



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

**INFRASTRUCTURE COMMITTEE MEETING
OF THE VILLAGE OF LIONS BAY
HELD ON MONDAY, FEBRUARY 27, 2017 at 7:00 PM
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY**

AGENDA

- 1. Call to Order**
- 2. Appointment of Recorder**
- 3. Approval of the Agenda**
- 4. Public Questions & Comments**
- 5. Approval of Minutes**
 - A. Infrastructure Committee Meeting – January 16, 2017 (Page 3)
 - B. Action Items from the Minutes
- 6. Business Arising from the Minutes**
- 7. Unfinished Business**
 - A. UBC Water Hydrology Project Update (Verbal Progress Update)
 - B. Request to the Greater Vancouver Water District (GVWD) (Verbal Progress Update)
 - C. Intake Drone (Verbal Progress Update)
- 8. New Business**
- 9. Public Questions & Comments**
- 10. Adjournment**

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LIONS BAY INFRASTRUCTURE COMMITTEE MEETING
MONDAY 16 JANUARY 2017 AT 7:00 PM
IN COUNCIL CHAMBERS, LIONS BAY COMMUNITY CENTER

MINUTES OF THE MEETING

In Attendance:

Fred Bain – Councilor and Committee Chair
Naizam Jaffer – Public Works Manager
Jim Mutrie - Resident
Brian Ulrich – Resident

Regrets:

Jim Hughes – Councilor
Peter Dejong - CAO
Karl Buhr – Mayor
Tony Greville – Resident

1. Call to Order

Meeting was called to order at 7:04 pm.

2. Appointment of Recorder

Regular recorder: Brian Ulrich

3. Approval of the Agenda

The Agenda was approved as tabled, with the following minor format changes:

Para 8c becomes 9.
Para 9 becomes 10
Para 10 becomes 11

4. Public Participation

No public questions or comments

5. Approval of Minutes

A. IC meeting of 28 Nov 2016

Content of the minutes from the last meeting were approved with the following clarification:

Para 7. B. i.
was:

“Discussion surrounding the claiming of public land and altering or inadvertently restricting drainage ensued. The IC recommends drainage issues be managed in the public realm.”

Is:

“Discussion surrounding the claiming of public land and altering or inadvertently restricting drainage ensued. The IC recommends that Council direct staff to review encroachment policy and make sure that drainage is a significant part of it.”

Para 8. B. Format adjustment:

“Wells” is promoted to title of the paragraph.

B. Action items from 28 Nov 2016 minutes.

Previously open actions listed under 6. A. (Business Arising from the Minutes) are all completed except for:

iii. Tony to send Steve (UBC) a reminder about another visit....still open – there has not been an open window with satisfactory weather since last meeting.

vi. Nai and Peter to craft an argument for transferring the allocated funds from road repair to Harvey Weir.... Still open – awaiting design proposal from CREUS.

New Action items from 28 Nov 2016

IC members to review draft MOU and provide feedback... Done

6. Business Arising from the Minutes

Nai provided an update on the Bayview Culvert tender. This is what gave rise to the above mentioned IC recommendation to council mentioned regarding drainage in the public realm.

Discussion of Wells, from minutes section 8B. Multiple samples have now been tested from Alberta Creek showing no arsenic, disproving previous beliefs. Water can be treated for arsenic, but its absence makes it more attractive to look at the feasibility of wells in Lions Bay, even if only for peak shaving of water demand. Subject to verification, it was mentioned that Ansel Place gets its water from wells.

This prompted the comment that we should know exactly where every community up this side of Howe Sound gets its water (West Van supply? Wells? Creeks? Other?), and how that water is treated. This would include Ansel Place, Strachen Point, Ocean Point, Porteau Cove, Furry Creek, and Britannia Beach. Any other private properties along this stretch would be of interest also if they are other than creek fed.

ACTION: Karl to find out what each Howe Sound community uses for water supply.

Further to the well discussion, Nai asked if there were any old private wells in Lions Bay, either abandoned or still in use, from which the water could be tested. If there were, it would save us the cost of drilling a test hole if we were to decide to explore this further.

ACTION: All members, ask around to see if anyone knows if there is an existing well somewhere in the village or environs.

7. Unfinished Business

- A. UBC Water Hydrology Project. Discussion was limited in Karl's absence. We are moving slower than we need to on this project and the IC recommends that Council appoint someone as dedicated lead on the project to keep the momentum. We do not want to lose out on funding opportunities because we miss deadlines for submission of applications etc.

8. New Business

- A. Report on the drone contractor for intake inspections
Derek has indicated that a drone is not practical for inspecting the intakes because it would be flying out of line of site of the operator. However, he suggested that a pulley camera similar those used in sports arenas would do the job. The operator would send a camera from a safe remote site up a cable line to the intake, take photos and or video, and then haul it back for viewing and assessment of the coverage.

ACTION: Nai to take Derek up to the intakes so he can assess the scenarios and give us a quote on a pulley camera system.

B. Request to the GVRD for feasibility/cost of a water pipeline to Lions Bay

Description of the enquiry in the Agenda is self-explanatory. The topic has come up in the past and we need to get a credible answer on the feasibility and cost to either lay it to rest or pursue it further.

ACTION: Peter to approach Metro Vancouver regarding feasibility and cost of a water pipeline to Lions Bay.

Nai indicated that yes they all need to be replaced. It is possible that two of them (phase 4 and phase 5) can be replaced with a single larger tank of same or similar volume. The project, however, calls for engineering design of the tanks and the engineers will look at what the system needs in terms of tank volume and placement. (The tanks act as PRV's themselves and provide adequate fire water flow at all locations in the system. This will be determined by the engineering firm, Geo Advice, who is doing the tank replacement design).

9. Next Meeting

It was agreed to get back to the normal schedule of last Monday of every month despite the extra time from this meeting. The next meeting will be Monday 27 February 2017 at 7:00 pm.

10. Public Questions and Comments

There were no questions from the Gallery.

11. Adjournment

Meeting was adjourned at 8:00 pm.