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THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

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**MEETING OF THE LIONS BAY BEACH PARK ADVISORY COMMITTEE  
HELD ON THURSDAY, JANUARY 18, 2018 at 7:00 PM  
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY**

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**AGENDA**

- 1. Call to Order**
- 2. Approval of Agenda**  
THAT the Agenda be approved as circulated
- 3. Public Participation**
- 4. Approval of Minutes**
  - A. Lions Bay Beach Park Advisory Committee – December 21, 2017 (Page 3)
- 5. Business arising from the minutes**
- 6. Unfinished Business**
  - A. Public Works costing estimates and updates outstanding:
    - The cedar tree at the centre of the park was to be assessed by Burley Brothers Tree Service the week of November 27, 2017.
    - Quotes for washroom cleaning and garbage collection for the weekends during the summer months. The cleaners for the LB Marina is a possibility.
    - Costs for tubular galvanized boat/paddle board storage unit.
    - Hoist for deep garbage well. (Refer correspondence.)
  - B. Landscape Plan:
    - Russ is working on a landscape design / plan for the park that will consider the removal of the large cedar which has been topped and is showing signs of deterioration, landscape terraces, a larger washroom with outside shower, cleaning facilities and a water bottle refilling station, a new larger boat/paddle board storage facility, and an expanded covered public area, as well as other features. Russ has been provided with a topographical survey of the park to

facilitate the work. Public Works has provided documentation to Russ. In progress. TASK SINCE MOVED TO KARL.

- C. Budget - \$29,814 from previous budgets for improvements in 2018.
- D. Survey results - communication of key themes from the survey to the public was deferred to the current meeting.
- E. Jetty - a concern was raised about the concrete jetty to the north side of the park and was deferred to the current meeting.

**7. New Business**

A. Chair:

- In line with the survey results, the main beach park themes were decided on by the Committee at the last meeting.
- It is envisaged that the final Committee meeting is near. Either the next meeting or the one after should see the assignment concluded. A report to Council should be prepared for review by the Committee members to confirm the recommendations. This will enable the recommendations to be received in line with the 2018 Budget discussion at Council.
- Short and long term plans – information, discussion, recommendations, and concurrence.

**8. Correspondence**

- A. To Doug Pollock – Beach Park input response (Page 7)
- B. From Russ Meiklejohn – flush toilets (Page 11)
- C. From Public Works Manager Nai Jaffer – garbage pits (Page 17)
- D. From Mayor Buhr – beach features (Page 21)

**9. Public Participation**

**10. Next Meeting**

- A. Recommended for February 8<sup>th</sup> at 7:00 PM in Council Chambers.

**11. Adjournment**



THE MUNICIPALITY OF THE VILLAGE OF LIONS BAY

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**MEETING OF THE LIONS BAY BEACH PARK ADVISORY COMMITTEE  
HELD ON THURSDAY, DECEMBER 21, 2017 at 7:00 PM  
COUNCIL CHAMBERS, 400 CENTRE ROAD, LIONS BAY**

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**MINUTES**

In Attendance:

Council: Councillor Ron McLaughlin (Chair)  
Mayor Karl Buhr (Ex Officio)

Advisory Committee Members:

Oliver Brunke  
Robin Spano  
Heather Hood  
Mattie Gildenhuis

Staff: Chief Administrative Officer Peter DeJong  
Administrative Assistant Susan Loutet

Regrets: Russ Meiklejohn  
Public Works Manager Nai Jaffer

**1. Call to Order**

Councillor McLaughlin called the meeting to order at 7:02 p.m.

**2. Approval of Agenda**

Moved/Seconded

THAT the agenda be adopted with the addition of item 5. C - Budget

**CARRIED**

**3. Public Participation**

None

#### **4. Approval of Minutes**

Moved/Seconded

THAT the minutes of the Lions Bay Beach Park Advisory Committee meeting of November 23, 2017 be approved as circulated.

