2. Appointment of Recorder

Councillor Barmeier was appointed as the recorder.

3. Approval of the Agenda

Moved/Seconded

THAT the agenda be adopted as submitted.

[CARRIED]

4. Public Questions & Comments

None

5. Approval of Minutes

A. Minutes from the May 13, 2021 Climate Action Committee Meeting

Moved/Seconded

THAT the May 13, 2021 Climate Action Committee Minutes be approved, as circulated.

[CARRIED?]

6. Business Arising from the Minutes

Discussion ensued around clarification of the anti-idling bylaw and clean air day.

Discussion with respect to action on next steps for diesel, CAC inventory from staff would be good starting point. RS to comb through assent management report to get baseline inventory of ICE equipment.

Result of Help Cities lead campaign. Letter sample to be provided to council and some guidance on hidden costs associated with endorsing the program.

Discussion on GHG report ensued. Seems a lot has been done:

Waste diversion goals; use stats on page 95 to determine baseline.

Transit improvements, could get data from transit authority.

Community hall needs more information to establish baseline; grants available to improve. CAC could pull application together. **RS and CL to lead.**

Discussion on education piece for application process on home energy improvement grant.

Has an energy audit been done on municipal assets?

Discussion on 9.3 (page 5) of report around building bylaw update. Need more information on zoning bylaw. Can oil furnaces be grandfathered? 150 homes found to be on oil in 2009. How many homes on oil now? How many homes have been renovated since 2009? **RLM suggested we get baseline data organizes to answer there questions.**

EV adoption statistics should be added to baseline data.

Climate adaptation should be addressed in revised DPAs.

CAC to ask for update on DPA process.

Did we get any grants for firesmart? Comments around forest and fire management.

GW to present on natural assets. What's going on in Lions Bay? Concerned climate change is having an effect on Lions Bay watershed. Discussion on values of watershed. Wildfires a significant threat to the Village. How do we address and increase wild fire awareness for visitors to our watershed? Forrest treatments. **Look into grants to train firefighters to become wildfire certified.** Look into working with SME to protect watershed. Firesmart criteria should be rolled into updated DPAs and building bylaws. May 22 wild fire at Porteau Cove took 6 days to put out. Lions Bay resident have been know to put out visitors pit fires. Copy of DPA draft is available on village website. JP suggested an arson watch be investigated. GW will circulate additional fire smart information. Solar panels can protect your house from embers – could help fight off wild fires. Fire services point out that cedar shakes are not fire smart. Sprinklers on roof compete with fire fighting efforts. **Education piece on home set up from GW.** Theme for CAC could be improved firesmart education. Destination BC tourism strategy council has mandate to improve smart travel and responsible tourism to help mitigate wild fires.

Meeting extended to 8:15

Transfer station update; Recycle BC program to get \$/weight of recycle goods. Revenue goes back into village operating costs. Other recyclable could be managed in a gate controlled area with volunteers to manage “mini transfer station” Some skepticism around security was expressed.

Solar panel update report in progress.

EV information report discussion initiated. Information on Britannia Beach EV infrastructure discussed.

7. Unfinished Business

- C. OCP Amendment and Associated Targets –
- D. Resident Survey –
- E. Climate Action Plan – On hold
- F. G. Weary: Natural Asset Inventory – information report
- G. Climate Action Tool Kit –

Agenda – Climate Action Committee Meeting – June 2, 2021

Village of Lions Bay

Page 4 of 5

- H. C. George: Renewable Diesel Fuel use by Works Yard – Renewable diesel information requested from staff – next steps towards feasibility of adoption
 - I. Transfer Station – materials WCS will not pick up
 - J. Solar panel on Municipal buildings – Jon to get an estimate from an expert
 - K. EV charger initiative and status – information report attached
 - L. Food truck power – Application for food trucks has been developed, which requires food truck to outline how they plan to mitigate impacts.
 - M. Beach Event power
 - N. Baseline Village data – GHG baseline data report from staff attached (presented at the May 25, 2021 regular Council meeting)
 - O. Village actions to date – same as above
 - P. Small community energy efficiency upgrade grant/loans
 - Q. Infrastructure improvements
 - R. Communication/Education
 - S. Finance/Funding
- 8. New Business**
- T. J. Povill report on Socio-hydrology of “artificial glaciers” in Ladakh, India
- 9. Correspondence**
- i) T. Brandvold – For Information
 - ii) MP Weiler re: Green and Inclusive Community Buildings Program – For Information
 - iii) Forest Enhancement Society of BC Update – For Information

