



**COWICHAN VALLEY REGIONAL DISTRICT**

**NOTICE OF REGULAR BOARD MEETING**

**DATE: Wednesday, May 24, 2017**

**TIME: REGULAR SESSION  
1:30 PM**

**PLACE: BOARD ROOM**

**175 INGRAM STREET**

A handwritten signature in black ink, appearing to read 'Joe Barry', is written above a horizontal line.

**Joe Barry  
Corporate Secretary**



**REGULAR BOARD MEETING AGENDA  
WEDNESDAY, MAY 24, 2017  
1:30 PM - CVRD BOARD ROOM**

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<b>1. <u>APPROVAL OF AGENDA</u></b>	
<b>2. <u>ADOPTION OF MINUTES</u></b>	
M1 Regular Board Meeting of May 10, 2017	1
<b>Recommendation</b> That the minutes of the May 10, 2017 Regular Board meeting be adopted.	
<b>3. <u>BUSINESS ARISING FROM THE MINUTES</u></b>	
<b>4. <u>DELEGATIONS</u></b>	
<b>5. <u>REPORT OF THE CHAIRPERSON</u></b>	
<b>6. <u>CORRESPONDENCE</u></b>	
<b>7. <u>INFORMATION</u></b>	
<b>8. <u>COMMITTEE/COMMISSION REPORTS</u></b>	
CR1 Report and Recommendations of the Electoral Area Services Committee Meeting of May 17, 2017 - Director Morrison	To Be Distributed
CR2 Report and Recommendations of the Regional Services Committee meeting of May 24, 2017 - Director Stone	To Be Distributed
CR3 Report and Recommendations of the Special Transit Committee meeting of May 24, 2017 - Director Davis	To Be Distributed
<b>9. <u>DIRECTOR REPORTS</u></b>	

**10. STAFF REPORTS**

- SR1 Staff Report from the Finance Division Re: 2017 - 2021 Five Year Financial Plan Amendment 11

**Recommendation** For information.

- SR2 Staff Report from the Water Management Division Re: UBCM Strategic Priorities Fund Grant Applications 31

**Recommendation** 1. That two applications to the Strategic Priorities Fund be submitted for the following projects as listed in priority order:

1. Mill Bay Wastewater Integration Project (Area A).

2. Cobble Hill Wastewater Integration and Re-use Upgrade Project (Area C).

2. That, subject to the Strategic Priorities funding approval, capital reserve funds and operating reserve funds be used and loan authorization bylaws be prepared, and public approval be obtained to allow for borrowing to cover the remaining funds needed to pay for the local share of ineligible costs.

- SR3 Staff Report from the Corporate Secretary Re: Resignation of Director Furstenau 35

**Recommendation** For information.

**11. PUBLIC HEARINGS****12. BYLAWS**

- B1 "CVRD Bylaw No. 4113 - Malahat Fire Protection Service Amendment (PID 029-941-997), Bylaw, 2017", be adopted. 37

- B2 "CVRD Bylaw No. 4117 - Five Year Financial Plan (2017 - 2021) Amendment Bylaw, 2017", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 39

"CVRD Bylaw No. 4117 - Five Year Financial Plan (2017 - 2021) Amendment Bylaw, 2017", be adopted.

**13. BYLAWS - ELECTORAL AREA DIRECTORS****14. RESOLUTIONS****15. UNFINISHED BUSINESS**

UB1	Regional Overdose Prevention Site ( <i>Referred from Item D1 - May 10, 2017 Regular Board Meeting</i> )	57
UB2	Correspondence from Ditidaht First Nation Re: Sponsorship of Ditidaht First Nation for the Strategic Priorities Fund ( <i>Referred from Item NB1 - May 10, 2017 Regular Board Meeting</i> )	73

**Recommendation** For consideration.

**16. NOTICE OF MOTION**

**17. NEW BUSINESS**

**18. QUESTION PERIOD**

**19. 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.

CS M1 - Closed Session Minutes of May 10, 2017

CS CR1 - Report and Recommendations of the Closed Session Electoral Area Services Committee meeting of May 17, 2017 - Director Morrison

1. Law Enforcement (2 Items) {Sub (1)(f)}; and
2. Legal Opinion {Sub (1)(l)}.

**20. ADJOURNMENT**

The next Regular Board meeting will be held Wednesday, June 14, 2017 at 6:30 PM, in the Board Room, 175 Ingram Street, Duncan, BC.

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, May 10, 2017 at 5:24 PM.

**PRESENT** Chair J. Lefebure  
Director M. Clement <after 5:31 PM>  
Director B. Day  
Director K. Davis  
Director S. Jackson  
Director K. Kuhn  
Director K. Marsh <until 8:28 PM>  
Director I. Morrison  
Director A. Nicholson  
Director A. Stone  
Director T. Walker  
Alternate Director A. Bomford  
Alternate Director S. Jonas  
Alternate Director S. Acton

**ALSO PRESENT** B. Carruthers, Chief Administrative Officer  
J. Barry, Corporate Secretary  
J. Elzinga, General Manager, Community Services  
R. Blackwell, General Manager, Land Use Services  
C. Lockrey, Manager, Strategic Services  
S. Carlow, Legislative Assistant

**ABSENT** Director M. Dorey  
Director S. Furstenau  
Director L. Iannidinaro  
Director M. Marcotte

**CLOSED SESSION**

17-183 It was moved and seconded that the Closed Session agenda be approved.

**MOTION CARRIED**

17-184 It was moved and seconded that the meeting be closed to the public in  
5:24 PM accordance with the *Community Charter* Part 4, Division 3, Section 90 (1)(g) Potential Litigation; (1)(e) Land Acquisition; (1)(c) Employee Relations; (1)(a) Electoral Area E Advisory Planning Commission Appointment ; and the Closed Session Regular Board minutes of April 26, 2017.