**CARRIED**

#### **5. Unfinished Business arising from the minutes**

##### **A. Public Works costing estimates and updates:**

- The cedar tree at the centre of the park was to be assessed by Burley Brothers Tree Service the week of November 27, 2017. Nai Jaffer to report on this at next meeting.
- Quotes for washroom cleaning and garbage collection for the weekends during the summer months-: Options research in progress. The cleaners for the LB Marina is a possibility. Public Works will check with the Marina. In progress.
- Costs for tubular galvanized boat/paddle board storage unit, in progress.
- Hoist for deep garbage well. Nai Jaffer to explore and cost out.

##### **B. Landscape Plan:**

- Russ is working on a landscape design / plan for the park that will consider the removal of the large cedar which has been topped and is showing signs of deterioration, landscape terraces, a larger washroom with outside shower, cleaning facilities and a water bottle refilling station, a new larger boat/paddle board storage facility, and an expanded covered public area, as well as other features. Russ has been provided with a topographical survey of the park to facilitate the work. Public Works has provided documentation to Russ. In progress.

- ##### **C. Budget – Washroom building approximately 20'x20' Nai Jaffer to provide best estimate to Council, for lead time of after January 1, 2019. RFP required.**

#### **6. New Business**

##### **A. Survey – 128 total responses. Top take-aways from responses included:**

- the top 3 uses of the Lions Bay Beach Park were beach related: swimming, playing on the sand and sunbathing.

- the top 3 events attended were the Canada Day celebration, the Firefighters Day event and the Halloween Fireworks; discussion ensued on whether the park can be configured to better accommodate these events - eg: larger, more useful gazebo structure, location for such a structure, etc.- members agreed that a new gazebo structure should be installed at the lower portion of the park as opposed to the upper portion of park; other ideas were also discussed such as including a basketball/multi-use court at the south end of the flat upper grassy area.
- in response to the question re. what changes are needed, most replied that items listed were “Just Right”, other than requests for more benches and picnic tables, more toilets and change room facilities.
- in response to the question re. capital investments, the following was noted:
  - people were generally not in favour of terracing, but the committee noted that some terracing may be required, especially if a gazebo is to be built in the lower portion of the park;
  - outdoor, cold, freshwater showers was the top request;
  - replacement of plumbing fixtures was heavily favoured;
  - responses and committee feedback indicated the toddler and youth play areas needed to be kept separate, but could be relocated if kayak racks are moved to the Marina side of the park – this would be logical as it’s closer to the beach and kids could be better observed by parents, etc.;
  - responses favoured a new kayak rack and the committee agreed it should be on the Marina side of the park – staff looking into designs and costs;
  - stone steps were noted to be in need of repair/replacement;
  - responses favoured replacing the Lori Beck gazebo and providing a new gazebo or pavilion/shelter – the committee agreed with this and consensus was that it would make sense to have it within the lower portion of the park (discussion and tentative agreement to move Lori Beck plaque to new structure).
  - additional ideas discussed included basketball/multi-use court up top, concrete ping pong tables and shuffleboards, etc.
- a concern was raised about the concrete jetty to the north side of the park – will be on the next meeting’s agenda.
- communication of key themes from the survey was deferred to next meeting
- Cllr. McLaughlin suggested a field trip to the beach, but no date was set.

B. Suggestion for Renaming of Lions Bay Beach Park –

The members were in agreement that the name of Lions Bay Beach Park should stay the same and not change.

**7. Correspondence**

A. Letter from Doug Pollock

- Cllr. McLaughlin to respond to the letter from Mr. Pollock.

**8. Public Participation**

None

**9. Next Meeting**

- A. It was agreed that the next meeting would be January 18, 2018 at 7:00 PM in Council Chambers.

**10. Adjournment**

Moved/Seconded

THAT the meeting be adjourned.

