

**CARNARVON COMMUNITY SCHOOL  
PARENT ADVISORY COUNCIL MEETING  
FEBRUARY 20, 2018 - 7:00pm  
Library**

**1. Introductions and Welcome!**

Members Present: Kerry Kenwood, Heidi Schmid, Paul An, Andrew B., Lesley Horton, Lana Bisset, Erin Agerskov, Chrishe Denny, Louisa Hrennikoff, Nicky Wilson, Marianne Kavouras, Rachel Kerr, Nicole Ricci-Stiles, Valerie Kalheim, Lindsay Morphy, Kari Rust, Dimitri Phillos, Alisia Adams, Rishma Kassam, Amanda Walsh, Lisa Tautz, Jenny Jea.

**2. Water quality at Carnarvon: District Facilities Representative and Diane Martinson**

- Doug McClary, VSB Representative – provided overview of testing, results and safety procedures.
- Lesley Horton, Carnarvon parent – presented concerns about testing methods and how information was communicated to parents (her handout is attached)
- Opportunity for Q&A
  - Q: Why did testing protocol differ from Health Canada's instructions?
  - A: GVRD has already added filters so VSB has different protocol.
  - Q: How about testing sinks?
  - A: Coastal Health gives VSB guidance on what to test and it is not mandated to test sinks
  - Q: What is the protocol when sample tests high?
  - A: Fountain is turned off right away but no notification to parents
  - Q: Can the testing be redone according to protocol?
  - A: Will try to get new tests done within this school year.

**3. Review Agenda**

**4. Approval of January 2018 meeting minutes as advertised and posted on the PAC website**  
MOTION by Heidi Schmid to approve, SECOND by Lindsay Morphy, CARRIED.

**5. Treasurer's report: Heidi Schmid**

Summary of Balance Sheet, revenue over Expense and Cash Flow

- Carnarvon carnival is at a loss b/c we had to pay a deposit
- Wish list approved \$42,000, spent approx. ½ of amount so far.

**6. Principal's report: Diane Martinson**

- Girls' softball team looking for players

### Activities/Events in the School – Late January - February

- Basketball – Our inter-school league is in full swing with a Senior and a Junior team playing against other schools in our immediate area. We also have a Gr. 4 and 5 girls' teams, practicing two mornings a week to build up their basketball skills for future teams and to have fun! Thanks to Mr. Lorne, Mr. Epting, Mr. Chan and Mr. An for coaching the Senior and Junior teams and to parents Mr. Molnar, Mrs. Bisset and Mr. Stewart for coaching the Gr. 4/5 girls' team.
- Class Field Trips/In-class Programs - During late January and thus far in February, classes have gone to an assortment of field trips and had in-class programs: Kitsilano Community Centre for ice-skating (Primary classes), The Vancouver Art Gallery, Museum of Vancouver (Gold Rush Program) and "Choices" for field trips and the "Let Talk Science," "Roots of Empathy" and "NutriKids" programs in-class. For the balance of this month in March, some classes will be going to the "Vancouver Symphony Orchestra" student program at the Orpheum Theatre, Museum of Vancouver, to the Arbutus Care Centre for the "Grandpal" program, "Snowshoeing and Tubing" at Mount Seymour and "Spaghetti Bridge Building" at VCC. In-class programs will include "Let's Talk Science," MADD (Mothers Against Drunk Drivers) program for the Gr. 6 and 7 students, "NutriKids" workshops, "Heritage Fair," and a sustainability workshop.
- TALENT SHOWCASE – Sponsored and run by Mr. MacIntosh, students auditioned through the week of February 13-16 and performed over the noon hour today, in the gym (February 20<sup>th</sup>) and will be performing tomorrow.
- WINTER OLYMPICS ACTIVITIES:
  - Primary classes and a few Intermediate classes, with the assistance of Gr. 7 students, held a "Mini Olympics" on Friday, February 9<sup>th</sup> in the Activity Room and the gym. Students participated in a variety of activities representing many of the sports in the Winter Olympics.
  - Grade 5-7 students participated in an "Winter Olympics Amazing Race" in the gym, outside and through the Intermediate hallways on Wednesday, February 14<sup>th</sup>. In teams of three, representing a country that participated in this year's Winter Olympics, (Gr. 5,6,7) students worked together to find out information about their country and its participation in the Olympic games, the Olympic winter events, and hands on "hockey" and "curling," activities outside. Gold, silver and bronze prizes were awarded and well as prizes for 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> place in our "games."
  - Individual classes, Primary and Intermediate, have activities, writing topics and themes with a focus on the Winter Olympics planned for the month of February.



