



CVRD

COWICHAN VALLEY REGIONAL DISTRICT

NOTICE OF REGULAR BOARD MEETING

DATE: Wednesday, March 14, 2018

**TIME: REGULAR SESSION
6:30 PM**

**PLACE: BOARD ROOM
175 INGRAM STREET**

A handwritten signature in black ink, appearing to be 'KH', with a long horizontal stroke extending to the right.

**Kathleen Harrison
DEPUTY CORPORATE SECRETARY**



CVRD

REGULAR BOARD MEETING AGENDA

Wednesday, March 14, 2018

6:30 PM - Boardroom

1. **APPROVAL OF AGENDA**

2. **ADOPTION OF MINUTES**

M1 Regular Board Meeting of February 28, 2018

Recommendation

That the minutes of the Regular Board meeting of February 28, 2018 be adopted.

3. **BUSINESS ARISING FROM THE MINUTES**

4. **PUBLIC INPUT PERIOD**

The purpose of the Public Input Period is to provide the public with an opportunity to comment on an agenda item before the Board / Committee / Commission considers the item. The Public Input Period Procedure Policy provides for the public input period to proceed in a timely fashion. Public Input Period items cannot include matters which are, or have been, the subject of a Public Hearing.

5. **DELEGATIONS**

D1 Carolyn Dowell, Shawnigan Bioremediation Society Re: Overview of Bioremediation Techniques

Recommendation

For information.

6. **REPORT OF THE CHAIRPERSON**

7. **CORRESPONDENCE**

C1 Mark Ruttan, Director Corporate Services, Municipality of North Cowichan
Re: BC Senior Games

Recommendation

That a report be prepared regarding implications for the Cowichan Valley Regional District to host the 2020, 2021, or 2022 BC Senior Games.

8. INFORMATION

9. COMMITTEE/COMMISSION REPORTS

CR1 Report and Recommendations of the Regional Services Committee Meeting of February 28, 2018 – Director Iannidinaro

Recommendation

1. That the Electoral Area Parks Commissions' appointments be extended to December 31, 2018.
2. That the report from the Corporate Secretary Re: Options and Timing for Seeking Public Approval – Regional Grant-in-Aid Service Establishment proposal be deferred to 2019 for consideration.

CR2 Report and Recommendations of the Electoral Area Services Committee Meeting of March 7, 2018 - Director Morrison

Recommendation

1. That the request to close the portion of Watson Road between Heigh Street and Fisher Road on May 5 and 6, 2018, be supported.
2. 1. That the Certificate of Sufficiency confirming that a sufficient petition requesting inclusion into the Twin Cedars Sewer System Service Area be received.
2. That CVRD Bylaw No. 2871 – Twin Cedars Sewer System Service Establishment Bylaw, 2006, be amended to include the property described as PID 006-913-920.
3. 1. That the Certificate of Sufficiency confirming that a sufficient petition requesting inclusion into the Cowichan Bay Sewer System Service Area be received.
2. That CVRD Bylaw No. 2128 – Cowichan Bay Sewer System Service Establishment Bylaw, 2000, be amended to include the property described as Lot 2, Plan VIP34963, Section 5, Range 5, Cowichan Land District, PID 000-313-335.
4. That the fireworks discharge permit for the 2018 Annual Brentwood Regatta at 2735 Mount Baker Road in Mill Bay on April 27, 2018, be approved.

Electoral Area Directors only vote on the following under Part 14 - Planning and Land Use Management of the Local Government Act:

5. 1. That Zoning Amendment Bylaw for Application No. 03-H-16RS (13271 Simpson Road) be forwarded to the Board for consideration of 1st and 2nd readings;

2. That referrals to Ministry of Transportation and Infrastructure (Nanaimo), Island Health Nanaimo), North Oyster Volunteer Fire Department, Regional District of Nanaimo, Agricultural Land Commission and Nanaimo Airport Commission be accepted;

3. That a covenant be drafted to secure proposed amenities and environmental protection measures; and

4. That a public hearing be scheduled with Directors from Electoral Areas H, G and E as delegates.

6. That Application No. 01-A-17DVP (653 Sentinel Road) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 7.97 metres be approved.

7. That Application No. 02-A-17DVP (668 Sentinel Drive) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 8.06 metres be approved.

8. That Application No. 03-A-17DVP (649 Sentinel Drive) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 8.7 metres be approved.

9. 1. That Development Permit Application No. 22-D-17DP be approved;

2. That Sections 2.4(2)(j) and 2.4(2)(k) of Zoning Bylaw No. 3705 be varied by eliminating respective requirements for paved parking area and installation of oil-water separators; and

3. That the General Manager of Land Use Services be authorized to permit minor revisions to the permit in accordance with the intent of development permit guidelines of Official Community Plan Bylaw No. 3605.

CR3 Report and Recommendations of the Shawnigan Lake Recreation Centre Commission Meeting of February 19, 2018 - Director Acton

Recommendation

That the policy around length of time/hours of electric charge stations be reviewed.

10. DIRECTOR REPORTS

11. STAFF REPORTS

12. PUBLIC HEARINGS

13. BYLAWS

B1 "CVRD Bylaw No. 4183 – Electoral Area I Community Parks Capital Reserve Fund Expenditure (Arbutus Park Revitalization Project Phase II - \$27,500) Bylaw, 2018", be granted 1st, 2nd and 3rd reading.

"CVRD Bylaw No. 4183 – Electoral Area I Community Parks Capital Reserve Fund Expenditure (Arbutus Park Revitalization Project Phase II - \$27,500) Bylaw, 2018", be adopted.

Recommendation

14. BYLAWS - ELECTORAL AREA DIRECTORS

BEA1 "CVRD Bylaw No. 4180 - Electoral Areas A & C - South Cowichan Zoning Amendment Bylaw (3576 Holland Avenue), 2018", be granted 1st and 2nd reading

Recommendation

15. RESOLUTIONS

16. UNFINISHED BUSINESS

17. NOTICE OF MOTION

18. NEW BUSINESS

19. QUESTION PERIOD

Questions shall be addressed to the Chair and must be truly questions and not statements of opinions. Questioners are not permitted to make a speech.

20. CLOSED SESSION

Motion that the Closed Session agenda be approved, and that the meeting be closed to the public in accordance with the *Community Charter* Part 4, Division 3, Section 90, subsections as noted in accordance with each agenda item.

21. ADJOURNMENT

Minutes of the Regular meeting of the Board of the Cowichan Valley Regional District held in the Board Room, 175 Ingram Street, Duncan BC, on Wednesday, February 28, 2018 at 1:34 PM.

PRESENT Chair J. Lefebure
Director S. Acton
Director B. Day
Director K. Davis
Director M. Dorey
Director L. Iannidinardo
Director S. Jackson
Director K. Kuhn
Director M. Marcotte
Director K. Marsh
Director I. Morrison
Director A. Nicholson
Director A. Stone
Director T. Walker
Alternate Director C. Morris

ALSO PRESENT B. Carruthers, Chief Administrative Officer
J. Barry, Corporate Secretary
M. Kueber, General Manager, Corporate Services
R. Blackwell, General Manager, Land Use Services
J. Elzinga, General Manager, Community Service
B. Mohan, Manager, Human Resources,
S. Carlow, Legislative Assistant

ABSENT Director M. Clement

APPROVAL OF AGENDA

18-119 It was moved and seconded that the agenda be amended by moving Item C2 directly after adoption of the minutes, and with the addition of one New Business item:

NB1 Report from Director I. Morrison Re: 2018 Regional Grant-in-Aid Program; and

that the agenda as amended be adopted.

MOTION CARRIED

ADOPTION OF MINUTES

M1 Regular Board Meeting of February 14, 2018

18-120 **It was moved and seconded that the minutes of the February 14, 2018 Regular Board meeting be adopted.**

MOTION CARRIED

C2 Correspondence from Karen Berezcki, Administrator, Board of Trustees, Shawnigan Improvement District Re: Request for Resolution of Support for Crown Land Tenure Application, was received for information.

18-121 **It was moved and seconded that the request from the Shawnigan Improvement District for a resolution of support for its Crown Land Tenure application be referred to staff for a report, on any possible implications for the CVRD.**

MOTION CARRIED

DELEGATIONS

D1 Judy Stafford, Executive Director, Cowichan Green Community Re: 2017 Year in Review

Judy Stafford, Executive Director, Cowichan Green Community (CGC), presented a video of the CGC's 2017 year in review, outlining their ongoing projects, initiatives, and accomplishments, for information.

D2 Bruce Mason, President, Ladysmith Little Theatre Society Re: Overview of the Ladysmith Little Theatre Society

Bruce Mason, President, Ladysmith Little Theatre Society, provided an overview and video presentation on the society's history and current projects, including the purchase of the building where the theatre is housed, for information.

REPORT OF THE CHAIRPERSON

RC1 The Chair provided a report on a recent visit to Provincial Ministers, and ministerial staff, regarding the Cowichan Watershed Board and the proposed new service. He highlighted the importance of the implications of this proffered governance as it relates to the new *Water Sustainability Act* and ongoing first nations engagement and truth and reconciliation work with Cowichan Tribes.

CORRESPONDENCE

C1 Correspondence from Councillor Colin Plant, Chair, District of Saanich Traffic Safety Commission & Capital Regional District Director Re: Point to Point Malahat Speed Enforcement Campaign, was received for information.

C2 Item C2 was dealt with earlier in the meeting.

C3 Correspondence from the Cowichan Valley Amateur Radio Society Re: Request for Lease of Property at Bings Creek Solid Waste Management Complex for an Operations Base

18-122 It was moved and seconded that the request from the Cowichan Valley Amateur Radio Society (CVARS) for a lease of property at the Bings Creek Solid Waste Management Complex as an Operations Base be referred to staff for a report, exploring if and how the CVARS request might be accommodated.

MOTION CARRIED

C4 Correspondence from Dr. Bruce Fraser, President, Shawnigan Basin Society Re: Funding Change, was received for information.