*The meeting was adjourned at 8:24 p.m.*

**CARRIED**

**From:** [REDACTED]  
**To:** [Ron McLaughlin](#); [Karl Buhr](#); [REDACTED]  
**Cc:** [Lions Bay Reception](#)  
**Subject:** RE: To the beach! - Attn Susan  
**Date:** Thursday, January 11, 2018 11:19:39 AM

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Dear Doug: I trust all is well and Happy NY's to you, Sally, and family. The Lions Bay Beach Park Committee met on December 21<sup>st</sup> and your email was included in correspondence and commented on by Committee members. The survey results comprised the majority of the Committee's discussion at that meeting and your points of commentary reflected the view point of the larger Community. Thank you very much for your input and interest in the project. Warmest regards.....Ron

Dear Susan: Please card this in for correspondence for the 18<sup>th</sup>. Thank you.

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**From:** Ron McLaughlin [mailto:councillor.mclaughlin@lionsbay.ca]  
**Sent:** Tuesday, December 05, 2017 7:24 AM  
**To:** Karl Buhr; Sally Pollock  
**Cc:** [REDACTED] Lions Bay Reception  
**Subject:** Re: To the beach! - Attn Susan

Dear Doug and Karl, thank you.

Dear Susan: Please hold the item which I will include as correspondence when I make up the agenda for Dec 20th's meeting. Than ks and regards.....Ron

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**From:** Karl Buhr  
**Sent:** Sunday, December 3, 2017 8:57 AM  
**To:** Sally Pollock  
**Cc:** Ron McLaughlin  
**Subject:** RE: To the beach!

Thanks Doug. On point! I submit it herewith verbatim to the Committee through the Chair. Please also respond accordingly to the survey, if you haven't already?

Best,  
Karl

**From:** Sally Pollock [REDACTED]  
**Sent:** Friday, December 1, 2017 5:28 PM  
**To:** Karl Buhr [REDACTED]  
**Subject:** To the beach!

(Karl: I composed this E-mail some time ago and simply sat on it. With the receipt of today's Village update I decided I would send it. This E-mail is intended to be a "positive" comment. It is not intended to undermine or be critical of whatever Council ultimately decides - it is simply my opinion and observations)

From my personal perspective.....the beach/beach park that has served this community from the beginning is still a wonderful setting (although somewhat overcrowded on some summer days). Although it may need some updates to structures and amenities, we should not lose sight of what it is (a small community beach).

I am sure there is a whole range of "things" that might be suggested as appropriate for this park. Some have already been listed in a report from the mayor. The sifting through to determine what is or is not desirable, what is or is not practical, what is or is not affordable and how each item should be approached is the challenge.

So here goes - one at a time.

Safety first:

Stairs from playscape area down to sand on the beach - these should be repaired or replaced so as to make them safe.

Large cedar tree - Some of the heavier branches should be removed to reduce stress on tree and tree should be maintained to insure stress is minimized.

Storage racks - (option 1) It would appear that the posts are still in reasonable shape. Unfortunately there is no front to back bracing, and as a result a portion of the racks is leaning towards horseshoe bay. I believe that this problem could be corrected by simply making the posts vertical and installing appropriate bracing. In addition to the front to back bracing...some gussets at joints, lag bolts to complement the galvanized spikes originally used in construction and possible twinning of vertical members where necessary.

(option 2) Replace the entire structure, amortize the cost over an appropriate number of years and charge accordingly for the use of these racks.

As to the question of there not being sufficient spaces.....I believe there are several vessels that are not used but simply "stored", thus reducing availability for those who would actually use the vessels stored.

Benches and picnic tables - A few more benches are needed for seniors who find sitting on the grass difficult. Once it is determined where picnic tables should be placed they should be placed there permanently so they cannot be moved. Personally, I believe that a minimal number of picnic tables should be provided (picnic tables take space and encourage long term stays).

Gazebo - The gazebo is generally in good shape with the exception of some rot at posts. The stainless steel that holds up the posts extends quite far in (up into post), and I doubt the rot is a safety concern. However, from an appearance perspective removal of rot and repair of posts would be appropriate.

Fence - The fence between the park and the marina has some posts that probably were not set properly, and as a result they are tipping over. These posts should be replaced and if possible the

horizontal boards reused. Where this is not possible new boards should be used.

Terracing - If I my speculation as to what this implies is correct.....I believe it would change the overall character of the beach. I would want to consider this very carefully!