### UPCOMING ACTIVITIES:

- LUNAR NEW YEAR - Individual classes, Primary and Intermediate, have activities, art activities and themes with a focus on Lunar New Year planned for the next two weeks.
- "PINK SHIRT DAY" – We are having a student-led assembly on "Pink Shirt" Day, next Wednesday, February 29<sup>th</sup> at 9:00 and activities focused on the key themes, throughout the week.
- "CIRCUS SCHOOL" – All classes will be participating, in their PE classes, in circus school activities from February 21<sup>st</sup> to March 6<sup>th</sup>. Thanks to the PAC for the generous 100% funding of the program for our students.
- TENNIS – All of our classes will be participating in an in-school tennis program from April 16<sup>th</sup> to 30<sup>th</sup>. This program is also fully funded by the Carnarvon PAC.
- SCHOOL PERFORMANCES – The following four performances have been booked for Carnarvon students:
  - March - "Dumpsta Dragons" – music traditions of India, Japan, Africa and Australia performed on traditional instruments
  - April - Tribal Vision Dance" – "Visions of Turtle Island" – First Nations dance group – multi-media presentation that showcases the dances of songs that one would experience if they attended a modern powwow – based on the Six Nations of the Grand River in Ontario
  - May - Green Thumb Players – "Celestial Being"
  - June - "Infinitus" – Trio that perform on violin, viola and cello – upbeat introduction to instrumental music with beatboxing arrangements of well-known classics popular music and original compositions.

### **7. Vice Principal's report: Adrienne Stewardson**

- Carnarvon is a pilot school for on-line payment for school fees, field trips. Register on school website. VSB covering for cost of running the program, no cost to school.

### **8. Teacher's report**

### **9. PAC Committee reports**

- a) Winter Market donation update
  - Flemming Elementary PAC received donation to go toward new playground
- b) Spirit Wear update - Loni Smith
  - New vendor, minimums required. Taking orders Feb 23-Mar 6. Arrive mid April.
- c) Earthquake Kits update - Sherri Morrison
  - Order from the website and ships to home. \$25/kit goes back to school. Starts April 30.

- d) Legacy Fund projects update - Kerry Kenwood & Amanda Walsh
  - Long jump – met with VSB maintenance and they will do replacing of sand, new takeoff board, etc. No cost to PAC.
  - Drainage – VSB will address the issue as part of their maintenance
  - UV Sail – VSB says City of Vancouver will not allow big structures without permit
  - Bottle filling water fountains – Waiting for quotes for installing ones with filters
  - Garden update – tentative plan received of what teachers would like (picnic tables, rock formation, low play area, sign board) will provide quotes
- e) Spring Baskets – Melanie Mueller
  - On Hot lunch website by Apr 6, delivered for mother's day. Will need volunteers to sort plants
- f) Pub Night update – Kerry Kenwood
  - Colony – May 10, community building for parents. Not a fundraiser.
- g) Carnival update – Samara Hurley, Kelly Allison & Lindsay Morphy
  - May 25. Inflatables, dunk tank, will need volunteers
- h) Sports Day Food general planning update – Loni Smith
  - Looking at lunch options, coffee
- i) Hot Lunch
  - Straws – now banned
- j) Grade 7 Grad
  - Fun event – Laser tag. \$600 (includes pizza) + \$500 for bus
    - a) Bottle drive, bake sale, lemonade stand
    - b) Money to be received from PAC – approx. \$500
  - Theme and decorations for Grad Day Ceremony and luncheon with parents & teachers – Hollywood Hall of Fame with handprints.