**MOTION CARRIED**

**17-189**            **It was moved and seconded that the Board rise with report on Item**  
**5:49 PM**            **CSRES1, and return to the Open portion of the meeting.**  
**MOTION CARRIED**

**17-188**            **It was moved and seconded that Marianna Terauds be appointed to the**  
**Electoral Area E – Cowichan Station/Sahtlam/Glenora Advisory Planning**  
**Commission for a term expiring on November 30, 2017.**  
**MOTION CARRIED**

**17-190**            **It was moved and seconded that the Board recess until 6:30 PM.**  
**5:49 PM**  
**MOTION CARRIED**

**6:34 PM**            **The meeting resumed at 6:34 p.m.**

**APPROVAL OF AGENDA**

Director Jackson requested that Mark Lakeman of City Repair be added to the agenda as an additional delegation to provide a presentation on addressing homelessness.

**17-191**            **It was moved and seconded that Mark Lakeman, Co-Founder City Repair,**  
**be added as Delegation No. 2 to the agenda.**  
**MOTION CARRIED**

**17-192**            **It was moved and seconded that the agenda be amended with the**  
**addition of three New Business items:**

**NB1 Correspondence from Ditidaht First Nation Re: Sponsorship of**  
**Ditidaht First Nation for the Strategic Priorities Fund;**

**NB2 Verbal Grant-in-Aid Request from Director Clement Re: Arbutus**  
**Ridge Strata Council Canada 150 Celebrations;**

**NB3 Verbal Report from Director Marsh Re: Everyone Deserves a Home,**  
**Workshop Notification; and**

**that the agenda, as amended, be approved.**

**MOTION CARRIED**

**ADOPTION OF MINUTES**

**M1**                    **Regular Board Meeting of April 26, 2017**

**17-193**            **It was moved and seconded that the minutes of the Regular Board**  
**Meeting of April 26, 2017 be adopted.**  
**MOTION CARRIED**

**BUSINESS ARISING FROM THE MINUTES**

- BA1** Director Kuhn requested clarification on Item 17-172.5 from the April 26, 2017 Regular Board minutes; *“That a facilitated process to review and determine various roles and responsibilities of water governance in the region be developed”*, as to whether a facilitator will be hired. The Chief Administrative Officer advised that a decision hasn’t been made about hiring a facilitator but funds are available in the budget if required.

**DELEGATIONS**

- D1** Dr. Paul Hasselback, Chief Medical Health Officer - Central Island, Island Health Re: Regional Overdose Prevention Site

Dr. Paul Hasselback provided a PowerPoint presentation on the overdose crisis in the region, including current use estimates, impacts, responses, and the current process of planning for a Regional Overdose Prevention Site to open in the summer of 2017, for information.

- 17-194** **It was moved and seconded that the matter of support for a regional overdose prevention site be referred to the next Board meeting for discussion.**

**MOTION CARRIED**

- D2** Mark Lakeman, Co-Founder City Repair Re: Dignity Villages Project

Mark Lakeman of City Repair provided a PowerPoint presentation and overview of the principles of passive house design used in the building of Dignity Villages and their role in addressing homelessness, for information.

**REPORT OF THE CHAIRPERSON**

- RC1** Chair Lefebure commented on the extremely successful National Aboriginal Hockey Championships that were recently held in the region. Director Day also commented on the well run and organized event, thanking staff and volunteers for their contributions.

- RC2** The Chair commented on the recent truth and reconciliation meetings attended by himself and Michelle Staples of Social Planning Cowichan. He advised the Board of tentative plans regarding an engagement concept with the initial event in June 2017 as a planning exercise for an annual week-long event.

The Board agreed by consensus to an annual event of first nations celebrations between local governments.

**INFORMATION**

- IN1** The following items of correspondence were received from Liam Edwards, Executive Director, Local Government Infrastructure and Finance, Ministry of Community, Sport and Cultural Development Re: Clean Water Wastewater

Fund, for information.

1. Project #C40190 - Mill Bay Wastewater Integration Project (Area A);
2. Project #C40179 - Shawnigan Lake North Water System Upgrades - Area B;
3. Project #C40124 - Cobble Hill Wastewater Integration and Re-use Upgrade Project; and
4. Project #C40180 - Saltair Water System Upgrades - Area G.

## COMMITTEE/COMMISSION REPORTS

**CR1** Report and Recommendations of the Electoral Area Services Committee Meeting of May 3, 2017

**17-195** It was moved and seconded:

1. That a Grant-in-Aid, Electoral Area E - Cowichan Station/Sahtlam/Glenora, in the amount of \$500 be provided to Cowichan Valley Naturalists' Society, to assist with the community led initiative to control invasive species (Knotweed).
2. That a Grant-in-Aid, Electoral Area E - Cowichan Station/Sahtlam/Glenora, in the amount of \$100 be provided to Frances Kelsey Secondary School Dry Grad 2017 Committee to support its 2017 Dry Grad Celebration.
3. That a Grant-in-Aid, Electoral Area A - Mill Bay/Malahat, in the amount of \$1,000 be provided to Cobble Hill Event Society to assist the Farmer's Market and Live Music events.
4. That the Cowichan Valley Regional District wishes to "opt out" of providing comment to the Liquor Control and Licensing Branch with regard to the application for a Permanent Change to a Liquor Licence for increased liquor service hours by March Meadows Golf Club (liquor licence 177851) located at 10298 South Shore Road, Honeymoon Bay (Area F).
5.
  1. That the proposal received from the Rotary Club of South Cowichan (Mill Bay) dated April 19, 2017, to construct and dedicate to the CVRD an open air multi-use timber structure at Elsie Miles Park (Shawnigan Lake) be approved;
  2. That a Federal Gas Tax Program Community Works Funding Agreement in the amount of \$100,000 for the Shawnigan Lake Pavilion construction project be entered into with the South Cowichan Rotary Club Foundation;
  3. That up to \$48,000 from the Function 232 (Shawnigan Lake Community Parks) budget for the Shawnigan Lake Pavilion construction project be approved.
6. That the Board of Directors of the Cowichan Valley Regional District supports the closure of Watson Road between Heigh

**Street and Fisher Road for a Homesteading Fair on June 3 and 4, 2017.**

7.
  1. That a bylaw be prepared to amend “CVRD Bylaw No. 2144 – Electoral Area I – Youbou/Meade Creek Critical Location Streetlighting Service Bylaw”, to increase the maximum annual requisition limit from \$1,245 to \$1,555; and
  2. That the Critical Street Lighting Area I Amendment Bylaw be forwarded to the Board for consideration of three readings and adoption.
  