Railing at top of rock wall - If in understand correctly this is something that has been proposed. At some point we each have to take responsibility for ourselves and our children. I would not support a railing at this point.

Lockers - Here again I do not understand to what this might refer. If is is being suggested that lockers should be provided at the beach park.....my observation is that you bring it with you and you take it home at the end of the day.

Swings and structures - There are two play structures and two swing sets. It would appear that one set is for infants and the other is for older children. All of these appear to be appropriate for the intended purposes. I find if difficult to believe that the the missing slide on the smaller play structure cannot be replaced with an appropriate slide.

Bathrooms / change rooms (the BIGGIE) - Anything beyond repairing what is existing would probably require complete removal and replacement of the structure. The first question should be repair or replace? Replacement is is always going to be the "nicer" option....but consider the cost involved. I am sure there are a number of professionals in the Village who could provide you with a cost for replacement. The next question being - does the result justify the cost? These options should be studied very seriously! Somehow residents have been able to use the beach in the past. The question might be - for whom are the upgrades intended?

Thank you for the opportunity to input.

Doug Pollock

[REDACTED]  
[REDACTED]



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**From:** [REDACTED]  
**To:** [Lions Bay Reception](#)  
**Subject:** FW: low flush high volume toilets - Att Susan - For LBBPC Meeting  
**Date:** Thursday, January 11, 2018 11:38:58 AM  
**Attachments:** [image001.jpg](#)  
[ASSISTED FLUSH specsheet2462016.pdf](#)

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Dear Susan : Please card this on in Correspondence as well. Thank you.

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**From:** Russ Meiklejohn [REDACTED]  
**Sent:** Wednesday, January 10, 2018 3:48 PM  
**To:** Karl Buhr; 'Steve Williamson'; Naizam Jaffer  
**Cc:** Ron McLaughlin; 'Kevin Healy'  
**Subject:** RE: low flush high volume toilets

Gents

The flush-valve units (like Karl's pic) work really well, and a big advantage is they can be hands-free. We use them in shopping centre applications and the like, and there are handsfree units that don't require hard wiring.

Some are powered by the water flow to a capacitor that stores power to operate the hands-free flush

However, while they in theory don't use any more water per flush, the plumbing code requires the size of the supply water piping to be substantially larger. This can be a noticeable cost, and may be impacted by the water service.

We have used the attached assisted-flush unit with good success in retrofit applications. There is an air diaphragm (or compression tank) attached to the water tank, which generates pressurized air to force water through the flush valve with more vigor than gravity alone.

Another option

Russ

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**From:** Karl Buhr [<mailto:mayor.buhr@lionsbay.ca>]  
**Sent:** Tuesday, January 9, 2018 6:30 PM  
**To:** Steve Williamson <[swilliamson@creus.ca](mailto:swilliamson@creus.ca)>; Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>  
**Cc:** Russ Meiklejohn [REDACTED] Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>; Kevin Healy <[khealy@creus.ca](mailto:khealy@creus.ca)>  
**Subject:** RE: low flush high volume toilets

OK, thanks. Sounds good. In my limited research the secret with flushless urinals is to have an aiming point (for some reason a fly works better than a target icon), plus a sign "This is a Flushless Fixture." This is just a trial pending the full rebuild of the facility, but

we'll either need a unit with a large integrated backsplash, or to greenboard and tile the mounting wall.

KB

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**From:** Steve Williamson [<mailto:swilliamson@creus.ca>]  
**Sent:** Tuesday, January 9, 2018 2:55 PM  
**To:** Karl Buhr <[mayor.buhr@lionsbay.ca](mailto:mayor.buhr@lionsbay.ca)>; Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>  
**Cc:** Russ Meiklejohn [REDACTED]; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>; Kevin Healy <[khealy@creus.ca](mailto:khealy@creus.ca)>  
**Subject:** RE: low flush high volume toilets

I presume he was just giving us a standard spec sheet for bowl/flush performance and the tankless application would be used. He indicated that the one he spec'd is used in arenas, hotels etc etc. I have email in asking for confirmation.