## 10. Other Business

- a) Track and Field
  - Thunderbirds Track Team - \$30/session X 6-8 sessions.
  - High jump coaching very helpful.
  - \$300 from PAC ok'd
- b) New Portable
  - Current placement took into account City of Vancouver permit, use of other available land, use of internet, electrical from Mr. Cloutier's class.
  - $\frac{3}{4}$  of Mr. Cloutier's classroom windows are blocked
    - How to improve Mr. Cloutier's classroom
      - VSB's Doug McClary agreed that the VSB would look into the feasibility of cutting an additional window into Mr. Cloutier's portable.
      - another suggestion that is being looked into is planting a garden/planter against the new portable so the

Kindergartners have something natural and green to  
look out on

- Where will funds come from? Could PAC fundraise?

**11. Adjournment**

MOTION by Kerry Kenwood to adjourn meeting to Wednesday, April 18 at 7:00 pm, at the library, SECOND by Nicole Ricci-Stiles, CARRIED.

## Balance Sheet

	<u>1-Sep-2017</u>	<u>18-Feb-2018</u>	<u>Projected 31-Aug-2018</u>
<b>ASSETS</b>			
Membership Shares	\$ 19	19	19
Operating bank account	8,088	59,010	30,170
Investment bank account	50,000	50,000	50,000
Gaming bank account	1,447	9,360	3,060
<b>TOTAL ASSETS</b>	<b>\$ 59,554</b>	<b>\$ 118,389</b>	<b>\$ 83,249</b>
<b>FUND BALANCES</b>			
Operating Fund	\$ 19,929	70,851	42,011
Gaming Fund	1,447	9,360	3,060
Playground Fund	16,179	16,179	16,179
Legacy Fund	17,000	17,000	17,000
PAC Designated Fund	5,000	5,000	5,000
	<b>\$ 59,554</b>	<b>\$ 118,389</b>	<b>\$ 83,249</b>