8.
  1. That a bylaw be prepared to amend “CVRD Bylaw No. 2987 – Arbutus Mountain Estates Water System Service Establishment Bylaw 2007”, to increase the maximum annual requisition limit from \$90,000 to \$112,410; and
  2. That the amendment bylaw be forwarded to the Board for consideration of three readings and adoption.
  
9.
  1. That staff proceed with establishment of a water and wastewater Utility Commission;
  2. Develop a financial strategy for adjusting utility customer rates to achieve sustainable operational income for each utility system and add the cost for long term asset replacement, once established;
  3. Develop a water and wastewater utility Acquisition Policy and extend the existing utility takeover moratorium until the acquisition policy is complete and the backlog of work be addressed;
  4. Develop and implement a Utility Information Technology Strategy and plan;
  5. Develop an internal and external Communication Plan; and
  6. Prepare a business case and job description for hiring a qualified journeyman electrician/instrumentation and an assistant superintendent of outside operations in the 2018 budget and a temporary engineering technologist.

**MOTION CARRIED**

**17-196**

**It was moved and seconded:**

10. That Application No. 01-E-17DP/VAR (5920 Clements Road) and a variance to Section 5.2 (e) from 100 m<sup>2</sup> to 133 m<sup>2</sup> be approved for a residential accessory building in the Agricultural Protection Development Permit Area (DPA).
  
11.
  1. That the Official Community Plan and Zoning Amendment Bylaws for Application No. 02-H-16RS (PID: 008-477-043) be forwarded to the Board for consideration of 1st and 2nd Reading;
  2. That the referrals to Ministry of Transportation and Infrastructure, North Oyster Volunteer Fire Department, Island Health, Regional District of Nanaimo, and Nanaimo Airport

**Commission, be accepted;**

- 3. That a public hearing be scheduled with Directors from Electoral Areas H, G and A as delegates.**

- 12. That Development Variance Permit Application No. 01-D-16DVP (4370 Kingscote Road) be denied.**

**MOTION CARRIED**

**CR2** Report and Recommendations of the Corporate Services Committee meeting of May 10, 2017

- 17-197** It was moved and seconded that the BDO Canada LLP's Audit Results and Communication report be received and that the 2016 Financial Statements be approved.

**MOTION CARRIED**

### **STAFF REPORTS**

**SR1** Staff Report from the General Manager, Community Services Department Re: Cowichan Sportsplex Track Improvement Project Funding Request

- 17-198** It was moved and seconded that the Chesterfield Sports Society be provided with \$75,000 for the purpose of upgrading the track surface at the Cowichan Sportsplex in advance of the 2018 BC Summer Games with the funds being allocated from the Regional Grant-In-Aid portion of the Function 100 - General Government budget.

Opposed: Director M. Clement

**MOTION CARRIED**

### **PUBLIC HEARINGS**

**PH1** Public Hearing Report and Minutes Re: CVRD Bylaw No. 4074 - Area G - Saltair - Official Community Plan Amendment Bylaw (11198 Chemainus Road), 2016 and CVRD Bylaw No. 4075 - Area G - Saltair - Zoning Amendment Bylaw (11198 Chemainus Road), 2016

- 17-199** It was moved and seconded that Public Hearing Report and Minutes Re: CVRD Bylaw No. 4074 - Area G - Saltair - Official Community Plan Amendment Bylaw (11198 Chemainus Road), 2016 and CVRD Bylaw No. 4075 - Area G - Saltair - Zoning Amendment Bylaw (11198 Chemainus Road), 2016, be received.

**MOTION CARRIED**

### **BYLAWS**

**B1**  
**17-200** It was moved and seconded that "CVRD Bylaw No. 4105 - Meade Creek Recycling Centre Upgrades and Landfill Closure Project Loan Authorization (\$1,968,000) Bylaw, 2017", be adopted.

**MOTION CARRIED**

**B2** It was moved and seconded that "CVRD Bylaw No. 4111 - Arbutus Ridge  
**17-201** Sewer System Management Amendment Bylaw, 2017", be granted 1<sup>st</sup>, 2<sup>nd</sup>  
and 3<sup>rd</sup> reading.

**MOTION CARRIED**

**B2** It was moved and seconded that "CVRD Bylaw No. 4111 - Arbutus Ridge  
**17-202** Sewer System Management Amendment Bylaw, 2017", be adopted.

**MOTION CARRIED**

**B3** It was moved and seconded that "CVRD Bylaw No. 4113 - Malahat Fire  
**17-203** Protection Service Amendment (PID 029-941-997), Bylaw, 2017", be  
granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading.

**MOTION CARRIED**

#### **BYLAWS - ELECTORAL AREA DIRECTORS**

**BEA1** It was moved and seconded that "CVRD Bylaw No. 4074 - Area G - Saltair  
**17-204** - Official Community Plan Amendment Bylaw (11198 Chemainus Road),  
2016", be granted 3<sup>rd</sup> reading.

**MOTION CARRIED**

**BEA1** It was moved and seconded that "CVRD Bylaw No. 4074 - Area G - Saltair  
**17-205** - Official Community Plan Amendment Bylaw (11198 Chemainus Road),  
2016", be adopted.