COMMITTEE/COMMISSION REPORTS

CR1 Report and Recommendations of the Electoral Area Services Committee Meeting of February 21, 2018

18-123 It was moved and seconded:

1. That a Grant-in-Aid, Electoral Area D – Cowichan Bay, in the amount of \$1,000 be provided to the Saanich Inlet Protection Society to support its Roundtable Forum Event on March 17, 2018.
2.
 1. That the 2018 Budget for Function 469 – Cowichan Station Association – Area E be amended to increase Grant to Organization by \$10,000 and increase Transfer from Gas Tax Reserve by \$10,000;
 2. That the expenditures from the Function 469 – Cowichan Station Association – Area E 2018 Budget amendment be authorized to proceed prior to approval of the 2018 Budget amendment;
 3. That the 2018 Budget for 466 - Recreation Cobble Hill Hall be amended to increase Grant to Organization by \$1,732 and increase Transfer from Gas Tax Reserve by \$1,732; and
 4. That the expenditures from the Function 466 – Recreation Cobble Hill 2018 Budget amendment be authorized to proceed prior to approval of the 2018 Budget amendment.
3.
 1. That the 2018 budget for Function 801 - Brulette Place Sewer System be amended to:
 1. Increase capital engineering structures by \$54,174;
 2. Increase Municipal Finance Authority (MFA) long term borrowing of \$18,192; and
 3. Increase transfer from Community Works Fund (CWF) gas tax reserves to \$35,982 for completion of new sewer treatment plant.
 2. That Function 801 – Brulette Place Sewer System 2018 Budget amendments be authorized to proceed prior to approval of the 2018 Budget amendment.
4.
 1. That the 2018 Budget for Function 815 - Arbutus Ridge Sewer System be amended to:

1. Increase capital engineering structures by \$297,404;
 2. Increase Municipal Finance Authority (MFA) long term borrowing of \$225,000;
 3. Increase transfer from capital reserves of \$61,202; and
 4. Increase transfer from Community Works Fund (CWF) gas tax reserves of \$11,202 for contribution to new sewer treatment plant and disposal field.
- 5.
1. That the 2018 Budget for Function 604 - Lambourn Estates Water System be amended to:
 1. Increase minor capital by \$75,000; and
 2. Increase transfer from Community Works Fund (CWF) gas tax reserves of \$75,000 for completion of a metering project.
 2. That Function 604 – Lambourn Estates Water System 2018 Budget amendments be authorized to proceed prior to approval of the 2018 Budget amendment.
- 6.
1. That the 2018 Budget for Function 619 - Burnum Water System be amended to:
 1. Increase minor capital by \$26,000; and
 2. Increase transfer from Community Works Fund (CWF) gas tax reserves of \$26,000 for contribution to a water treatment and storage project.
- 7.
1. That the 2018 Budget for Function 640 - Saltair Water System be amended to:
 1. Increase capital engineering structures by \$535,535;
 2. Increase Community Works Fund (CWF) gas tax reserves by \$20,000;
 3. Increase transfer from capital reserves \$50,535;
 4. Increase transfer from operating reserve \$220,000; and
 5. Increase capital surplus of 2017 by \$245,000 for contribution to a water distribution upgrade, Old Victoria Road distribution upgrade, and a well and or treatment upgrade.
- 8.
1. That the 2018 Budget for Function 653 - Youbou Water System be amended to:
 1. Increase capital engineering structures by \$125,500; and
 2. Increase transfer from operating reserves of \$125,500 for completion of a well and distribution upgrade.
- 9.
1. That the 2018 Budget for Function 660 - Honeymoon Bay Water System be amended to:
 1. Increase capital engineering structures by \$38,310; and
 2. Increase transfer from Community Works Fund (CWF) gas tax reserve of \$38,310 for completion of a well upgrade.

10.
 1. That the 2018 Budget for Function 680 - Shawnigan Lake North Water System be amended to:
 1. Increase minor capital by \$82,529;
 2. Increase recovery of costs by \$82,529, for completion of the metering project;
 3. Increase capital engineering structures by \$37,872; and
 4. Increase transfer from reserve of \$37,872 for contribution to the treatment and or well upgrade projects.
 2. That Function 680 - Shawnigan Lake North Water System 2018 Budget amendments be authorized to proceed prior to approval of the 2018 Budget amendment.

11. That the Director for Electoral Area B – Shawnigan Lake be authorized to attend training at the Social Change Institute, Tools, Connections & Leadership Workshop on June 20-24, 2018, at a cost of \$1,476 plus travel.

MOTION CARRIED

18-124

It was moved and seconded:

12.
 1. That the Zoning Amendment Bylaw for Application No. 03-C-17RS (3576 Holland Avenue) be forwarded to the Board for consideration of first and second reading;
 2. That the referrals to BC Transit, Cobble Hill Improvement District, Cowichan Tribes, Island Health, and the Ministry of Transportation and Infrastructure be accepted;
 3. That a public hearing be waived in accordance with Section 464(2) of the *Local Government Act* as the proposed Zoning Amendment is consistent with the South Cowichan Official Community Plan; and
 4. That prior to consideration of final bylaw adoption, a sewer petition be signed; the sewer connection fee be paid; and the deposit for the sewer works be provided.

MOTION CARRIED

CR2

Report and Recommendations of the Regional Services Committee meeting of February 28, 2018

18-125

It was moved and seconded:

1.
 1. That the 2018 Budget for Function 280 – Regional Parks be amended to:
 1. Increase transfer from federal conditional grants by \$33,435; and
 2. Increase consulting services by \$33,435.
 2. That the 2018 Budget for Function 520 – Solid Waste Management Complex be amended to:
 1. Increase transfer from federal conditional grant revenue by \$11,015; and

2. Increase Asset Management Expenses by \$11,015.
3. That the 2018 Budget for Function 571 – Asset Management be amended to:
 1. Increase transfer from federal conditional grant revenue by \$141,000;
 2. Increase transfer from provincial conditional grant revenue by \$15,000;
 3. Increase training expenses by \$4,500;
 4. Increase consulting services by \$141,500; and
 5. Increase wages by \$10,000.
4. That Function 280 – Regional Parks, Function 520 – Solid Waste Management Complex, and Function 571 – Asset Management Budget amendments be authorized to proceed prior to approval of the 2018 Budget amendment.
2.
 1. That short-term borrowing of up to \$175,000 be approved for purchase of a replacement loader at the Bings Creek Solid Waste Management Complex, to be paid back over five years as per the Liabilities under Agreement Section 175 of the *Community Charter*; and
 2. That short-term borrowing of up to \$50,000 be approved for the purchase of a pickup truck for solid waste operations, to be paid back over five years as per the Liabilities under Agreement Section 175 of the *Community Charter*.
3.
 1. That the Tourism Cowichan Society be approved \$15,888 from the Tourism Operating Reserve for destination marketing activities.
 2. That Function 123 – Regional Tourism 2018 Budget be amended to increase Transfer from Operating Reserve by \$15,888 and increase Grant to Organization by \$15,888.
 3. That Function 123 – Regional Tourism 2018 Budget amendment be authorized to proceed prior to approval of the 2018 Budget amendment.
4. That the Cowichan Valley Regional District is authorized to borrow from, and incur other obligations to, BMO with respect to the Bank of Montreal's Commercial Card Program.
5. That the Cowichan Valley Regional District join the Community Benefit Hub to advance Strategic Procurement as a founding member.
6.
 1. That the 2018 Cowichan Valley Regional Hospital District (CVRHD) budget as presented be forwarded to the Hospital Board for consideration.
 2. That up to \$5,220,000 in expenditures be approved as the CVRHD's contribution to the capital cost of building a new hospice facility, with funds to come from the capital reserve

- fund.
3. That \$2,960,000 of unallocated contingency funds be used to cover the CVRHD's 40% share of the 2018 Major Capital Projects.

STAFF REPORTS

SR1 Staff Report from the Legislative Services Division Re: Chief Election Officer and Deputy Chief Election Officer Appointments

18-126 It was moved and seconded:

1. That Kathleen Harrison be appointed Chief Election Officer for the 2018 General Local Election.
2. That Shannon Carlow be appointed Deputy Chief Election Officer for the 2018 General Local Election.

MOTION CARRIED

SR2 Staff Report from the Human Resources Division Re: *Income Tax Act* Changes Impacting Elected Officials in 2019, was received for information.

18-127 It was moved and seconded that further information regarding the implications of *Income Tax Act* changes be brought back to a future Board meeting, once the information is received by staff.

MOTION CARRIED

PUBLIC HEARINGS

PH1 Public Hearing Report, Minutes and Exhibits Re: "CVRD Bylaw No. 4170 - South Cowichan Official Community Plan Amendment Bylaw (1975 Renfrew Road), 2018" and "CVRD Bylaw No. 4171 - Electoral Area B - Shawnigan Lake Zoning Amendment Bylaw (1975 Renfrew Road), 2018"

18-128 Public Hearing Report, Minutes and Exhibits Re: "CVRD Bylaw No. 4170 - South Cowichan Official Community Plan Amendment Bylaw (1975 Renfrew Road), 2018" and "CVRD Bylaw No. 4171 - Electoral Area B - Shawnigan Lake Zoning Amendment Bylaw (1975 Renfrew Road), 2018", be received.

MOTION CARRIED

BYLAWS

B1
18-129 It was moved and seconded that "CVRD Bylaw No. 4181 – North Oyster Fire Protection Service Amendment (Requisition Limit Increase) Bylaw, 2018", be adopted.

MOTION CARRIED

**B2
18-130** It was moved and seconded that "CVRD Bylaw No. 4188 – Five Year Financial Plan (2018 – 2022) Amendment Bylaw, 2018" be granted 1st, 2nd and 3rd reading.

MOTION CARRIED

BYLAWS - ELECTORAL AREA DIRECTORS

**BEA1
18-131** It was moved and seconded that "CVRD Bylaw No. 4154 - Electoral Areas A & C - South Cowichan Zoning Amendment Bylaw (PID: 024-611-859), 2017", be adopted.

MOTION CARRIED

**BEA2
18-132** It was moved and seconded that "CVRD Bylaw No. 4170 - South Cowichan Official Community Plan Amendment Bylaw (1975 Renfrew Road), 2018", be granted 3rd reading.