Steve Williamson  
Creus Engineering  
Manager of Construction Services  
Cel: 778 989 2960

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**From:** Karl Buhr [<mailto:mayor.buhr@lionsbay.ca>]  
**Sent:** Tuesday, January 9, 2018 2:45 PM  
**To:** Steve Williamson <[swilliamson@creus.ca](mailto:swilliamson@creus.ca)>; Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>  
**Cc:** Russ Meiklejohn [REDACTED]; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>; Kevin Healy <[khealy@creus.ca](mailto:khealy@creus.ca)>  
**Subject:** RE: low flush high volume toilets

Ah. Are these not just glorified residential? I think the Committee had in mind something more institutional, like this 1.28 GPF unit:

Madera Flush Valve



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**From:** Steve Williamson [<mailto:swilliamson@creus.ca>]

**Sent:** Tuesday, January 9, 2018 2:16 PM

**To:** Karl Buhr <[mayor.buhr@lionsbay.ca](mailto:mayor.buhr@lionsbay.ca)>; Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>

**Cc:** Russ Meiklejohn [REDACTED]; Peter DeJong <[cao@lionsbay.ca](mailto:cao@lionsbay.ca)>; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>; Kevin Healy <[khealy@creus.ca](mailto:khealy@creus.ca)>

**Subject:** RE: low flush high volume toilets

See attached for cut sheet

Note from supplier on noise – “These toilets are not power assist and they are virtually the same ones in a residential application. I can't say if I know if they have a decibel rating. There shouldn't be a noise issue . I have one at my house and it's never been a problem”

Waterless urinals are still used. Decision for VOLB based on maintenance upkeep abilities and smell in hot summer days.

Steve Williamson  
Creus Engineering  
Manager of Construction Services  
Cel: 778 989 2960

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**From:** Karl Buhr [<mailto:mayor.buhr@lionsbay.ca>]

**Sent:** Tuesday, January 9, 2018 12:19 PM

**To:** Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>; Steve Williamson <[swilliamson@creus.ca](mailto:swilliamson@creus.ca)>

**Cc:** Russ Meiklejohn [REDACTED]; Peter DeJong <[cao@lionsbay.ca](mailto:cao@lionsbay.ca)>; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>

**Subject:** RE: low flush high volume toilets

Sounds promising. How does the per-flush use compare with a standard toilet? While I appreciate the maintenance benefits, I'm concerned about the noise--just how obtrusive is the sound? IOW, are there quieter models?

What is the recommendation around waterless urinals? Are they still used?

Regards,  
Karl

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**From:** Naizam Jaffer

**Sent:** Tuesday, January 9, 2018 11:26 AM

**To:** Steve Williamson <[swilliamson@creus.ca](mailto:swilliamson@creus.ca)>

**Cc:** Russ Meiklejohn <[REDACTED]>; Peter DeJong <[cao@lionsbay.ca](mailto:cao@lionsbay.ca)>; Karl Buhr <[mayor.buhr@lionsbay.ca](mailto:mayor.buhr@lionsbay.ca)>; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>

**Subject:** RE: low flush high volume toilets

Thanks Steve...

Russ, if we use the something like the toilet below we'll be able to incorporate 4 (an increase of two) into the existing septic field.

All the best,

Naizam (Nai) Jaffer

Public Works Manager | Village of Lions Bay

Village Office (604) 921-9833 | [www.lionsbay.ca](http://www.lionsbay.ca)

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**From:** Steve Williamson [<mailto:swilliamson@creus.ca>]

**Sent:** January 9, 2018 11:12 AM

**To:** Naizam Jaffer <[njaffer@lionsbay.ca](mailto:njaffer@lionsbay.ca)>

**Subject:** low flush high volume toilets

Hi Nai – See below from our Emco rep. If we use that type of toilet we can accommodate flow. We also recommend put aerotors on sinks and adjusting the valves below the sink to keep flows reasonable.