**MOTION CARRIED**

**BEA2** It was moved and seconded that "CVRD Bylaw No. 4075 - Area G - Saltair  
**17-206** - Zoning Amendment Bylaw (11198 Chemainus Road), 2016", be granted  
3rd reading.

**MOTION CARRIED**

**BEA2** It was moved and seconded that "CVRD Bylaw No. 4075 - Area G - Saltair  
**17-207** - Zoning Amendment Bylaw (11198 Chemainus Road), 2016", be adopted.

**MOTION CARRIED**

**BEA3** It was moved and seconded that "CVRD Bylaw No. 4089 - Cowichan Bay  
**17-208** Zoning Amendment Bylaw (5301 Chaster Road), 2017", be adopted.

**MOTION CARRIED**

**BEA4** It was moved and seconded that "CVRD Bylaw No. 4099 - Electoral Area I  
**17-209** - Youbou/Meade Creek Official Community Plan Amendment Bylaw (Shaw  
Creek), 2017", be granted 1<sup>st</sup> and 2<sup>nd</sup> reading.

**MOTION CARRIED**

**8:28 PM** Director Marsh left the meeting at 8:28 PM.

**BEA5  
17-210** It was moved and seconded that "CVRD Bylaw No. 4100 - Electoral Area I - Youbou/Meade Creek Zoning Amendment Bylaw (Shaw Creek), 2017", be granted 1<sup>st</sup> and 2<sup>nd</sup> reading.

Opposed: Director A. Nicholson and Alternate Director S. Acton

**MOTION CARRIED**

**BEA6  
17-211** It was moved and seconded that "CVRD Bylaw No. 4109 - Electoral Area D - Cowichan Bay Zoning Amendment Bylaw (Whippletree), 2017", be granted 1<sup>st</sup> and 2<sup>nd</sup> reading.

Director Kuhn was absent at the vote.

**MOTION CARRIED**

**NEW BUSINESS**

**NB1** Correspondence from Ditidaht First Nation Re: Sponsorship of Ditidaht First Nation for the Strategic Priorities Fund

The Chief Administrative Officer provided background on the correspondence and request from the Ditidaht First Nation. He also provided information on upcoming CVRD intake applications to the Strategic Priorities Fund.

**17-212** It was moved and seconded that the May 8, 2017 correspondence from the Ditidaht First Nation requesting Strategic Priorities Fund intake sponsorship be referred to a future Regional Services Committee, or Board, for further discussion.

**MOTION CARRIED**

**NB2** Verbal Grant-in-Aid Request from Director Clement Re: Arbutus Ridge Strata Council Canada 150 Celebrations

Director Clement requested the Board consider a grant-in-aid request to the Arbutus Strata Council and advised that due to time constraints he had been unable to submit the request to Committee.

**17-213** It was moved and seconded that a Grant-in-Aid, Electoral Area C - Cobble, in the amount of \$1000 be provided to Arbutus Ridge Strata Council, to assist with their Canada 150 celebrations.

**MOTION CARRIED**

**NB3** Verbal Report from Director Marsh Re: Everyone Deserves a Home Workshop Notification

Director Marsh had requested an opportunity to apprise the Board of an upcoming workshop on addressing homelessness; however she left the meeting at an earlier juncture.

In the absence of Director Marsh, Director Stone advised the Board of the "Everyone Deserves a Home Session 3: Building a Coordinating Structure for the Cowichan Valley" workshop, hosted by the Cowichan Housing Association and other stakeholders on Friday, May 26, 2017 at 8:30 a.m., at the Island Savings Centre.

**ADJOURNMENT**

**17-214**                    **It was moved and seconded that the meeting be adjourned.**  
**8:39 PM**

**MOTION CARRIED**

The meeting adjourned at 8:39 PM.

Certified Correct:

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Corporate Secretary

Dated: \_\_\_\_\_





# STAFF REPORT TO THE BOARD

**DATE OF REPORT** May 8, 2017  
**MEETING TYPE & DATE** Board Meeting of May 24, 2017  
**FROM:** Finance Division  
 Corporate Services Department  
**SUBJECT:** 2017 - 2021 Five Year Financial Plan Amendment  
**FILE:** Bylaw No. 4117

## PURPOSE/INTRODUCTION

The purpose of this report is to outline the changes proposed by Five Year Financial Plan Amendment Bylaw No. 4117.

## RECOMMENDED RESOLUTION

For information.

## BACKGROUND

The Cowichan Valley Regional District adopted its 2017 - 2021 Five Year Financial Plan on December 14, 2016. Since that time a number of Divisions required amendments to accommodate proposed expenditure changes, these Divisions have brought reports outlining the changes to their respective committees and commissions; the attached bylaw incorporates all the changes that were approved.

Since this amendment is taking place after March 31, 2017 there can be no changes made to the requisition level.

## ANALYSIS

The original expenditure level for 2017 that was included in the 2017 Five Year Financial Plan Bylaw was \$85 million, and the proposed amendment will see an increase in expenditures of \$4,287,527, with the majority of this increase in capital. There are 44 functions that require amendments, 25 of which were due to deficits, or lower than anticipated surplus, at December 31, 2016. Some of the larger increases include:

- Mesachie Lake Sewer System - \$1.68 million increase for Phase 1 of a Central Wastewater Treatment Plant funded by \$1.43 million in Grants and \$0.25 million from Debt and Transfers from Capital and Operating Reserves
- Solid Waste Management - \$950,100 for additional Capital for the Meade Creek Recycling Centre Closure project funded by \$628,235 in Debt and \$321,865 in Grants
- Environmental Services - \$751,356 for Project Expenditures and Contract for Services funded by \$691,826 in Grants and \$59,550 in Partner Contributions
- Kinsol Trestle - \$150,000 for ongoing rehabilitation work funded by \$100,000 in Grants and a \$50,000 decrease in Transfer to Capital Reserves
- Shawnigan Beach Estates Sewer System - \$150,000 for Inflow and Infiltration project fully funded by a Transfer from Gas Tax Reserves
- Area C Community Parks - \$130,000 for completing field irrigation and landscaping capital project at the Cobble Hill Common site which is fully funded by a Transfer from Gas Tax Reserves

Five Year Financial Plan Amendment Bylaw No. 4117 is to be considered for three readings and adoption during the bylaw section of this meeting's agenda.