MOTION CARRIED

18-133 It was moved and seconded that "CVRD Bylaw No. 4170 - South Cowichan Official Community Plan Amendment Bylaw (1975 Renfrew Road), 2018", be adopted.

MOTION CARRIED

**BEA3
18-134** It was moved and seconded that "CVRD Bylaw No. 4171 - Electoral Area B - Shawnigan Lake Zoning Amendment Bylaw (1975 Renfrew Road), 2018", be granted 3rd reading.

MOTION CARRIED

18-135 It was moved and seconded that "CVRD Bylaw No. 4171 - Electoral Area B - Shawnigan Lake Zoning Amendment Bylaw (1975 Renfrew Road), 2018", be adopted.

MOTION CARRIED

NEW BUSINESS

NB1 Report from Director I. Morrison Re: 2018 Regional Grant-in-Aid Program

18-136 It was moved and seconded that the deadline of March 23, 2018 for 2018 Regional Grant-in-Aid applications be waived.

Opposed: Director Lefebure, Director Davis, Director Clement, Director Acton, Director Iannidinardo, Director Dorey, Director Marcotte, Director Kuhn, Director Walker, Director Day, Director Jackson, and Director Stone.

MOTION DEFEATED

18-137 It was moved and seconded that the acceptance of late Regional Grant-in-Aid applications as outlined in the associated policy be waived, and that an application from Windfest at Nitinat be accepted as a late application.

Opposed: Director Lefebure, Director Davis, Director Clement, Director Acton, Director Iannidinardo, Director Dorey, Director Marcotte, Director Kuhn, Director Walker, Director Day, Director Jackson, Director Marsh, Director Nicholson, and Director Stone.

MOTION DEFEATED

CLOSED SESSION

18-138 It was moved and seconded that the meeting be closed to the public in accordance with the *Community Charter* Part 4, Division 3, Section 90
3:14 PM (1)(a) Appointments (2 Items); (1)(c) Employee Relations; and the adoption of the Closed Session Regular Board minutes of February 14, 2018.

MOTION CARRIED

RISE FROM CLOSED SESSION

18-142 It was moved and seconded that the Board rise with report on Items CSCR1 and CSRES1, and return to the Open portion of the meeting.

MOTION CARRIED

18-140 It was moved and seconded:

1. That Mike Williams be appointed to the Cowichan 2018 BC Summer Games Board of Directors (for Sport), in a co-director role with the current director for sport, Chris Mann, replacing Garrett Elliott.
2. That Jennifer Ertel be appointed to the Cowichan 2018 BC Summer Games Board of Directors (for Protocol), replacing Tamara Leigh.

MOTION CARRIED

18-141 It was moved and seconded that that Rose Darling be appointed to the Electoral Area F – Cowichan Lake South/Skutz Falls Parks and Recreation Commission for a term expiring on December 31, 2018.

MOTION CARRIED

ADJOURNMENT

18-143 **It was moved and seconded that the meeting be adjourned.**
4:38 PM

MOTION CARRIED

The meeting adjourned at 4:38 PM.

Certified Correct:

Chairperson

Corporate Secretary

Dated: _____

Shannon Carlow

From: noreply@civicplus.com
Sent: Friday, February 16, 2018 11:40 AM
To: Shannon Carlow; Tara Daly
Subject: Online Form Submittal: Regular Board Meeting

Regular Board Meeting

Request to Appear as a Delegation at the Board

Board meetings start at 6:30 p.m. on the second Wednesday and at 1:30 p.m. on the fourth Wednesday of the month in the CVRD Boardroom at 175 Ingram Street, Duncan. Please note the correct time for the meeting you have applied to attend.

Please Note: Contact information supplied by you and submitted with this form will become part of the public record and will be published in a meeting agenda that is posted online when this matter is before the Board. If you do not wish this contact information disclosed, please contact the FOI Coordinator at 250.746.2517 or 1.800.665.3955 to advise.

Meeting Date 3/14/2018

Contact Information

Contact Name carolyn dowell

Representing Shawnigan Bioremediation Society

Number Attending 1

Address 1885 cliffside rd.

City shawnigan lake

Province BC

Postal Code v0r 2w5

Telephone Number 2507332452

Reply Email cdowell0@telus.net

Presentation Topic and Nature of Request define & how to apply the techniques of bioremediation. bioremediation uses fungi, plants and bacteria to change toxins in our environment to non toxic substances. to educate the public on how to use bioremediation techniques.

Do you have a Yes
PowerPoint presentation?

Email not displaying correctly? [View it in your browser.](#)

Living in the Solution

Bioremediation at Shawnigan Lake

Evaluation only.
Created with Aspose.Slides for .NET 4.0 17.6.
Copyright 2004-2017Aspose Pty Ltd.

Presented by Carolyn Dowell

*Herbalist, permaculturist, and
organic master gardener*

cdowell0@telus.net



Shawnigan
Basin Society

Photo by Dave Hutchinson, 2015

Created by Mar Martínez, SBS

BIOREMEDIATION

What is it?

Bioremediation is the technique of **removing toxic substances** from the environment using living organisms

Evaluation only.

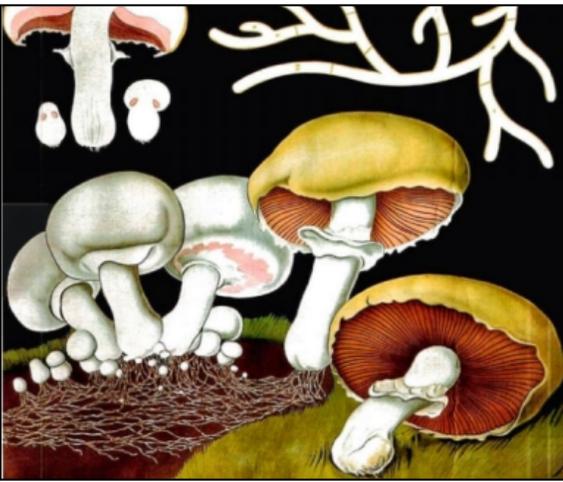
Created with Aspose.Slides for .NET 4.0 17.6.

Copyright 2004-2017 Aspose Pty Ltd.



**Who can use
this technique?**

ANYBODY

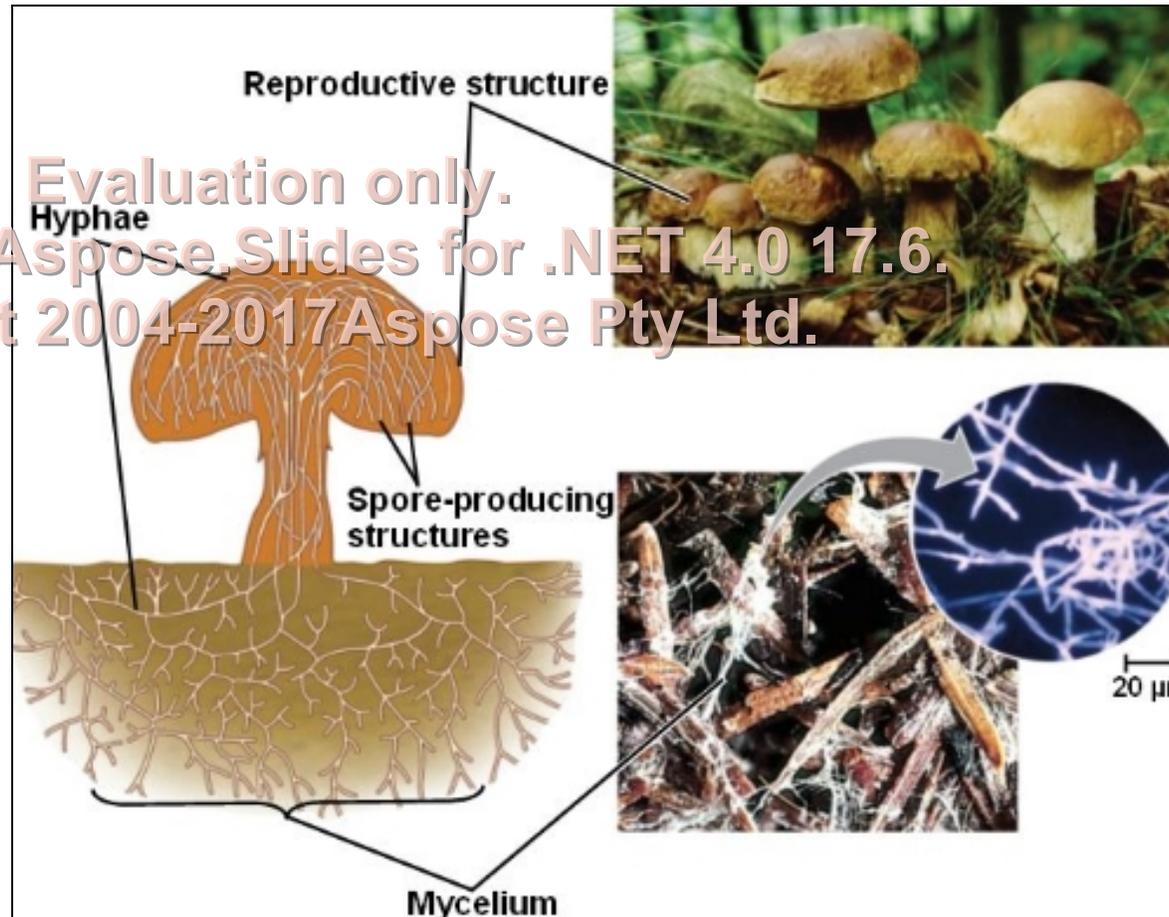


Fungi

Fungi and bacteria are essential for a healthy environment. Combined they support each other to remove toxic substances.

Mycelia are the parts of the fungi that do all the work for us

Mycelia are nature's internet



Evaluation only.
Created with Aspose Slides for .NET 4.0 17.6.
Copyright 2004-2017 Aspose Pty Ltd.

Plug Spawn in a bag



Logs &
Stumps



Evaluation only.

Created with Aspose.Slides for .NET 4.0 17.6.

Copyright 2004-2017 Aspose Pty Ltd.