## For the period ended Feb 18, 2018

	NET INCOME (LOSS)	BUDGET 2017-2018	Variance	Actuals 2017-2016	Actuals 2015-2016	Actuals 2014-2015
FUNDRAISING						
Barbeque	(118)	(100)	(18)	(76)	(13)	-
Carnarvon DAD's	70	-	70	-	-	-
Direct Drive	30,350	10,000	20,350	24,200	23,060	5,000
Donation Playground	-	-	-	-	4,137	704
Earthquake Kits	-	1,000	(1,000)	-	-	-
Family Picture Night	1,232	1,250	(18)	1,231	1,601	1,525
Gift Card Program	-	-	-	-	-	1,270
Hot Lunch	40,301	10,000	30,301	4,945	12,156	6,817
June Jamoboree/"NEW EVENT"	(2,482)	5,000	(7,482)	1,199	9,710	11,676
Monster Mash & Pumpkin Patch	3,743	3,500	243	3,509	2,519	-
Purdy's Chocolates - Christmas	2,701	2,000	701	2,488	2,239	1,754
Purdy's Chocolates - Easter	-	-	-	418	391	562
QSP Magazine	807	800	7	1,187	859	796
Recycling Revenue	-	-	-	-	262	207
Sports Day	(113)	(200)	87	(151)	(703)	(369)
Spring Flower Baskets	-	1,200	(1,200)	1,118	1,206	1,308
Sweatshirts/Entertainment Books	35	-	35	(1)	525	849
Winter Market (net of donation)	613	800	(187)	838	1,300	1,334
TOTAL FUNDRAISING	77,139	35,250	41,889	40,904	59,249	33,434
USE OF FUNDS						
100km/Blenheim house	-	(200)	200	-	(194)	(149)
Band Instruments - Guitars (Xylophone)	-	(2,300)	2,300	(1,701)	-	(1,008)
Circus Kids Program	(5,558)	(6,400)	842	-	-	-
Classroom Funding	(6,420)	(6,420)	-	(6,360)	(8,500)	(5,100)
Computers (30 laptops)	(634)	-	(634)	(10,278)	(8,947)	(912)
Computers (10 ipad minis)	-	-	-	(3,367)	-	-
Cross Country Flag	-	-	-	-	(429)	-
Garden/Playground	-	-	-	(7,298)	(7,211)	-
Grade 7 Leaving	250	-	250	(750)	(516)	(333)
Guitars for Music Program	-	-	-	-	-	(1,597)
High Jump Equipment	-	-	-	-	(2,778)	(429)
Inside Games/Hokki Stools	-	-	-	(2,247)	(25)	(925)
Jerseys - sports	(1,155)	(1,000)	(155)	-	-	-
Library Furniture	-	-	-	(1,485)	(4,526)	(725)
Library Support	-	-	-	(1,030)	(2,105)	(1,000)
Locker painting	-	-	-	(968)	-	-
New Curriculum support (books, resources)	-	-	-	(1,265)	-	-
Novels - Intermediate	-	-	-	(2,166)	(1,447)	-
Outside Equipment bins & Equipment	(461)	(3,400)	2,939	-	-	-
PAC Parent Education	-	(1,200)	1,200	(571)	-	(1,645)
Patrol Support	-	(400)	400	(360)	(420)	(450)
Project Chef/Portable stereos for classrooms	-	-	-	(7,000)	-	(4,526)
Primary book room	-	-	-	(664)	(666)	(1,000)
Safe Teen	(848)	(700)	(148)	(683)	(1,313)	(630)
Software Memberships/Pinnies	-	(201)	201	(2,114)	(2,391)	-
Smartboard Notebook/Wireless speakers&docm t	-	-	-	-	(725)	-
Technology	(11,231)	(13,498)	2,268	(1,908)	-	-
Yearbook	-	-	-	-	-	(413)
Other misc.	(160)	(1,000)	840	(3,479)	(958)	(1,621)
	(26,217)	(36,719)	10,502	(55,691)	(43,149)	(22,463)
(*) Budget carry over from PY						
REVENUE OVER EXPENSES	50,922	(1,469)	52,391	(14,787)	16,100	10,970
GAMING						
Gaming Direct funds	8,160	8,160	-	7,880	8,956	7,760
June Jamboree Raffle	-	-	-	-	2,433	2,140
Interest	3	10	(7)	8	7	4
Tennis (Badminton) program	-	(3,360)	3,360	-	(2,424)	-
Circus Kids Program (25%) (Dance program)	-	-	-	-	(3,827)	-
Gymsense	-	-	-	(6,485)	-	(4,305)
Performance Groups	(250)	(3,600)	3,350	(2,546)	(2,425)	(2,171)
Playground	-	-	-	-	-	-
Projector - gymnasium	-	-	-	-	-	(2,000)
Sports Equipment (Volleyball)	-	-	-	(754)	(3,820)	-
NET GAMING	7,913	1,210	6,703	(1,897)	(1,100)	1,429
PLAYGROUND FUND						
Playground Building Donation	-	-	-	-	-	33,000
Outdoor classroom	-	-	-	-	-	(302)
Building Supplies	-	-	-	-	-	(16,519)
NET PLAYGROUND	-	-	-	-	-	16,179
LEGACY FUND						
Replenish fund	-	-	-	-	-	17,000
NET LEGACY	-	-	-	-	-	17,000

# **Lead in Drinking Water at Carnarvon PAC meeting Feb 20, 2018**

Lesley Horton MD CCFP and concerned mother

## **What is lead and why does it matter?**

- Lead is a soft metal that was often used in plumbing until 1986
- Lead can leach into water, especially if it is standing in pipes overnight or longer
- Lead is very toxic, particularly to the brain and can cause irreversible cognitive and intellectual impairment, with decrease in IQ, and/or poor focus and concentration, behavioural problems, anxiety, irritability, fatigue, headache
- Children absorb lead 4-5 times greater than adults
- **There is no safe level of exposure** ( WHO, American Pediatric Association, Health Canada)

## **Why and when was Carnarvon's water tested?**

- The Ministry of Education mandated in 2016 that all schools built before 1990 have water testing for lead
- Carnarvon was tested in June 2016 and Sept 2016 -only 3 taps were tested, in contradiction to Health Canada's guidelines to test all water sources in schools (see below)