**FINANCIAL CONSIDERATIONS**

See above.

**COMMUNICATION CONSIDERATIONS**

The proposed amendments have all gone to their respective committees and commissions and the draft Five Year Financial Plan Bylaw has been on the CVRD's website since April 19, 2017. If adopted the amended plan and bylaw will be forwarded to the Provincial Government.

**STRATEGIC/BUSINESS PLAN CONSIDERATIONS**

The Five Year Financial Plan is not considered in the Corporate Strategic Plan.

Referred to (upon completion):

- Community Services (*Island Savings Centre, Cowichan Lake Recreation, South Cowichan Recreation, Arts & Culture, Public Safety, Facilities & Transit*)
- Corporate Services (*Finance, Human Resources, Legislative Services, Information Technology*)
- Engineering Services (*Environmental Services, Capital Projects, Water Management, Recycling & Waste Management*)
- Planning & Development Services (*Community & Regional Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

Prepared by:

Reviewed by:



Lyle Smith, CPA, CGA  
Assistant Manager



Sharon Moss, CPA, CGA  
Manager



Mark Kueber, CPA, CGA  
General Manager

Reviewed for Form and Content and Approved for Submission to the Board:

Chief Administrative Officer's Comments / Concurrence



Brian Carruthers  
Chief Administrative Officer

**ATTACHMENTS:**

Attachment A – Five Year Financial Plan Amendment Bylaw No. 4117



**COWICHAN VALLEY REGIONAL DISTRICT**

**BYLAW No. 4117**

**A Bylaw To Amend the 2017 – 2021 Five Year Financial Plan**

**WHEREAS** the Board of the Cowichan Valley Regional District adopted the 2017 – 2021 five year financial plan pursuant to CVRD Bylaw No. 4073;

**AND WHEREAS** the Board of the Cowichan Valley Regional District wishes to amend the plan;

**NOW THEREFORE** the Board 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. 4117 - Five Year Financial Plan (2017 – 2021) Amendment Bylaw, 2017**".

2. **AMENDMENT**

That Bylaw No. 4088 be amended as follows:

- a) That Schedule A to Bylaw No. 4088 be deleted and replaced with the Schedule A attached to this Bylaw; and
- b) That Schedule B to Bylaw No. 4088 be deleted and replaced with the Schedule B attached to this Bylaw.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Corporate Secretary

**SUMMARY OF 5 YEAR FINANCIAL PLAN****2017 - 2021**

	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>SUMMARY OF REVENUE</b>					
Tax Requisition	\$36,041,665	\$38,119,568	\$39,403,986	\$38,520,990	\$38,845,624
Parcel Taxes	2,460,373	2,474,183	2,561,684	2,682,963	2,706,018
Fees & Charges	10,644,618	11,236,741	12,018,967	12,172,656	12,284,799
Other Revenue	20,350,640	14,592,466	11,277,058	11,153,496	11,362,336
Proceeds of Borrowing	8,528,319	2,040,000	2,641,571	2,479,809	2,499,548
	<u>\$78,025,615</u>	<u>\$68,462,959</u>	<u>\$67,903,267</u>	<u>\$67,009,914</u>	<u>\$67,698,324</u>
Transfers from (to)					
- Special Funds	6,402,130	(\$676,490)	(\$251,870)	(\$1,128,537)	(\$1,280,324)
- Surplus - Prior Year	5,034,116	-	-	66,000	-
Total Transfers	<u>\$11,436,246</u>	<u>(\$676,490)</u>	<u>(\$251,870)</u>	<u>(\$1,062,537)</u>	<u>(\$1,280,324)</u>
<b>TOTAL REVENUE</b>	<u><u>\$89,461,861</u></u>	<u><u>\$67,786,469</u></u>	<u><u>\$67,651,397</u></u>	<u><u>\$65,947,377</u></u>	<u><u>\$66,418,000</u></u>
<b>SUMMARY OF EXPENDITURES</b>					
Debt Principal & Interest					
Short Term	\$2,384,889	\$2,417,460	\$2,276,438	\$1,729,972	\$1,551,039
Long Term	5,339,754	5,129,630	5,617,635	5,581,175	5,540,417
Capital	25,881,133	9,960,604	5,115,494	2,272,057	2,486,831
Other Purposes	55,701,583	50,338,775	54,641,829	56,364,172	56,839,713
Deficit Prior Year	154,502	-	-	-	-
<b>TOTAL EXPENDITURE</b>	<u><u>\$89,461,861</u></u>	<u><u>\$67,846,469</u></u>	<u><u>\$67,651,397</u></u>	<u><u>\$65,947,377</u></u>	<u><u>\$66,418,000</u></u>



Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2017)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)							Expenditures								
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Capital	Special Funds From Feasibility	Gas Tax	(To)	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Principal & Interest Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
481 COWICHAN AQUATIC CENTRE - AREA I	4,722					4,722	-							-	4,722				4,722	-	4,722
488 Shawnigan Basin Society	49,958					49,958	-				42			42	50,000				50,000		50,000
489 Nature and Habitat - Area I				10,000		10,000	-							-	10,000				10,000		10,000
490 Thetis Island Wharf		9,000				9,000	-							-	9,000				9,000		9,000
491 Thetis Island Boat Launch		1,000				1,000	-							-	1,000				1,000		1,000
492 Cowichan Lake Water Protection				800		800	-							-	800				800		800
493 Safer Futures	27,504					27,504	-				71			71	27,575				27,575		27,575
494 Social Planning	50,852					50,852	-				131			131	50,983				50,983		50,983
495 South Cowichan Community Policing	60,000					60,000	-				19			19	60,019				60,019		60,019
496 Cowichan Community Policing	124,900					124,900	-				475			475	125,375				125,375		125,375
497 COWICHAN VALLEY HOSPICE SOCIETY	60,890					60,890	-				115			115	61,005				61,005		61,005
575 Engineering Services - Administration				258,180		258,180	-							-	258,180				258,180	17,153	258,180
576 Engineering Services - Utilities				2,361,882	-	2,361,882	35,000		35,000				85,000	120,000	2,481,882	31,291		85,000	2,365,591		2,481,882
510 Thetis Island Solid Waste & Recycling		22,213				22,213	-							-	22,213				22,213		22,213
515 Curbside Collection			787,946	488,000		1,275,946	(120,000)				(120,000)	720,177		600,177	1,876,123		144,820		1,731,303		1,876,123
520 Solid Waste Complex	4,251,210		2,841,398	3,616,383	2,445,319	13,154,310	59,409	200,000			(140,591)			59,409	13,213,719	120,442	621,079	5,372,184	7,100,014		13,213,719
530 Cowichan Flood Management	150,000					150,000	(7,500)				(7,500)			-	142,500				142,500		142,500
531 South Cowichan Water Study Plan							-				48,289			48,289	48,289				48,289		48,289
535 Liquid Waste Plan Central Sector	95,900					95,900	-				48,644			48,644	144,544				144,544		144,544
540 Liquid Waste Plan South Sector	70,000					70,000	124,651		131,811	(7,160)				124,651	194,651				194,651		194,651
550 Street Lighting - Mesachie	6,050					6,050	-							-	6,050				6,050		6,050
551 Street Lighting - Youbou		31,000				31,000	-							-	31,000				31,000		31,000
552 Street Lighting - Brentwood			232	50		282	-							-	282				282		282
553 Street Lighting - Cowichan Bay	4,800					4,800	-							-	4,800				4,742	58	4,800
554 Street Lighting - Honeymoon Bay	24,100					24,100	-							-	24,100				24,100		24,100
555 Street Lighting - Mill Bay			2,225	100		2,325	-							-	2,325				2,325		2,325
556 Street Lighting - Cobble Hill		2,499				2,499	7,061		7,061					7,061	9,560				9,560		9,560
557 Critical Street Lighting A	2,500					2,500	-							-	2,500				2,500		2,500
558 Critical Street Lighting B	1,200					1,200	-							-	1,200				1,200		1,200
559 Critical Street Lighting C	3,000					3,000	-							-	3,000				3,000		3,000
560 Critical Street Lighting D	851					851	-							-	851				851		851
16 Critical Street Lighting E	4,700					4,700	-							-	4,700				4,700		4,700
Critical Street Lighting I	1,245					1,245	-							-	1,245				1,245		1,245
Asset Management				71,787		71,787	71,786		71,786					71,786	143,573				143,573		143,573
580 Street Lighting - Wilmot Road	4,000					4,000	-							-	4,000				4,000	283	4,000
581 Street Lighting - Sentinel Ridge	2,726					2,726	-							-	2,726				2,200	526	2,726
583 Street Lighting - Twin Cedars	4,000					4,000	10,975		10,975					10,975	14,975				13,618	1,357	14,975
585 Street Lighting - Arbutus Mountain	4,100					4,100	11,381		11,381					11,381	15,481				14,474	1,007	15,481
586 Mill Springs Street Lighting	12,000					12,000	-							-	12,000				12,000		12,000
601 Satellite Park Water		46,500	33,000			79,500	-							-	79,500		18,358		57,324	3,818	79,500
603 Douglas Hill Water		51,200	44,940			96,140	-							-	96,140		11,337		84,496	307	96,140
604 Lambourn Water		41,144	93,880			135,024	300,955		300,955					300,955	435,979		7,088	300,955	127,936		435,979
605 Arbutus Mountain Water		31,980	31,500			63,480	-							-	63,480				63,480		63,480
608 Fern Ridge Water		19,040	15,000			34,040	-							-	34,040		1,735		32,305		34,040
611 Bald Mountain Water System		52,520	18,000			70,520	-							-	70,520				70,520		70,520
613 Dogwood Ridge Water System		23,100	21,200			44,300	-							-	44,300		5,312		35,315	3,673	44,300
615 Arbutus Ridge Water System			268,698			268,698	-							-	268,698		6,608		248,903	13,187	268,698
616 Carlton Water System		27,000	15,200			42,200	-							-	42,200		5,665		33,999	3,136	42,200
617 Shellwood Water System		24,500	23,250			47,750	826		826					826	48,576		5,216		31,604	11,756	48,576
618 Woodley Range Water System		29,600	31,000		5,000	65,600	90,000	40,000	50,000					90,000	155,600		58	100,000	55,542		155,600
619 Burnum Water System		39,160	32,700	34,000	262,000	367,860	80,000		80,000				54,000	134,000	501,860		2,364	430,000	69,496		501,860
620 Mesachie Lake Water		32,600	17,100			49,700	35,000		35,000					35,000	84,700			35,000	42,948	6,752	84,700
640 Saltair Water		490,000	190,000	2,900		682,900	70,435	50,435	20,000		120,000	220,000		410,435	1,093,335			756,435	336,900		1,093,335
652 Central Youbou Water Debt		36,850				36,850	-							-	36,850		36,850		-		36,850
653 Youbou Water		153,660	81,000	1,120	25,000	260,780	114,036	44,036	70,000			125,500	239,536	500,316	1,875	8,506	315,000	174,935			500,316
660 Honeymoon Bay Water		62,212	72,000		396,000	530,212	100,000		100,000					100,000	630,212	16,289		506,000	107,923		630,212
661 Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623	-							-	2,623				-		2,623
662 Honeymoon Bay Water (Well 2) Debt		25,744				25,744	-							-	25,744		25,744		-		25,744
670 Cherry Point Water		21,000	14,000			35,000	-							-	35,000				35,000		35,000
680 Shawnigan Lake North Water		224,820	142,000	129,332		496,152	353,925	137,872	216,053						916,077	7,559		237,872	670,646		916,077
681 Shawnigan Weir			1,000			1,000	-							-	1,000				1,000		1,000
690 Kerry Village Water		18,100	44,000			62,100	-							-	62,100				62,100		62,100
701 Wilmot Road Drainage	7,000					7,000	-							-	7,000				7,000		7,000
702 Sentinel Ridge Drainage	4,970					4,970	-							-	4,970				4,970		4,970
703 Shawnigan Lake East Drainage	2,040					2,040	-							-	2,040				2,040		2,040
705 Arbutus Mountain Drainage	4,370					4,370	-							-	4,370				3,592	778	4,370
707 Lanes Road Drainage	3,800					3,800	-							-	3,800				3,800		3,800
711 Bald Mountain Drainage System	4,500					4,500	-							-	4,500						

Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2017)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)						Expenditures										
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Capital	Special Funds From		Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest		Other Purposes	Deficit prior year	Total Expenditures			
									Feasibility	Gas Tax	(To)			Short Term	Long Term	Capital						
801 Brulett Sewer System		24,780	28,800	-	10,000	63,580	15,000			15,000			15,000	78,580	5,643	1,975	25,000	45,962		78,580		
802 Sentinel Ridge Sewer		52,500	63,000	62,453		177,953	-	-		-	-	-	-	177,953			62,453	115,500		177,953		
803 Twin Cedars Sewer		51,246	33,400	624		85,270	30,000	30,000		-	-	-	30,000	115,270			30,000	83,889	1,381	115,270		
804 Lambourn Sewer		31,200	78,500	10,852	25,000	145,552	-	-		-	-	-	-	145,552	320	10,632	35,852	98,748		145,552		
805 Arbutus Mountain Sewer		98,154	56,390	-		154,544	-	-		-	-	-	-	154,544			-	141,806	12,738	154,544		
809 Cobble Hill Sewer		32,928	23,500	-	25,000	81,428	-	-		-	-	-	-	81,428	5,000	3,115	25,000	48,313		81,428		
810 Mesachie Lake Sewer		19,110	13,700	1,226,567	200,000	1,459,377	240,000	40,000		200,000	-	-	10,955	250,955	1,710,332		1,684,896	25,436		1,710,332		
811 Bald Mountain Sewer System		52,000	21,280	-		73,280	-	-		-	-	-	-	73,280			-	73,280		73,280		
813 Mill Springs Sewer System		109,600	69,200	-		178,800	-	-		-	-	-	-	178,800			-	178,800		178,800		
815 Arbutus Ridge Sewer System			267,852	-	100,000	367,852	250,000	75,000		175,000	-	-	250,000	617,852	2,000	8,261	375,000	232,591		617,852		
820 Eagle Heights Sewer			236,100	121,500	-	357,600	14,453	120,000			(105,547)	-	14,453	372,053			50,000	311,412	10,641	372,053		
830 Maple Hills Sewer		27,000	16,700	-		43,700	-	-		-	-	-	-	43,700			-	43,700		43,700		
840 Shawnigan Lake Sewer		148,400	152,194	364	45,000	345,958	150,000	-		150,000	-	-	150,000	495,958	11,069	32,597	150,000	252,063	50,229	495,958		
850 Kerry Village Sewer		27,160	73,925	3,598	-	104,683	-	-		-	-	-	-	104,683	2,214	6,287	-	84,679	11,503	104,683		
860 Youbou Sewer System		39,000	14,815	-		53,815	(2,000)				(2,000)	-	(2,000)	51,815	7,884			43,931		51,815		
6zz Elkington Water System		-	-	-		-	-						-	-				-		-		
8xx Elkington Forest Sewer System		-	-	-		-	-						-	-				-		-		
<b>TOTALS</b>	<b>36,041,665</b>	<b>2,460,373</b>	<b>10,644,618</b>	<b>20,350,640</b>	<b>8,528,319</b>	<b>78,025,615</b>	<b>6,402,130</b>	<b>3,807,884</b>	<b>27,300</b>	<b>3,774,239</b>	<b>(1,207,293)</b>	<b>2,838,220</b>	<b>2,195,896</b>	<b>11,436,246</b>	<b>89,461,861</b>	<b>-</b>	<b>2,384,889</b>	<b>5,339,754</b>	<b>25,881,133</b>	<b>55,701,583</b>	<b>154,502</b>	<b>89,461,861</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)**