Straw bales

Mycoboams



Plants: Phytoremediation

Phytoremediation is the use of plants to remove pollutants from the environment

CONTAMINANT	MAXIMUM LEVELS OF CONTAMINANT FOR:			TYPICAL PLANTS
	Multi Family Housing... ...Recreation...Park	Single Family Houses...Gardening... Playground	Farming Animals... ...Growing Food	
As Arsenic	16ppm	16ppm	13ppm	Chinese Brake Fern <i>Pteris vittata</i> L. Sunflower <i>Helianthus annuus</i> Highland Bent Grass <i>Agrostis castellana</i>
Cr Chromium	18ppm	50ppm	10ppm	Chinese Brake Fern <i>Pteris vittata</i> L. Pine Periwinkle <i>Thlaspi caerulescens</i> Slant Duckweed <i>Spirodela polyrhiza</i>
Pb Lead	10ppm	40ppm	8ppm	Chinese Brake Fern <i>Pteris vittata</i> L. Pine Periwinkle <i>Thlaspi caerulescens</i> Common Wheat <i>Triticum aestivum</i> Common Ragweed <i>Brassica oleracea</i>
Hg Mercury	0.81ppm	0.81ppm	0.18ppm	PHYTO STABILIZATION Mustard <i>Brassica juncea</i> L. Seapink Thrift <i>Armeria maritima</i> Rapeseed Plant <i>Brassica napus</i>
PCB Polychlorinated biphenyls	1ppm	1ppm	0.1ppm	Colorless to light yellow oily liquids or waxy solids. Accumulate in fish and marine mammals at much higher levels than in sediments and water. Paul's Scarlet Rose <i>Rosa</i> Zucchini <i>Curcubita pepo</i>
TCE Trichloroethylene	21ppm	1ppm	0.47ppm	PHYTO DEGRADATION Willow <i>Salix</i> Eastern cottonwoods <i>Populus deltoides</i>
MTBE Methyl tertiary butyl ether	100ppm	62ppm	0.93ppm	Typically used as a fuel additive in gasoline. Common in areas that were exposed to leakage from the gasoline storage and distribution systems. Pine <i>Pinus</i>
DDT Dichloro-phenyltri-chloroethane	7.9ppm	1.7ppm	0.0033ppm	Pumpkin <i>Curcubita</i>
PCP Pentachloro-pheno	6.7ppm	1.4ppm	0.8ppm	PHYTO DEGRADATION White rot fungus <i>Phanerochaete chrysosporium</i> Crested Wheatgrass <i>Agropyron cristatum</i>

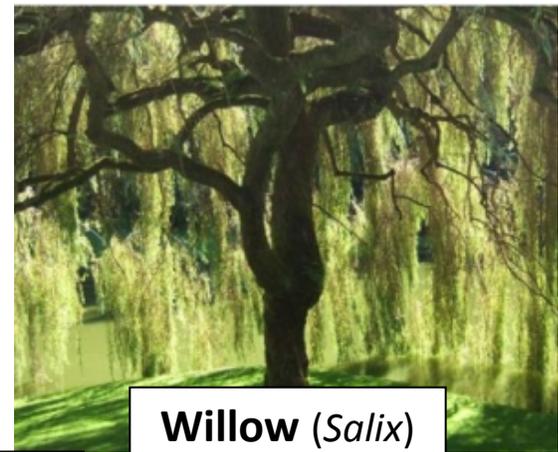
Evaluation only
Created with Aspose Slides for .NET 4.0 17.6.
Copyright 2004-2017 Aspose Pty Ltd.



Cattail - *Typha*

Plants: Wetlands

- Natural water filters
- Use local species



Willow (*Salix*)



Bulrush – Sedge family (*Carex, Scirpus* etc)

Cattail	removes heavy metals
Bulrush	uptake nitrates
Pondweed	removes PAHs
Duckweed	removes nitrogen & phosphorus
Iris & water hyacinth	remove heavy metals, organic & inorganic pollutants
Willow trees	uptake ethanol, benzene, & heavy metals



Iris



Pondweed (*Potamogeton*)



Duckweed (*Lemna*)



Water hyacinth

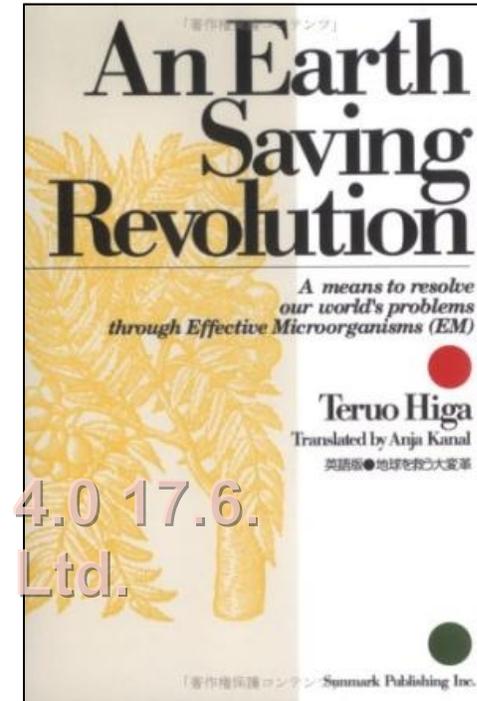
Evaluation only.
 Created with Aspose.Slides for .NET 4.0 17.6.
 Copyright 2004-2017 Aspose Pty Ltd.

What kinds of bacteria do I use for remediation?

Efficient Microorganisms (EM)

Dr. Teruo Higa travelled the world **collecting soil samples from the most productive sites**: He found the same microorganisms in the same ratio at every site.

He duplicated the same “mix” to combine into a ready-made product called *Efficient Microorganisms*.



Evaluation only.

Created with Aspose.Slides for .NET 4.0 17.6.
Copyright 2004-2017 Aspose Pty Ltd.



EM (Mother Culture)



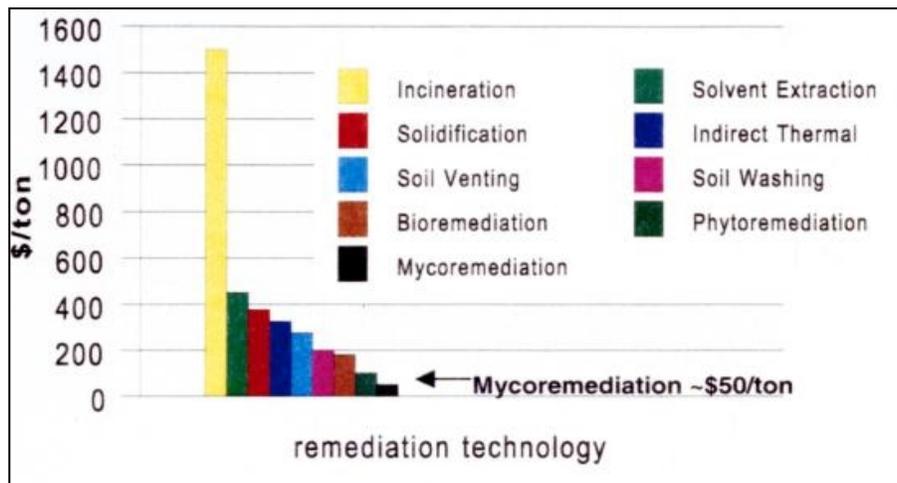
Effective microorganisms mother culture can be used straight from the bottle, or it can be activated first. Note that EM is sold under many brand names (you may have searched for em1, em-1, emro, biosa, efficient microbes, etc.) some better than others. This one from SCD called 'ProBio Balance Plus' is on par with the best of them, made by people who have studied under Dr. Teruo Higa.

[Info/Buy](#)

Economic Sense of Bioremediation

Bioremediation is a **low-cost, environmentally friendly** approach for **removing** or **neutralizing** oil, VOCs, and other contaminants.

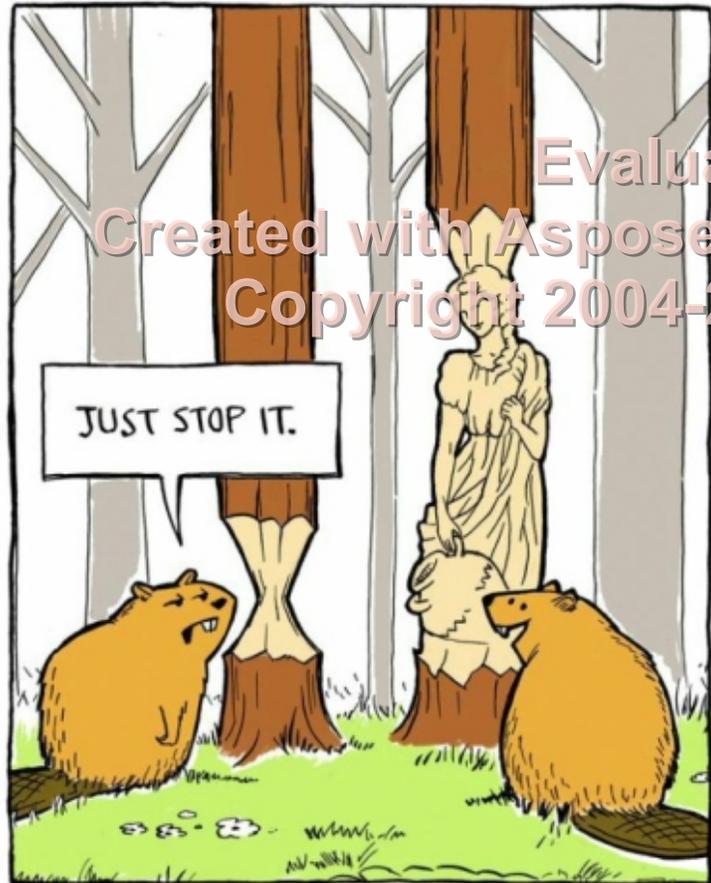
Approach	Substance			Environmental Friendliness	Cost	Time Required
	Oil	VOCs	Heavy metals			
Excavate and remove	●	●	●	🌿	¥ ¥ ¥ ¥ ¥	⌚
Soil gas absorption		●		🌿🌿	¥ ¥	⌚ ⌚ ⌚ ⌚
Groundwater extraction and treatment	●	●		🌿🌿	¥ ¥ ¥ ¥	⌚ ⌚ ⌚ ⌚
Chemical decomposition	●	●		🌿🌿	¥ ¥ ¥ ¥	⌚ ⌚
Bioremediation	●	●		🌿🌿🌿	¥ ¥	⌚ ⌚ ⌚



Costs associated with PAHs remediation
P. Stamets, 2012

WHAT to keep in mind?