Steve Williamson

Creus Engineering

Manager of Construction Services

Cel: 778 989 2960

----- Original message-----

**From:** Nigel Webb  
**Date:** Mon, Jan 8, 2018 12:05 PM  
**To:** Steve Williamson;  
**Cc:**  
**Subject:**RE: Fwd: low flush high volume toilets

Hi Steve

I would use the Kohler Highline toilet. We use this in hotels restaurants airports sports arenas etc .  
this should be perfect for your application/

Your cost for one toilet tank and open front seat would be 338. If you need more than one I maybe  
able to get an additional discount .

Let me know your thoughts and best regards

Nigel



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**From:** [Ron McLaughlin](#)  
**To:** [Lions Bay Reception](#)  
**Subject:** Fw: LBBPAC – Garbage Conundrum  
**Date:** Thursday, January 11, 2018 8:30:54 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)

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I think you now have 4 of the 4 pieces of correspondence. Regards.

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**From:** Ron McLaughlin  
**Sent:** Thursday, January 11, 2018 8:19 AM  
**To:** [REDACTED]  
**Subject:** Fw: LBBPAC – Garbage Conundrum

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**From:** Public Works  
**Sent:** Thursday, January 11, 2018 7:55 AM  
**To:** Karl Buhr; Heather Hood; Mattie Gildenhuy; Oliver Brunke; Robin Spano; Russ & Dorothy Meiklejohn ([REDACTED])  
**Cc:** Shawna Gilroy; Lions Bay Reception; Peter DeJong; Ron McLaughlin  
**Subject:** RE: LBBPAC – Garbage Conundrum

Installation of the can is done by backhoe. West Van is saying that it takes their single parks garbage truck 40 hours per week to complete their route which includes all parks, road / street ends, trail heads, and bus shelters ([Map](#)).

All the best,

Naizam (Nai) Jaffer  
Public Works Manager | Village of Lions Bay  
Village Office (604) 921-9833 | [www.lionsbay.ca](http://www.lionsbay.ca)

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**From:** Karl Buhr  
**Sent:** January 11, 2018 7:40 AM  
**To:** Public Works <[works@lionsbay.ca](mailto:works@lionsbay.ca)>; Heather Hood [REDACTED]; Mattie Gildenhuy; [REDACTED]; Oliver Brunke [REDACTED]; Robin Spano [REDACTED]; Russ & Dorothy Meiklejohn [REDACTED] <[millenia@shaw.ca](mailto:millenia@shaw.ca)>  
**Cc:** Shawna Gilroy <[office@lionsbay.ca](mailto:office@lionsbay.ca)>; Lions Bay Reception <[reception@lionsbay.ca](mailto:reception@lionsbay.ca)>; Peter DeJong <[cao@lionsbay.ca](mailto:cao@lionsbay.ca)>; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>  
**Subject:** RE: LBBPAC – Garbage Conundrum

Interesting. Some follow-up questions: What do the bags cost? Could they be lifted out by a backhoe? Is WV telling us it takes 40 (35?) hours a week and a Hiab truck to service 12

cans, or that they have no extra capacity beyond what they use today?

As to installation, how is the hole dug?--a core drill, or backhoe and backfill?

KB

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**From:** Public Works

**Sent:** Thursday, January 11, 2018 7:06 AM

**To:** Heather Hood [REDACTED]; Mattie Gildenhuis [REDACTED]; Oliver Brunke [REDACTED]; Robin Spano [REDACTED]; Russ & Dorothy Meiklejohn [REDACTED]

**Cc:** Shawna Gilroy <[office@lionsbay.ca](mailto:office@lionsbay.ca)>; Karl Buhr <[mayor.buhr@lionsbay.ca](mailto:mayor.buhr@lionsbay.ca)>; Lions Bay Reception <[reception@lionsbay.ca](mailto:reception@lionsbay.ca)>; Peter DeJong <[cao@lionsbay.ca](mailto:cao@lionsbay.ca)>; Ron McLaughlin <[councillor.mclaughlin@lionsbay.ca](mailto:councillor.mclaughlin@lionsbay.ca)>

**Subject:** FW: LBBPAC – Garbage Conundrum

Morning all, the deep well garbage cans cost \$1325 (2013 price) each. The issue we'd have is being able to drive a truck right up to the can and the purchase of a crane to lift out the garbage.