Moved/Seconded

THAT JC to follow up and respond to correspondence

CARRIED

- iv) Sierra Club re: Invitation to webinar “Intact Forests, Safe Communities” June 9th

10. Public Questions & Comments

Agenda – Climate Action Committee Meeting – June 2, 2021

Village of Lions Bay

Page 5 of 5

NONE

11. Adjournment

12.

Moved/Seconded

THAT the meeting be adjourned

[CARRIED]

The meeting was adjourned at 8:30 p.m.

13. Next Meeting – TBD

Date Approved by Committee: June 23rd 7pm

DRAFT

Subject: increasing Wild Fire awareness in Lions Bay.

TO: Lions Bay Council & CAC.

RE: Increasing Wild Fire awareness in Lions Bay.

The Blackwell report commissioned by the village in 2007 found that Lions Bay is at HIGH risk in the event of a Wild Fire in our Watershed.

The BC Wild Fire Service and emerging Climate Science predict that this risk will increase due to climate change; and this summer may be hotter than usual.

Because our forested watershed is - by far - Lions Bay's most important natural asset; I respectfully request that council remind Village residents of the need for increased Wild Fire awareness as soon as the BC Wild Fire Service "Wild Fire Rating" for our Municipality becomes Moderate or High.

The reminder should include information on how to report any sign of smoke, camp fires or Wild Fires in the vicinity of the Village, using the following contacts:

- Emergency phone numbers - *5555 and 1-800-663-5555
- The link to the BCWF APP. (<https://youtu.be/Pealaybl59s>)

Thank you for considering this suggestion.

Yours truly,
Greg Weary

██████████ Rd.

cc: CAC

Subject: Federal grant opportunity

Hi CAC,
I have read through the Federal grant opportunity to retrofit the energy systems for the Community Hall. The intention is to eliminate the need to use the oil furnace and, reduce the electricity costs, and of course, reduce GHG emissions. I could contact Dave Butler to find out what, if any, study was conducted on alternatives at the time the hall was upgraded as a free first step.

The overall project would need to be a minimum \$100,000, (small retrofit). Structural renovations not specific to the project are not covered so this is where other funds would need to be found if needed.
There was much debate at the time as to the soundness of the entire structure in the event of an earthquake, but this would be out of scope.

Overview:

Green and Inclusive Community Buildings program

aims to build more community buildings and improve existing ones – in particular in areas with populations experiencing higher needs – while also making the buildings more energy-efficient, lower carbon, more resilient, and higher performing.

The GICB program is part of Canada's strengthened climate plan, which was introduced in December 2020 as the Healthy Environment and a Healthy Economy. The program will support the first pillar of the plan by **improving the places where Canadians live and gather – which will cut pollution, make life more affordable and create thousands of good jobs in construction.**

will support **green and accessible retrofits**, repairs or **upgrades of existing public community buildings**. Retrofits are **changes to an existing building** that seek to renovate, upgrade, or repair aspects of the building in a manner that **improves environmental outcomes**. Retrofits must be to a facility that is accessible to the public and that provides non-commercial services to the community, such as **community centres**, public sports and recreational facilities.....

Infrastructure Canada invites **municipal or regional governments**, public sector bodies,to apply for funding for eligible projects.

Continuous Intake: Applicants with small and medium retrofit projects to existing community buildings ranging in total eligible cost from **\$100,000 to \$3 million** will be accepted on a continuous basis and funded on a **rolling intake basis**.

While there is an **overall cost-share expectation**, such as funding from another federal program, the private sector, the municipality, the community, etc.

Retrofit projects are **scored and rated based on percentage of energy savings and percentage of greenhouse gas (GHG) reductions**. Where applicable, climate resilience will also be assessed.

Under a contribution agreement, **costs must first be incurred by the recipient**, and if deemed eligible, will then be reimbursed at the prescribed percentage of the federal contribution.

I can explain more on the 23rd.

Ruth