Remediation methods **must be**
beaver friendly



Evaluation only.
Created with Aspose.Slides for .NET 4.0 17.6.
Copyright 2004-2017 Aspose Pty Ltd.



THANKS!

QUESTIONS?

Evaluation only.

Created with Aspose.Slides for .NET 4.0 17.6.

Copyright 2004-2017 Aspose Pty Ltd.





February 19, 2018

File: 0400-60 CVRD

Joe Barry, Corporate Secretary
Cowichan Valley Regional District
175 Ingram Street
Duncan, BC V9L 1N8

Dear Mr. Barry:

Re: BC Senior Games

This is to advise that the North Cowichan Municipal Council passed the following resolution at the February 7, 2018 Regular Council meeting:

"That Council refer the invitation to host the annual BC Senior Games to the Cowichan Valley Regional District for its consideration."

Enclosed for your review and consideration is the bid package from the BC Senior Games Society.

If you have any further questions please contact Ernie Mansueti, Director of Parks, Forestry and Recreation at 250-746-3100 or by email at ernie.mansueti@northcowichan.ca.

Sincerely,

A handwritten signature in blue ink that reads "Mark Ruttan".

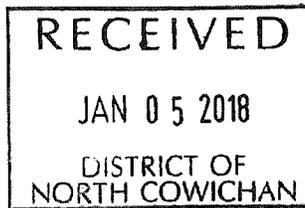
Mark Ruttan, BA, MPA, CMC,
Director of Corporate Services / Deputy CAO

mark.ruttan@northcowichan.ca

c: Ernie Mansueti, Director of Parks, Forestry and Recreation

Enclosure





To: Potential Host Communities

On behalf of the BC Seniors Games Society (BCSGS), it is our pleasure to invite your community to host the 2020, 2021 or 2022 annual 55+ BC Games to be held in August or September of each year. Your community may bid on any or all of these Games, however, only one will be awarded.

In 2015, the Games were rebranded to the 55+ BC Games, however, the BC Seniors Games Society is the owner, producer and primary funding source for these Games.

The BCSGS has made some changes which will make hosting them more viable for smaller communities and reduce the workload. In order to reduce the financial and organization demands on a community, the BCSGS has implemented the following policies:

- Provide for a conference call for smaller communities who are considering submitting a bid to discuss how they can combine with neighbouring communities to make a submission
- Consult with communities to match the number of sports held to the venues available.
- Reduce the workload of the Host Society Sport Directorate by increased collaboration with the Provincial Sport Organizations (PSOs) with the BCSGS

The 55+ BC Games has become an Economic Tourism Event for any community. The last economic study was completed after the 2014 Games in Langley where 3,800 55+ residents of BC participated in 25 sports, leaving over \$3,100,000.00 in the business community of Langley.

The BC Seniors Games Society assists the Host Community and Volunteers by providing Event Management Services along with a portion of all Participant registration and sports fees. Additionally, the Ministry of Tourism, Arts and Culture provides \$85,000.00 in funding.

The deadline for the bid proposals is 12 noon on June 29, 2018 to be received at 47-654 N. Fraser Dr., Quesnel, BC, V2J 1Z6.

If you have any questions regarding the bid process, please contact one of the members of the Bid Committee or via email bid@55plusbcgames.org.

Bob Hesketh at 250.255.0181
Paul Kingan at 250.338.2137
Gordon Oates at 250.665.7434

We look forward to receiving your bid proposal.

Sincerely

BCSGS Bid Committee

*Mayor + Council
E. Mansueti*



2020, 2021 and 2022 Bid Package

The BC Seniors Games Society invites you to apply to host

The 2020 55+ BC Games

August 18 to 22
or August 25 to 29
or September 15 to 19

The 2021 55+ BC Games

August 17 to 21
or August 24 to 28
or September 14 to 18

The 2022 55+ BC Games

August 16 to 20
or August 23 to 27
or September 13 to 17

Email: bid@55plusbcgames.org
Website: www.55plusbcgames.org

Table of Contents

INTRODUCTION.....	1
Purpose.....	1
Structure.....	1
The BC Seniors Games Society (BCSGS)	1
The Host Society.....	1
Number of Participants and Sports.....	2
Financial Support.....	2
Financial Benefits to the Community.....	3
Games Financial Legacy.....	3
Insurance.....	4
Volunteers.....	4
APPLICATION COMPONENTS	4
1) City Council Support.....	4
2) School Board Support	5
3) Letters of Support.....	5
4) Information about your Community.....	5
5) Accommodations.....	6
6) Core Event Venues	7
7) Venue Report and Relevant Information.....	8
Week at a Glance.....	8
Minimum Venue Requirements for Sports in the 55+ BC Games	9
Venue Report Form for Sports in the 55+ BC Games.....	13
Distance from the Accreditation Centre or Games Hub to each Venue	14
8) Number of Participants by Sport 2014-2017	15
9) Inclusive Language and Gender Policy.....	16
BID SUBMISSION INFORMATION	17
APPLICATION SUBMISSION FORMAT AND CHECK LIST	18
Appendix 1	19

55+ BC Games

INTRODUCTION

Purpose

The BCSGS is an important member of the Provincial Sport Sector, supporting the *Active for Life* stage of the *Canadian Sport for Life* model in British Columbia by championing life-long participation and by providing Zone and Provincial level competitive opportunities that are distinct from the Masters' level sport competitions offered by Provincial Sport Organizations.

The BCSGS has carved out a unique niche within the sector by offering a multi-sport event "designed for seniors by seniors". The annual Games are widely recognized for being:

Friendly – offering lively competition in the spirit of fun and camaraderie.

Welcoming – presenting competitive opportunities that are inclusive of all levels and abilities.

Supportive - featuring modified competition rules, where appropriate, to accommodate 55+ participants.

Transformative - participants, volunteers and host communities come away from the Games experience with an inspiring image of what a healthy, active 55+ lifestyle can be in British Columbia.

Structure

There are two organizations involved in organizing the Games: The BC Seniors Games Society and the Host Society.

The BC Seniors Games Society (BCSGS)

The BCSGS is the Policy Governance Authority for the 55+ BC Games. It sets the Policies and Procedures under which the Games are run and oversees the rules for each sport. The BCSGS is a volunteer-led Registered Charitable Society that has representation from 12 Zones in the Province, as well as an elected Executive. BCSGS will provide Event Management.

The Host Society

Once the 55+ BC Games have been awarded to a community, an Organizing Committee must be formed and registered as a separate non-profit Society, and register for GST. The Host Community will establish this Society, which will operate on the basis of an agreement with the BCSGS. The Host Society will be led by a volunteer Board of Directors. The Host Society will employ an Operations Manager. The remuneration for this position and other employees will come from the budget of the Host Society.

Number of Participants and Sports

The 55+ BC Games could involve 3,500 to as many as 4,000 registered participants and supporters from across BC. These athletes will compete in 20 to 34 different sports over four days of competition to be held from Wednesday to Saturday of the Games week. Accreditation for some events takes place on the Tuesday (those that start on Wednesday) the balance accredits on Wednesday.

8 Ball	Fast Pitch	Snooker
Archery	Five Pin Bowling	Soccer - Men
Badminton	Floor Curling	Soccer - Women
Bocce	Golf	Squash
Bridge – Duplicate	Horseshoes	Sturling
Bridge – Social	Ice Curling	Swimming
Carpet Bowling	Ice Hockey - Men	Table Tennis
Cribbage	Ice Hockey – Women	Tennis
Cycling	Karate	Track & Field
Darts	Lawn Bowling	Trapshooting
Dragon Boat Racing	Mountain Bike Racing	Triathlon
Equestrian	Pickleball	Whist
	Slo-Pitch	

*All communities must choose a minimum of 20 sports from the above list. Sports may be deleted from the list if not chosen for 4 consecutive years.

Participants in the 55+ BC Games are responsible for their own travel to and from the Games. They are also responsible for their own accommodation expenses (hotels, motels, and campgrounds) and meal expenses while at the Games.

Financial Support

The Ministry of Tourism, Arts and Culture, through the Sport Branch, provides funding to the BCSGS, which in turn provides funding to the Host Society towards the successful operation of the 55+ BC Games. The BCSGS also provides to the Host Society, Registration Fees for its members who participate (including supporters) in the 55+ BC Games. Other funding for the Games includes municipal financing and support in-kind. Other funding sources include Host Society fund raising initiatives including Corporate Sponsorships and Friends of the Games.

• BCSGS Grant (See Note 1 below)	\$ 85,000.00
• BCSGS Legacy Grant	\$ 5,000.00
• Participant/Supporter Registration Fees (See Note 2 below)	\$ 105,000.00
• Sports Fees (paid by participants)	\$ 45,000.00
• Municipal Financial Support (not including support in kind) (see Note 3 below)	\$ 60,000.00
• Other funding sources	TBD
• Support in Kind (free rental of venue etc.) is estimated at	\$ 55,000.00

Note: 1 The BCSGS Grant represents Provincial Government funding provided by the Ministry of Tourism, Arts & Culture and is subject to change based on Provincial budgetary amounts.

- Note: 2** Participant registration fees (collected by the BCSGS), forwarded to the Host Community, can be budgeted based on an estimated 3,300 registered participants and 100 supporters. Should the actual number of registered participants or supporters change, the amount forwarded will increase or decrease by \$30.00 per participant or \$20.00 per supporter.
- Note: 3** Municipal Financial Support in excess of \$60,000 minimum stated above will be given favourable consideration during the Bid Evaluation process.

