



**CLIMATE ACTION COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON MONDAY, NOVEMBER 27, 2023 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/2780145720>
TO JOIN VIA PHONE, DIAL 778-907-2071 AND ENTER MEETING ID: 278 014 5720

AGENDA

- 1. Call to Order**
- 2. Appointment of Recorder and round table introductions**
- 3. Approval of the Agenda**
THAT the agenda be approved as submitted.
- 4. Public Questions & Comments**
- 5. Approval of Minutes**
 - A. Climate Action Committee Meeting Minutes – September 25, 2023
THAT the Climate Action Committee Meeting Minutes of September 25, 2023 be approved as circulated.
- 6. Business Arising from the Minutes**
 - A. Village Survey – update and next steps
 - i. Inactive Survey Link <https://volb.limesurvey.net/759534>
 - B. Climate Action Awareness – update and next steps
 - C. R100 Diesel update
 - D. Climate 2050
 - E. Request for Metro CAC educational materials.
- 7. Unfinished Business**
 - A. Village Survey – update from Council meeting
 - i. Final review & signoff
 - ii. Writeup/lead-in article.
 - B. Climate Action Awareness - update from Council meeting
 - C. BC Buildings Step Code Requirement

- D. Renewable Diesel for Works Yard Equipment
 - i. R100 use in hall heating.
- E. Purchasing Policy - update from Council meeting
- F. Other Past CAC Initiatives
 - i. Climate Action Plan
 - ii. Natural Asset Inventory
 - iii. Climate Action Tool Kit
 - iv. OCP Amendment and Associated Targets
 - v. Transfer Station
 - vi. Solar Panel on Municipal Buildings
 - vii. EV Charger Initiative and Status
 - viii. Food Truck Power
 - ix. Beach Event Power
 - x. Baseline Village Data
 - xi. Village Actions to Date
 - xii. Communication/Education
 - xiii. Finance/Funding
 - xiv. Source Water Protection Plan
 - xv. Many Stakeholders
 - xvi. OCP Amendment and Associated Targets
 - xvii. Resident Survey

8. New Business

- A. Metro 2050 Climate Report ([link](#))
- B. GW will prepare a follow up article for the CAC to consider in the Spring of 2024.
- C. Redo on the hall oil burning project.

9. Correspondence

- A. Jon Povill (*page 3*)
- B. Christine Livingstone (*page 4*)

10. Public Questions & Comments

11. Adjournment

12. Next Meeting – TBD

From: [Neville Abbott](#)
To: [Marina Blagodarov](#)
Cc: [REDACTED]
Subject: FW: Easier than Ice Stupas?
Date: Friday, October 20, 2023 10:10:35 AM

Please, add to CAC agenda in correspondence.

Neville Abbott
Councillor
The Village of Lions Bay
Cell: (604) 363-2667

From: Jon Povill [REDACTED]
Sent: Monday, October 2, 2023 10:40 PM
To: Neville Abbott <councillor.abbott@lionsbay.ca>; Jaime Cunliffe <councillor.cunliffe@lionsbay.ca>; Greg Weary [REDACTED] Clara George [REDACTED]
Subject: Easier than Ice Stupas?

Hi all,

Well, maybe not all, but I'm guessing that the four of you are still on the Climate Action Committee and will remember my flirtation with "ice stupa" construction as a way to potentially deal with our water shortage issues during the dry season. [This article](#) describes an alternative desalination approach that might be cheap enough to scale up for use by the village. It's solar powered, self-sustaining and doesn't produce a brine sludge requiring removal/disposal. The trickiest issue that occurs to me would be the need to pump the produced water up to our storage tanks. I don't think this solution could provide sufficient water for 100% of the needs of the Village, but I think it could provide a substantial supplement at a relatively low initial cost and almost no ongoing costs once it was installed. Anyway, though I'm no longer on the CAC, the issue of making sure the Village continues to have adequate water supplies through increasingly unpredictable weather cycles remains very important to me, so I thought I'd pass the article along in case any of you wanted to keep up with the technology for potential future application.

All the best,
Jon

From: [Neville Abbott](#)
To: [Marina Blagodarov](#)
Cc: [REDACTED]
Subject: FW: Rainwater harvesting rebate proposal
Date: Friday, October 20, 2023 10:12:00 AM

Please, add to CAC agenda in correspondence.

Neville Abbott

Councillor

The Village of Lions Bay

Cell: (604) 363-2667

From: Christine Livingstone [REDACTED]
Sent: Sunday, October 8, 2023 3:42 PM
To: Council <council@lionsbay.ca>
Subject: Re: Rainwater harvesting rebate proposal

Hi council, I haven't heard back from anyone and would welcome a response.

On Thu, Jun 15, 2023, 7:02 p.m. Christine Livingstone [REDACTED] wrote:

Dear Council,

I'd like to propose that Lions Bay implement a modest rebate on rain barrels and rain storage tanks.

Rainwater harvesting reduces stress on stretched water sources, and can help us prevent reversion to "draconian" outdoor water use restrictions - a challenge we all know will only get worse. Using rainwater for plants and gardens reduces average household water use significantly. It also supports the many residents whose quality of life is greatly enhanced by their gardening hobbies.

Benefits to the village of reduced household water use are extensive. It can prevent or mitigate:

- water shortages
- increased concentration of pollutants when water levels are low
- costly expansion of water infrastructure
- increased energy consumption of pumping and treating water
- environmental impact of stormwater run-off

Many local districts realize the benefits and are offering similar rebates, including:

- Sunshine Coast (\$1000)
- Nanaimo (\$450)
- Victoria (\$450)
- Salt Spring (\$250)

- Parksville (\$50 towards barrels)
- Cranbrook (\$50 towards barrels)

It's not an exhaustive list, but it's clear that amid environmental uncertainty and global warming, having a secondary water source is good for individuals, and good for the village. I look forward to council's response.

Regards,
Christine Livingstone