## **What were the results?**

- June 24 2016 : Lead : **0.0427 mg/L**, 0.00344 mg/L, 0.00176 mg/L
- Should be < 0.010 mg/L or < 10 parts per billion
- The American Pediatric Society says 1 part per billion is acceptable
- Sept 29 2016: 1 tap retested after 5 minutes of flushing – 0.00731 mg/L

## **Why were only 3 taps tested at Carnarvon when Health Canada says to test every drinking location in a school?**

<https://www.canada.ca/en/health-canada/programs/consultation-lead-drinking-water/document.html>

### **Health Canada Section 5.1.2 Sampling to assess exposure to lead from drinking water,**

...The authors found high lead levels were highly variable (lead concentrations varied by a factor of 10–2000 between taps) within large buildings and system- wide. They also confirmed that concentrations of lead at a specific tap cannot predict the lead concentrations for other taps in a building and further support the need to sample every tap in schools and daycares.

***No representative sampling site can be established for most schools, thereby requiring the sampling of every drinking water location to assess exposure of children in the schools.*** (U.S. EPA, 2006a; Health Canada, 2009b; Schock and Lytle, 2011)

## **Was the sampling method reliable?**

- No- it was done at 10 am on a Tuesday morning- doesn't follow testing protocol as per EPA
- **Environmental Protection Agency states "** Outlets must be inactive for at least 6 to 8 hours before testing. (Overnight is best.)
- Take a "first draw" 250 ml\*\* sample at each outlet. A "first draw" is the water that is the first to come out of the tap after the period of inactivity. <https://www.epa.gov/dwreginfo/3ts-reducing-lead-drinking-water-testing>

## **What is the normal course of action to notify parents of a harmful substance found in the school where students are exposed daily to it? Was this followed?**



### What's been done so far?

- Signs went up above water fountains to flush for 5 minutes in December 2017 but no explanation given to students or parents
- Most adults won't stand there for 5 minutes to flush – will kids? Especially when not informed why it's important?
- What about children who can't read yet?

### Is flushing the taps for 5 minutes adequate?

- It's an adequate short-term solution, IF flushing occurs very frequently Dr. Bruce Lanphear at SFU who studies the effects of lead in children, says "flushing water through pipes is a temporary solution, noting it may only be good for an hour or two, as often time lead concentrations can build up again quite quickly." (source: Vancouver Sun Set 17, 2017 article)
- Fleming, the education minister, agreed that flushing is not a long-term solution to reduce lead in drinking water in schools.

### What are other solutions?

- New plumbing – in Surrey "the district has installed 271 new drinking fountains, 2,462 new sink faucets, 236 new bubblers and 239 filters in an effort to reduce lead in drinking water." Abbotsford also replaced fixtures and piping for a permanent solution. VSB??
- Automated flushing system as a medium-term solution- "the district is planning to install an automated flushing system for water lines at 63 schools built before 1990."
- In Victoria, "The district responded by installing in-line filters, about 500 so far, and making plumbing changes that allow filters to be easily changed, at a cost of about \$200,000."

### Sources

1. Vancouver Sun article <http://vancouversun.com/news/local-news/more-than-half-of-b-c-s-school-districts-had-unsafe-lead-levels-in-drinking-water-sources-in-2016>
2. Center for Disease Control in US- about lead and its effects  
<https://www.cdc.gov/biomonitoring/Lead/BiomonitoringSummary.html>
3. Health Canada Water Talk  
<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/water-talk-minimizing-exposure-lead-drinking-water-distribution-systems.html>
4. American Pediatric Association – No Level of Lead Exposure is Safe  
<https://www.aap.org/en-us/about-the-aap/aap-press-room/pages/With-No-Amount-of-Lead-Exposure-Safe-for-Children,-American-Academy-of-Pediatrics-Calls-For-Stricter-Regulations.aspx>
5. VSB testing and Carnarvon results  
<https://www.vsb.bc.ca/vsb-water-testing-results-and-protocols>  
<https://www.vsb.bc.ca/sites/default/files/water/CARNARVON-2.pdf>