Having West Van provide this service to us is going to be a hard sell as they're barely able to manage their route using one truck. I haven't looked into the cost of a crane for mounting onto one of our trucks.

All the best,

Naizam (Nai) Jaffer

Public Works Manager | Village of Lions Bay

Village Office (604) 921-9833 | [www.lionsbay.ca](http://www.lionsbay.ca)

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**From:** Ian Haras [<mailto:iharas@westvancouver.ca>]

**Sent:** January 10, 2018 3:02 PM

**To:** Public Works <[works@lionsbay.ca](mailto:works@lionsbay.ca)>

**Subject:** RE: LBBPAC – Garbage Conundrum

Hi Nai,

Happy New Year to you. I managed to dig up a quote we received for some of the in ground cans. See attached. The quote is from 2013 but I think that is the last time we purchased any. This was for supply only as our staff installed the cans. Can't say exactly how much that cost, I would estimate \$700/can installation cost. The lifting crane is attached to one of our garbage truck and can't really say how much the crane cost, Peter might be able to help. I think the entire truck was in the range of \$100k. I'm sure you're aware that you will need some type of crane truck to empty the cans.

Overall the cans work very well in both our high use parks and low use parks. No real issues with the cans. Only drawback is that you need to have vehicle access right up to the cans to empty them. As

you well know, our garbage route takes our driver the entire day, we're having difficulty adding our own cans to the route.

Thanks,

**Ian Haras**, BCSLA, CSLA

Parks Planning & Development Manager | District of West Vancouver

d: 604-925-7143 | [westvancouver.ca](http://westvancouver.ca)



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**From:** Public Works

**Sent:** January-10-18 10:41 AM

**To:** Ian Haras

**Subject:** Re: LBBPAC – Garbage Conundrum

Happy New Year Ian, all the best for 2018.

Our Beach Park Committee has mentioned the 'deep well' garbage cans you have in Horseshoe Bay as a potential solution for our garbage woes at our waterfront park. Do you have any costing, efficiency, and potential service sharing information I could take back to them?

All the best,

Naizam (Nai) Jaffer

Public Works Manager | Village of Lions Bay

Village Office (604) 921-9833 | [www.lionsbay.ca](http://www.lionsbay.ca)

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**From:** Hood in lions bay

**Sent:** November 9, 2017 7:41 AM

**To:** Oliver Brunke

**Cc:** Councillor Ron McLaughlin; Public Works; Mayor Karl Buhr; Russ & Dorothy Meiklejohn; Mathilde Gildenhuis; Robin Spano

**Subject:** LBBPAC – Garbage Conundrum

Hi All, this info is from my Mechanical Engineering husband who thinks about things like this more than I do...

As I think about the need for more garbage cans or even the possibility of a nasty dumpster, it reminded me of the solution used to solve this problem at Horseshoe Bay which likely has a garbage problem worse than ours. The cylindrical garbage cans at the beach park there are actually placed in a deep hole in the earth that is fitted with super long garbage bags. You would never know until you see them come along early morning to empty them with a truck with a hiab, the garbage bags seemed to be about 10ft long. Seemed like a good solution to avoid the eyesore of multiple garbage cans lined up or needing to employ staff or contractors to do multiple pick ups over the weekend. If the contractor serving horseshoe bay needs to make

one more stop up at Lions Bay it might not be too expensive in the long run compared to staffing over the weekend. We could put one up top for easy truck access and possibly one by the fence with the Marina for truck access from there. Might need to be up the slope a bit so it doesnt fill with water everytime the tide comes in. The link below to Sybertech Waste Reduction website has bear proof cans and a video that shows how it works, 5 foot hole with 30" diameter can extending 4 foot above ground giving 300 gallon capacity garbage equivalent to about 8 of our current bear proof garbage cans. Just a thought for the day.