Financial Benefits to the Community

This occurs in two ways: the economic impact and the Games financial legacy

Economic Impact

Cumulative dollars spent in your community during the 55+ BC Games by:

- Participants and Supporters
- Spectators (including participants family members as well as friends who accompany the participants)
- BCSGS, officials and spouses, Corporate and Funding Partners and Friends of the Games representatives and invited guests
- Volunteers
- Host Society (approximate expenditure budget of \$390,000.00)

Dollars are spent on:

- Accommodation
- Meals
- Transportation (fuel, public transit, and taxis)
- Shopping (includes souvenirs)
- Entertainment (shows, movies, golf fees, cultural exhibits, etc.)
- Host Community needs (for ceremonies, administration, communications, security, lunch venues and Dance, etc.)

All of the above, and more, contribute to the financial success of each community's numerous businesses and other activities; i.e. – the Economic Impact.;

Many communities have the methodology to calculate the economic impact from hosting the 55+ BC Games. If not, or as an alternative, the Chamber of Commerce can assist by making available the Sports Tourism Economic Assessment Model (STEAM).

The Economic Impact completed after the Langley BC Seniors Games in 2014 showed a direct Economic Impact of \$3.1 million. In 2009 the Economic Impact on completion of the Richmond Seniors Games was \$2.1 million.

Games Financial Legacy

The excess of revenue over expenditures as set out in the audited financial statements becomes the financial legacy. The Legacy is distributed by the Host Society Legacy Committee in accordance with the BC Seniors Games Society's Legacy Policy. The Legacy Policy includes the provision that 50% of the Legacy be forwarded to the BC Seniors Games Society to go towards the staging of future annual 55+ BC Games. The Host Society's legacy will be spent primarily on the development of facilities or services for the 55+ population to promote an Active Healthy Lifestyle within the boundaries of the Host Society.

In 2016, Coquitlam reported a legacy of approximately \$60,000.00 which was divided amongst seven community organizations.

Insurance

The BCSGS carries some insurance that is used for the benefit of the Host Society. This is a \$10 million Commercial General Liability (CGL) policy and the Directors and Officers (D&O) Liability policy which provides coverage to the Host Society. There is also property insurance in place against theft, fire and damage of the travelling Games inventory. The Host Society is expected to acquire some additional insurance such as ICBC Third Party Legal Liability top up.

Volunteers

To stage a successful 55+ BC Games, the Host Society Board of Directors will need to recruit, train, and direct the efforts of approximately 1,200 community volunteers.

APPLICATION COMPONENTS

Bids are evaluated by a bid committee which takes into consideration the following components; the success of your bid depends upon all of these components being present.

Summary:

1. City Council Support
2. School Board Support if schools are used
3. Letters of support from community organizations
4. Information about your community
5. Accommodation Report
6. Core facilities Report
7. Venue Report
8. Venue Distances Report
9. Inclusive Language and Gender Policy commitment statement.

1) City Council Support

The application must contain an official document/formal letter of Resolution from City Council indicating support for the Bid Application. This resolution will include a minimum commitment of a \$60,000.00 financial contribution to the Host Society, in addition to at least \$55,000.00 of in-kind support.

Due to the magnitude of the 55+ BC Games, municipal support is critical to the success of the event. It is therefore important to indicate the level of financial and in-kind support your municipality is prepared to commit to the Host Society.

A sample of a city resolution is as follows:

"That the City of XXX applies for the 20XX 55+ BC Games.

That the City of XXX will commit to the Games a cash contribution of a minimum of \$60,000.00 as well as providing in-kind support of services and facilities with a deemed value of \$55,000.00 should the bid be successful.

The amount shown above as a cash contribution should be considered a minimum amount and favourable consideration will be given to those Bids where the amount exceeds the minimum.

2) School Board Support

If you plan to use School Board facilities or equipment you **must** submit a letter of confirmation/support from the Board.

3) Letters of Support

Include documented interest and support for hosting the 55+ BC Games from:

- Local service clubs
- Local seniors clubs
- Local sports organizations

4) Information about your Community

Please include in your bid:

- The population demographics as well as items of general interest about your community.
- The names and contact information of municipal government, recreation department, and school board representatives.
- Provide a list of major events (including provincial, national, and international sporting events where possible) hosted within the last five years and those awarded, but not yet hosted by your community. Please indicate the following for each event:
 - Name and date of the event
 - Participant numbers
 - Volunteer numbers
 - Approximate budget
- Include a community map with a central location identified as the Accreditation Centre or Games Hub and identify all the sport venues and accommodation sites.

5) Accommodations

The minimum requirement is 1,500 beds and 400 RV sites within a 40-km radius of the Games Village.

Details of available accommodations must be listed in a table format (template below) with columns for facility name, the distance to the Games Village and the number of beds/sites, and estimated average costs.

Distance from Accreditation Centre or Games Hub	Name of accommodation	Type	Number of beds/sites	Estimated Average cost of room / site
0-10 km				
11-15 km				
16-20 km				
21-25 km				
26-30 km				
31-35 km				
35-40 km				

Total number of beds _____ Total number of RV sites _____

Note: If two or more communities are submitting an application to co-host the Games please submit a table (using landscape layout if necessary) for each community showing the distance accommodations in that community are from the location of a major event (Games Hub, Accreditation Centre, Dance, Opening Ceremony, Closing Ceremony) to be held in that community.

Sample:

0-10Km	Best Western	Hotel	55	\$135
	Queen Elizabeth	Hotel	160	\$155
	Chateau Victoria	Hotel	95	\$195
	Fred's Inn	Motel	46	\$125
11-15Km	Marriott	Hotel	136	\$200
	Waddling Duck	Motel	55	\$ 99
	Percy's Campground	RV	38	\$ 25
	Georgia Hotel	Hotel	124	\$139
	Rose Cottage	BB	4	\$150

6) Core Event Venues

Your bid should include a list of the venues that will be used for the core events listed below. **Please provide initial letters of confirmation from each venue manager indicating their facility will be reserved for the duration of the Games.**

Accreditation Centre

Provide a list of potential facilities large enough to host the Accreditation Centre for the Tuesday and Wednesday of the Games for 3,500 to 4,000+ participants and supporters. The facility would allow space for a table for each sport (sports with a large number of participants may require 2 or 3 tables), 12 Zone tables and several tables for Accreditation volunteers.

Games Village

Previous Host Societies have elected to hold the Games Village in conjunction with the Accreditation Centre or in close proximity and provide a large enough space for artists, sponsors and exhibitors.

Ceremony Venue

Identify potential venues for the Opening and Closing Ceremonies, indicating indoor or outdoor seating capacities of these venues. Expect 2,000 to 2,500 at the Opening Ceremony on Wednesday evening. Previous Host Societies have chosen a facility for the Opening Ceremonies that does not conflict with the Track and Field event schedule. Approximately 400 will attend the Closing Ceremony. This could be an opportune time to hold the Volunteer Appreciation Event, thereby increasing the numbers for the Closing Ceremonies.

Medical Facility

Provide information on a potential Medical Clinic which should include the provision for first aid at all competition venues and details of the local community health care facilities. The temporary Games Medical Clinic is established in an accessible venue, staffed on a volunteer basis and is intended to meet the medical needs of participants while relieving the pressure on existing community health care system.

Food Services

Food vendors will be located at all sport venues to supply adequate healthy food at a reasonable price for lunches (identifying the special diets that may be needed e.g. diabetic, vegetarian) for all participants Wednesday, Thursday, Friday and Saturday. The facility for the Dance must be large enough to facilitate an area for snacks, a no host bar, tables and chairs with an area for dancing to accommodate approximately 2,500 Participants.

Other than these requirements, participants are responsible for their own meals.

Minimum Venue Requirements for Sports in the 55+ BC Games

Each venue must have adequate parking, room for spectators, washroom facilities and where ever possible be wheelchair accessible

SPORTS	MINIMUM FACILITY REQUIREMENT Additional details for each sport can be found in the Sport Specific Rules on the 55+ BC Games website www.55plusbcgames.org	SHOULD ACCOMMODATE at LEAST
8-Ball	<ul style="list-style-type: none"> 6 tables required, table size will be 4'x8' 	New Sport
Archery	<ul style="list-style-type: none"> Flat sport field at least 100m x 85m with facilities to accommodate 900 placement and 2x20 animal targets, unmarked distances in a 3D flat round 	60
Badminton	<ul style="list-style-type: none"> Gymnasium(s), with a minimum of 10 courts - 20' x 44' (6.1m x 13.4m) for each court A minimum of 3' and maximum of 5' of clearance should surround each entire court Lines on the floor should be marked in white or yellow and be 40 mm wide Hardwood floor Standard holes in floor for nets Stage or other adjacent area for officials and draw desk (10' x 10' area) Ceiling height should be between 20' to 30' Ceiling and walls preferably green in colour, grey or blue acceptable Outside windows need to be covered; lights are not to hang below 20' above the height of the court Temperature of gymnasium should be between 60 to 65 degrees Fahrenheit 	200
Bocce	<ul style="list-style-type: none"> 2 regulation size courts 	36
Bridge, Duplicate	<ul style="list-style-type: none"> 10 tables Bright lighting 	40
Bridge, Social	<ul style="list-style-type: none"> 10 tables Bright lighting 	24
Carpet Bowling	<ul style="list-style-type: none"> Space to accommodate 12 - 16 carpets Carpets are 30 feet long and 4.5 feet wide There should be space to walk between carpets The floor surface must be level 	80
Cribbage	<ul style="list-style-type: none"> 25 tables Bright lighting 	115
Cycling	<ul style="list-style-type: none"> Time trial requires a 16 km loop (start and finish at the same place) Road race is 40, 50 and 60 km in length The hill climb is 2 to 3 km in length and should be a grade of 6% to 9% 	110
Darts	<ul style="list-style-type: none"> Space to accommodate 40 dartboards Boards are fixed at a height of 5'8" from centre point to the floor The throwing line should be 7' 9 1/4" from the face of the board Adjacent boards should have at least 10' between centre spots Bright lighting 	110
Dragon Boat	<ul style="list-style-type: none"> Park space for approximately 13 to 20 teams (350 to 500 participants) Docks or Sandy Beach for crew launching area for 4 dragon boats (200 ft. long) Space also to accommodate individual team tents Access to electric power 	350 - 500

SPORTS	MINIMUM FACILITY REQUIREMENT Additional details for each sport can be found in the Sport Specific Rules on the 55+ BC Games website www.55plusbcgames.org	SHOULD ACCOMMODATE at LEAST
Equestrian	<ul style="list-style-type: none"> • Two rings to accommodate selected disciplines (same size if possible) • A smaller warm up ring 	40
Fastpitch	<ul style="list-style-type: none"> • 4 regulation diamonds preferable with skinned infield • The field should be fenced in with a radius distance of 275 to 300 feet • Bases will be 60 feet apart for all competitions • Pitching distance is 40 – 43 feet 	New Sport
Five Pin Bowling	<ul style="list-style-type: none"> • 12 Lanes – could be in two facilities 	120
Floor Curling	<ul style="list-style-type: none"> • Space that is able to accommodate a minimum of six rinks • Floor surface of hardwood, linoleum, well laid tile or smooth cement floors • Rinks are 36 feet long and 8 feet wide with a minimum of 4 feet between rinks • An additional 8' on each end is required for delivery areas and players seating 	70
Golf	<ul style="list-style-type: none"> • 2 – 18-hole courses • 100% use of shared power carts 	260
Horseshoes	<ul style="list-style-type: none"> • 8 -10 pitches • Must be able to accommodate 30' and 40' distances 	60
Ice Curling	<ul style="list-style-type: none"> • 8 sheets 	125
Ice Hockey	<ul style="list-style-type: none"> • 3 Regulation size Ice Hockey Rinks (Men) • 1 Regulation size Ice Hockey Rink (Women) 	350
Karate	<ul style="list-style-type: none"> • Space to accommodate 3 rings 10 meters x 10 meters • 6 to 8 tables and 60 chairs 	New Sport
Lawn Bowling	<ul style="list-style-type: none"> • 6 regulation size Greens • Clubhouse 	50
Mountain Bike	<ul style="list-style-type: none"> • "Senior Friendly" course i.e. no jumps, drop-offs, logs, steep descents, water/mud holes or narrow passages between trees • Cross-Country/Off Road course • Hill Climb course of approximately 2 km • BMX berm track 	20
Pickleball	<ul style="list-style-type: none"> • Minimum of 8 courts • The court dimensions are identical to a doubles badminton court. The court dimensions are 20' x 44' for both doubles and singles • The net is hung 36" on each end of the court and 34" in the middle • A non-volley zone extends 7' • A backspace minimum of 18' and side space of 12'. • Pickleball can be easily adapted to any small size, indoor or outdoor hard surface such as badminton courts or tennis courts 	300
Slo-Pitch	<ul style="list-style-type: none"> • 6 to 8 diamonds, with grass infields preferred and a radius distance of 275 to 300 feet is preferred • The field should be fenced in • Bases will be 65 feet apart for all competitions • The pitching distance is 50 to 65 feet • Facility to include umpires change room, scoreboards and team dugouts / seating for teams 	470
Snooker	<ul style="list-style-type: none"> • 6 tables required, table size may either be 6'x12' or 5'x10' or a mixture of both sizes according to local availability 	30
Soccer - Men	<ul style="list-style-type: none"> • 4 Regulation Soccer Fields 	300
Soccer - Women	<ul style="list-style-type: none"> • 2 Modified Soccer Pitches – 75 yards by 50 yards 	New Sport

SPORTS	MINIMUM FACILITY REQUIREMENT Additional details for each sport can be found in the Sport Specific Rules on the 55+ BC Games website www.55plusbcgames.org	SHOULD ACCOMMODATE at LEAST
Squash	<ul style="list-style-type: none"> • 2 Regulation Squash Courts • The floor area (playing area) of one singles court is 9.75m x 6.40m. This is 62.4 square m. The minimum height (from floor to ceiling or to anything that projects from the ceiling such as lights, air conditioning ducts, fans, beams etc.) is 5.64m 	New Sport
Stirling Swimming	<ul style="list-style-type: none"> • 2 sheets of regulation curling ice • Minimum 25-meter pool (indoor pool only) • Minimum depth of 1.2 meters at the shallow end • Minimum of 6 lanes • Able to accommodate starting blocks • Facility to include at least 2 change rooms with showers, official's room, marshalling area, and public-address system 	New Sport 140
Table Tennis	<ul style="list-style-type: none"> • Gymnasium or other large room • Able to accommodate a minimum of 12 – 14 regulation table tennis tables • Floor space must allow for a minimum of 12 meters long by 6 meters wide by 4 meters high per table • Lights must be at least 4 meters above the floor and provide 60-foot candles of power at the playing surface • A separate room is needed for Officials • A public address system 	150
Tennis	<ul style="list-style-type: none"> • Minimum of 12 courts • The size of the playing surface for singles is 27' x 78' • The playing surface for doubles 36' x 78' • A backspace minimum of 18' and side space of 12'. • The preferred playing surface is plexi pave or equivalent. 	150
Track & Field	<ul style="list-style-type: none"> • 6 or 8 lane certified 400 meter track (rubberized surface preferred) • Approved long jump and high jump pits • Space for throwing events - shot put area, discus throw area with a caged shot put area and a secured javelin area • 10 km run course out of the stadium with no uneven surfaces • Public address system • A separate room for Officials • Storage of equipment • Competition warm-up area 	250
Trapshooting	<ul style="list-style-type: none"> • 2 fully-equipped trap stations with separate machines. Venue to be approved by the British Columbia Trap Shooting Association 	New sport
Triathlon	<ul style="list-style-type: none"> • A pool or 500m open water swim area • A road way to hold a 10k bike ride, presumably 5k in each direction • A 2.5k run area, presumably 1.25k in each direction 	New sport
Whist	<ul style="list-style-type: none"> • 15 tables 	30

Facility requirements are accurate at time of printing. Changes may be necessary due to unforeseen circumstances. Sports may be deleted from the list if not chosen for 4 consecutive years.

The BCSGS is aware that the requirement for venues is substantial in order to host these Games. Therefore, bidding communities can consider using facilities from neighbouring communities (within 40 km of Games Village) as part of the bid document.

Please include a letter from the owner or manager stating that the facility will be reserved for the duration of the Games.

Example: *I am the Facility Manager responsible for bookings at this facility. I confirm that our organization is in support of our community's bid to host the 20XX 55+ BC Games and this facility will be reserved for the competition. The facility meets the Minimum Facility Requirement.*

Venue Report Form for Sports in the 55+ BC Games

If they are available, list more than one venue for each sport

SPORTS	Give Venue Name and Address	Meets Minimum criteria Y/ N	Letter of Support	If NO Explain deficiency
8-Ball	Name: Address:			
Archery	Name: Address:			
Badminton	Name: Address:			
Bocce Bridge: - Duplicate - Social Carpet Bowling Cribbage Cycling Darts Dragon Boat Racing Equestrian Fastpitch Five Pin Bowling Floor Curling Golf Venue # 1 Golf Venue # 2 Horseshoes Ice Curling Ice Hockey - Men Ice Hockey - Women Karate Lawn Bowling Mountain Bike Pickleball Slo-Pitch Snooker Squash Soccer - Men Soccer - Women Stirling Swimming Table Tennis Tennis Track & Field Trapshooting Triathlon Whist				

Host Society must pick a minimum of 20 sports.

Distance from the Accreditation Centre or Games Hub to each Venue

VENUE	<10km	11-15km	16- 20km	21-25km	26-30km	31-35km	>35km
total	=====	=====	=====	=====	=====	=====	=====

Note:

If two or more communities are co-hosting the Games submit a table for each community showing the venue distance from the location of a major event (Games Village, Accreditation Centre, Friday Dance, Opening Ceremony, Closing Ceremony) to be held in that community

Example of Distance from the Accreditation Centre or Games Hub to Each Venue Table

VENUE	<10km	11-15km	16- 20km	21-25km	26-30km	31-35km	>35km
Memorial Arena	X						
Finlayson Park					X		
Ted's 5 Pin						X	
Glasgow Park	X						
South Bank School		X					
West High School		X					
Wimbledon Courts				X			
Veterans Hall			X				
Legion Hall	X						
	=====	=====	=====	=====	=====	=====	=====
total	3	2	1	1	1	1	0

8) Number of Participants by Sport 2014-2017

Event	2014 Langley		2015 North Vancouver		2016 Coquitlam		2017 Vernon	
	Participants	Zones	Participants	Zones	Participants	Zones	Participants	Zones
8-Ball ◇								
Archery	44	9	45	10	40	8	49	10
Badminton	211	6	179	7	204	8	124	8
Bocce	32	6	NH		NH		27	5
Bridge	64	8	47	6	52	7	42	5
Carpet Bowling	73	11	50	6	68	9	60	9
Cribbage	112	12	72	10	68	11	118	12
Cycling	108	11	91	11	68	11	86	11
Darts	103	10	85	8	85	9	107	9
Dragon Boat	326	9	505	10	357	7	367	7
Equestrian	37	7	17	3	NH		85	12
Fast Pitch **								
Five Pin Bowling	116	11	83	8	92	9	105	11
Floor Curling	63	9	41	6	42	7	78	7
Golf	272	12	200	11	179	11	219	12
Horseshoes	52	9	19	6	NH		35	7
Ice Curling	124	12	121	10	112	9	132	10
Ice Hockey – Men	337	8	275	9	323	9	444	11
Ice Hockey – Women ◇								
Karate **								
Lawn Bowling	47	8	33	6	49	6	42	6
Mountain Bike			NH		NH		19	5
Pickleball	216	8	182	9	270	8	286	10
Slo-Pitch	465	9	432	9	248	7	223	8
Snooker	NH		NH		NH			
Soccer- Men	301	8	263	9	269	9	236	6
Soccer – Women **							32	6
Squash **							8	3
Sturling ◇								
Swimming	134	10	112	11	116	11	110	9
Table Tennis	137	7	113	8	125	6	100	9
Tennis	144	8	124	9	97	8	122	10
Track & Field	243	11	217	12	237	12	209	12
Trapshooting ◇								
Triathlon ◇								
Whist	36	5	20	3	32	4	20	4
	=====		=====		=====		=====	
TOTAL	3796		3326		3133		3583	

NH - Not Held

** New sports starting 2017

◇ New sports available in 2018

9) Inclusive Language and Gender Policy

BCSGS believes in the power of sport to bring communities and individuals together. As such, BCSGS is committed to providing a safe and inclusive environment for participation in sport whether that is on the playing field or in the boardroom. We welcome participation by all persons regardless of their gender, sexual orientation, gender identity, or physical challenges. We believe in fostering an environment of respect for the cultural diversity of all British Columbians.