[http://www.swrl.com/sybertech\\_waste\\_reduction\\_inground\\_trash\\_system\\_millennium\\_4000.html](http://www.swrl.com/sybertech_waste_reduction_inground_trash_system_millennium_4000.html)

Cheers,  
Heather

**From:** Karl Buhr  
**Sent:** Tuesday, January 9, 2018 5:11 PM  
**To:** Ron McLaughlin  
**Subject:** My beach features input

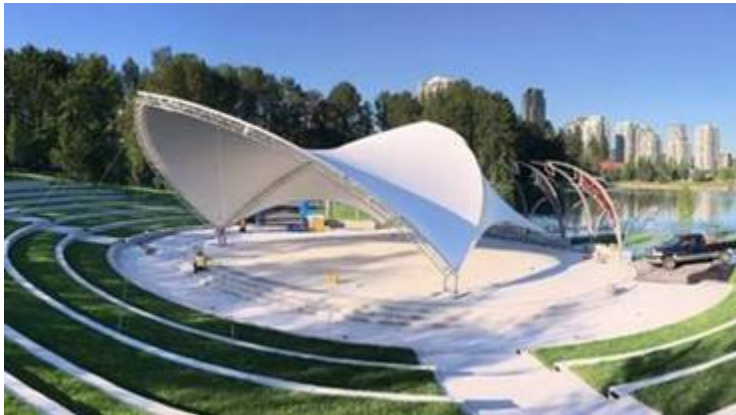
Based on Committee discussion and my own distillation of survey responses, herewith my input to the Committee's recommendation. Overall, I believe the recommendation needs to state the drivers for a beach renovation (such as managing and handling increased demand, aging infrastructure, long-term shortcomings, etc.), and then propose a multi-year project that can be implemented as budget realities allow.

Specifically, for Summer 2018, upon acceptance of a long-range plan and an associated rendering, I can envisage a list of visible low-budget projects:

1. Large billboard of concept renderings for comment and tweaking [\$800?]
2. Pick out rocks and sift sand at low-low tide, by volunteer hand and wheelbarrow if necessary, but preferably by environmental backhoe in DFO-allowable window. Restack the more square rocks at foot of north retaining wall to gain sand area, plus where currently temporarily grouted (the sand is already undercut), placing excess rocks on pier [\$1200 outside machine rental plus drop charges plus operator]
3. Fell middle cedar [\$1000]
4. Demolish entrance arch, and pavilion (after documenting condemnation) [2 internal days and machine time, plus \$600 disposal]
5. Build new galvanised-pipe kayak rack with better-sized (and movable) slots, along the south fence of the lower parcel, stepped and paved for ease of maintenance. Give people \_\_ months to move, demolish the old rack and commence prep of area for a future smaller tot playground [\$4000?]
6. Place bench on pier once access path opened [\$sponsored]. Shade structure?
7. Remove bed on main lawn and replant with grass [0.5 internal days and machine time]
8. Shower/foot rinse, on the beach if possible, or above the high water mark if not, with a concrete pad to allow users to reach the grass without going back on the sand. Will DFO allow the water to drain to ocean? Signage needed "...use no soap products" [\$2500 installed]
9. Grade, install pavers at top of rock steps, replace wood steps, and install chrome or SS handrails [\$3000?]
10. Replace bathroom fixtures with tankless institutional toilets (2 women, 1 men), 1 waterless urinal, low flow sinks and toughened mirrors [\$3000]
11. Install deep garbage cans in the right location, taking water table into account, IF we can get a service deal with the people who clear out HS Bay [\$?]
12. Remove bushes from base of all trees [1 internal day plus \$1000 pavers]

## Future years

- Fell selected trees
- Install tot play area and demo old tot playground when done
- Install slides down three levels
- Can we utilise tongue of land on entrance drive (new bus stop and turnaround?)
- Rebuild washroom, utilizing the part of pad now used as a porch (move Lost and Found)
- Install gazebo/bandstand/picnic-table shelter where middle cedar was, with roof sloped to accommodate the view and the sun (which can be modelled in Sketchup and presumably other rendering software like AutoCAD). Open end faces uphill to amphitheatre terraces and new stairs (stump grind old trees). Benches along opposite side facing ocean--





More organic benches:



Intentionally Blank