BCSGS requires that all Host Communities will provide opportunities for participation as per the following Policies.

1. The Host Community will demonstrate a commitment to gender equality and representation that reflects the diversity of the community in the following areas:
 - a) The composition of the Host Society Board of Directors and selection of Committee Chairs;
 - b) Employment opportunities;
 - c) Volunteer recruitment.
2. The use of language that is both gender neutral and sensitive to cultural diversity in all publications and documents.
3. The Protocol section of the 55+ BC Games guidelines will include the following statement:

The Directors will demonstrate a commitment to gender equality and representation that reflects the diversity of the community when selecting the Chairs and will encourage their Chairs to show this same commitment in the recruitment in their volunteers.

BID SUBMISSION INFORMATION

Who do I send my bid to?

Please send your Bid Application for the 55+ BC Games to:
Bid Committee
BC Seniors Games Society
47-654 N. Fraser Dr.
Quesnel, BC V2J 1Z6

Please refer to the checklist on page 18 when compiling your application.

How many copies of the bid should I enclose?

Please forward five copies of your Bid Application.

What is the process for determining a winning community?

All Bid Applications will be reviewed by the BCSGS Bid Committee.

Can two or more communities submit a joint bid?

Yes, provided all communities involved and school district, if relevant, sign a formal Letter of Resolution indicating support for the Bid Document. (see City Council support on Page 4).

Who should I call if I have more questions about putting together a bid?

Please contact:
Bob Hesketh at 250.255.0181
Paul Kingan at 250.338.2137
Gordon Oates at 250.665.7434

Or via email bid@55plusbcgames.org.

What is the deadline date for Bid Application submissions?

June 29, 2018 at 12 noon

***For more information on the 55+ BC Games check out the web site:
www.55plusbcgames.org.***



**REGIONAL SERVICES COMMITTEE REPORT
OF MEETING HELD FEBRUARY 28, 2018**

DATE: February 28, 2018

To: Chairperson and Directors of the Board

Your Regional Services Committee reports and recommends as follows:

1. That the Electoral Area Parks Commissions' appointments be extended to December 31, 2018.
2. That the report from the Corporate Secretary Re: Options and Timing for Seeking Public Approval – Regional Grant-in-Aid Service Establishment proposal be deferred to 2019 for consideration.



ELECTORAL AREA SERVICES COMMITTEE REPORT

OF MEETING HELD MARCH 7, 2018

DATE: March 8, 2018

To: Board of Directors

-
-
1. That the request to close the portion of Watson Road between Heigh Street and Fisher Road on May 5 and 6, 2018, be supported.
 2.
 1. That the Certificate of Sufficiency confirming that a sufficient petition requesting inclusion into the Twin Cedars Sewer System Service Area be received.
 2. That CVRD Bylaw No. 2871 – Twin Cedars Sewer System Service Establishment Bylaw, 2006, be amended to include the property described as PID 006-913-920.
 3.
 1. That the Certificate of Sufficiency confirming that a sufficient petition requesting inclusion into the Cowichan Bay Sewer System Service Area be received.
 2. That CVRD Bylaw No. 2128 – Cowichan Bay Sewer System Service Establishment Bylaw, 2000, be amended to include the property described as Lot 2, Plan VIP34963, Section 5, Range 5, Cowichan Land District, PID 000-313-335.
 4. That the fireworks discharge permit for the 2018 Annual Brentwood Regatta at 2735 Mount Baker Road in Mill Bay on April 27, 2018, be approved.

Electoral Area Directors only vote on the following under Part 14 - Planning and Land Use Management of the Local Government Act:

5.
 1. That Zoning Amendment Bylaw for Application No. 03-H-16RS (13271 Simpson Road) be forwarded to the Board for consideration of 1st and 2nd readings;
 2. That referrals to Ministry of Transportation and Infrastructure (Nanaimo), Island Health (Nanaimo), North Oyster Volunteer Fire Department, Regional District of Nanaimo, Agricultural Land Commission and Nanaimo Airport Commission be accepted;
 3. That a covenant be drafted to secure proposed amenities and environmental protection measures; and
 4. That a public hearing be scheduled with Directors from Electoral Areas H, G and E as delegates.
6. That Application No. 01-A-17DVP (653 Sentinel Road) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 7.97 metres be approved.
7. That Application No. 02-A-17DVP (668 Sentinel Drive) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 8.06 metres be approved.

8. That Application No. 03-A-17DVP (649 Sentinel Drive) to vary Section 10.9(4) of Zoning Bylaw No. 3520 to increase the maximum permitted height of a principal residential building from 7.5 metres to 8.7 metres be approved.
9.
 1. That Development Permit Application No. 22-D-17DP be approved;
 2. That Sections 2.4(2)(j) and 2.4(2)(k) of Zoning Bylaw No. 3705 be varied by eliminating respective requirements for paved parking area and installation of oil-water separators; and
 3. That the General Manager of Land Use Services be authorized to permit minor revisions to the permit in accordance with the intent of development permit guidelines of Official Community Plan Bylaw No. 3605.



**Shawnigan Lake Community Centre Commission Report
OF MEETING HELD FEBRUARY 19, 2018**

DATE: February 26, 2018

TO: Chairpersons and Directors of the Board

Your Shawnigan Lake Community Centre Commission reports and recommends as follows:

That the policy around length of time/hours of electric charge stations be reviewed.



Evaluation Only. Created with Aspose.Words. Copyright 2003-2017 Aspose Pty Ltd.

COWICHAN VALLEY REGIONAL DISTRICT

BYLAW No. 4183

A Bylaw Authorizing the Expenditure of Funds from the *Electoral Area I Community Parks Capital Reserve Fund* Established Pursuant to CVRD Bylaw No. 2746

WHEREAS as of December 31, 2017, there is an unappropriated balance in the *Electoral Area I Community Parks Capital Reserve Fund* of Sixty-Five Thousand Thirty-Five Dollars (\$65,035) that has been calculated as follows:

BALANCE in Reserve Fund as at December 31, 2017:	\$176,102
ADD: Additions to the fund; Including interest earned for the current year to date.	NIL
DEDUCT: Commitments outstanding under bylaws previously adopted.	\$111,067
UNCOMMITTED BALANCE In Reserve Fund as at December 31, 2017:	<u>\$65,035.</u>

AND WHEREAS it is deemed desirable and expedient to expend not more than Twenty-Seven Thousand Five Hundred Dollars (\$27,500) of the said balance for completion of the Arbutus Park Revitalization Project inclusive of swimming docks;

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. **CITATION**

This bylaw may be cited for all purposes as "**CVRD Bylaw No. 4183 – Electoral Area I Community Parks Capital Reserve Fund Expenditure (Arbutus Park Revitalization Project Phase II – \$27,500) Bylaw, 2018**".

2. **SUM TO BE APPROPRIATED**

- a) An amount not exceeding the sum of Twenty-Seven Thousand Five Hundred Dollars (\$27,500) is hereby appropriated from the *Electoral Area I Community Parks Capital Reserve Fund* for Phase II of the Arbutus Park Revitalization Project.

- b) The expenditure to be carried out by the monies hereby appropriated shall be as specified in the 2018 budget, as adopted.

3. SUMS REMAINING

Should any of the said sum of Twenty-Seven Thousand Five Hundred Dollars (\$27,500), remain unexpended after the expenditures hereby authorized have been made, the unexpended balance shall be returned to the credit of the said Reserve Fund.

READ A FIRST TIME this _____ day of _____, 2018.

READ A SECOND TIME this _____ day of _____, 2018.

READ A THIRD TIME this _____ day of _____, 2018.

ADOPTED this _____ day of _____, 2018.

Chairperson

Corporate Secretary



COWICHAN VALLEY REGIONAL DISTRICT

BYLAW No. 4180

A Bylaw for the Purpose of Amending Zoning Bylaw No. 3520 Applicable to Electoral Areas A & C – South Cowichan

WHEREAS the *Local Government Act*, hereafter referred to as the "Act", as amended, empowers the Regional Board to adopt and amend zoning bylaws;

AND WHEREAS the Regional District has adopted a zoning bylaw for Electoral Areas A & C – South Cowichan that being Zoning Bylaw No. 3520;

AND WHEREAS the Regional Board voted on and received the required majority vote of those present and eligible to vote at the meeting at which the vote is taken, as required by the *Act*;

AND WHEREAS after the close of the notification period and with due regard to the public comments received, the Regional Board considers it advisable to amend Zoning Bylaw No. 3520;

NOW THEREFORE the Board of Directors of the Cowichan Valley Regional District, in open meeting assembled, enacts as follows:

1. CITATION

This bylaw shall be cited for all purposes as "**CVRD Bylaw No. 4180 – Electoral Areas A & C – South Cowichan Zoning Amendment Bylaw (3576 Holland Avenue), 2018**".

2. AMENDMENTS

Cowichan Valley Regional District Zoning Bylaw No. 3520, as amended from time to time, is hereby amended in the following manner:

That Schedule A (Zoning Map) to Electoral Areas A & C – South Cowichan Zoning Bylaw No. 3520 is amended by rezoning Lot 9, Block 33, Section 12, Range 5, Shawnigan District, Plan 1809 (PID: 006-913-920), as shown shaded in grey on Schedule A attached hereto and forming part of this bylaw, numbered Z-4180, from R-3 (Village Residential 3) to C-5 (Village Commercial 5).

3. FORCE AND EFFECT

This bylaw shall take effect upon its adoption by the Regional Board.

READ A FIRST TIME this _____ day of _____, 2018.

READ A SECOND TIME this _____ day of _____, 2018.

READ A THIRD TIME this _____ day of _____, 2018.

ADOPTED this _____ day of _____, 2018.

Chairperson

Corporate Secretary