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year
General Government	2,325,500			230,000		2,555,500			-	-	2,555,500		35,000	2,520,500		2,555,500
Community Health Network				146,985		146,985				-	146,985			146,985		146,985
V. I. Regional Library	1,851,079					1,851,079				-	1,851,079			1,851,079		1,851,079
Homelessness						-				-	-			-		-
H.R. / I.T. / M.I.A./G.I.S.				2,099,000		2,099,000				-	2,099,000		20,000	2,079,000		2,099,000
Malahat Transit	303,006		298,677	10,000		611,683		-		-	611,683			611,683		611,683
Transit	2,354,650		601,168	95,000		3,050,818				-	3,050,818			3,050,818		3,050,818
911	1,010,211					1,010,211		(50,000)		(50,000)	960,211		110,914	849,297		960,211
Grants-in-Aid	156,293					156,293					156,293			156,293		156,293
Economic Development	541,758					541,758				-	541,758			541,758		541,758
Regional Tourism	120,000					120,000				-	120,000			120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000				-	30,000			30,000		30,000
Environmental Initiatives	590,000			310,000		900,000				-	900,000			900,000		900,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054				-	3,282,054		3,282,054			3,282,054
Parks, Recreation, Culture & Facilities				414,796		414,796				-	414,796			414,796		414,796
Administration Building				713,425		713,425				-	713,425	90,294	154,753	468,378		713,425
Emergency Planning	786,439		28,004	140,717		955,160				-	955,160			955,160		955,160
Community Parks	1,914,639		3,000			1,917,639	25,000			25,000	1,942,639	506,265	175,349	1,261,025		1,942,639
Electoral Area Services	804,924					804,924				-	804,924			804,924		804,924
Parks & Trails	751,726					751,726				-	751,726	21,005		730,721		751,726
Regional Parks	1,050,000					1,050,000				-	1,050,000	95,659	129,341	825,000		1,050,000
Bright Angel Park	62,500		5,000			67,500				-	67,500			67,500		67,500
South Cowichan Community Parks	62,000					62,000				-	62,000			62,000		62,000
Kinsol Trestle	105,000					105,000				-	105,000			105,000		105,000
Regional Parkland Acquisition	865,000					865,000	(122,012)			(122,012)	742,988	742,988				742,988
Trail Control	45,116			71,893		117,009				-	117,009			117,009		117,009
Concrete & Inspection	511,264			650,000		1,161,264				-	1,161,264		25,000	1,136,264		1,161,264
Community Planning	2,071,000			150,000		2,221,000				-	2,221,000	21,000		2,200,000		2,221,000
North Oyster Fire Protection	529,648		94,633			624,281				-	624,281		550,000	74,281		624,281
Mesachie Lake Fire Protection	47,382			6,000		53,382	(1,300)			(1,300)	52,082			52,082		52,082
Lake Cowichan Fire Protection	252,665					252,665				-	252,665			252,665		252,665
Saltair Fire Protection	164,352					164,352				-	164,352			164,352		164,352
Sahlam Fire Protection	246,777		1,935			248,712				-	248,712	38,990	16,678	153,044		248,712
Malahat Fire Protection	190,614		52,621			243,235				-	243,235		40,000	181,653		243,235
Eagle Heights Fire Protection	200,678					200,678				-	200,678		40,000	200,678		200,678
Honeymoon Bay Fire Protection	187,000					187,000	100,000			100,000	287,000			187,000		287,000
Youbou Fire Protection	205,532					205,532	100,000			100,000	305,532		100,000	205,532		305,532
Arts and Culture	130,000					130,000				-	130,000			130,000		130,000
Cowichan Lake Recreation	2,455,396		460,114	450,000		3,365,510	(50,000)			(50,000)	3,315,510	92,589	477,957	2,294,964		3,315,510
Kerry Park Recreation	2,886,345		810,000	1,067,350		4,763,695	150,000			150,000	4,913,695	410,433	92,212	2,611,050		4,913,695
Kerry Park Aquatic Service	100,000					100,000				-	100,000			100,000		100,000
Island Savings Centre	5,418,483		1,787,034	469,682		7,675,199	(468,000)			(468,000)	7,207,199		135,606	5,831,593		7,207,199
Island Savings Centre Theatre Loan						-				-	-			-		-
Theatre Grant - Area A	41,001					41,001				-	41,001			41,001		41,001
Theatre Grant - Area B	66,484					66,484				-	66,484			66,484		66,484
Theatre Grant - Area C	77,438					77,438				-	77,438			77,438		77,438
Theatre Grant N. Cowichan	134,029					134,029				-	134,029			134,029		134,029
Theatre Grant - Ladysmith	50,818					50,818				-	50,818			50,818		50,818
COWICHAN SPORTSPLEX - AREA A	13,989					13,989				-	13,989			13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365				-	13,365			13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474				-	8,474			8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935				-	9,935			9,935		9,935
Recreation Mill Bay	10,000					10,000				-	10,000			10,000		10,000
Recreation Glenora	8,454					8,454				-	8,454			8,454		8,454
Recreation Saltair	45,790					45,790				-	45,790	36,272		9,518		45,790
Victim Services West	12,500					12,500				-	12,500			12,500		12,500
Cowichan Lake Activity Centre	55,105					55,105				-	55,105			55,105		55,105
Victim Services	80,000					80,000				-	80,000			80,000		80,000
Recreation N. Oyster	92,621					92,621				-	92,621			92,621		92,621

**SR1**

**Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)**

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures						
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Aquatic Centre - Area E	24,314					24,314				-	24,314				24,314		24,314
Cowichan Wooden Boat Society	13,600					13,600				-	13,600				13,600		13,600
Shawnigan Lake Community Centre	707,200		518,175	105,000		1,330,375				-	1,330,375		135,000	1,195,375		1,330,375	
Cobble Hill Historical Society	15,000					15,000				-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000				-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015				-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524				-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000				-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506				-	17,506				17,506		17,506
Kaatza Society	30,000					30,000				-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000				-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000				-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	4,816					4,816		-		-	4,816				4,816		4,816
COWICHAN AQUATIC CENTRE - AREA I	4,816					4,816		-		-	4,816				4,816		4,816
Shawnigan Basin Society	50,000					50,000				-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200				-	200				200		200
Thetis Island Wharf		9,000				9,000				-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000				-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800				-	800				800		800
Safer Futures	27,575					27,575				-	27,575				27,575		27,575
Social Planning	50,983					50,983				-	50,983				50,983		50,983
South Cowichan Community Policing	60,019					60,019				-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375				-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000		-		-	61,000				61,000		61,000
Engineering Services - Administration				290,000		290,000				-	290,000		50,000	240,000		290,000	
Engineering Services - Utilities				2,354,060		2,354,060		60,000	60,000	-	2,414,060	40,976	60,000	2,313,084		2,414,060	
Island Solid Waste & Recycling		22,213				22,213				-	22,213				22,213		22,213
Curbside Collection			1,097,327	487,500		1,584,827	(120,000)		(120,000)	-	1,464,827		144,820	1,320,007		1,464,827	
Solid Waste Complex	4,206,210		2,841,398	1,025,855	550,000	8,623,463	(140,591)		(140,591)	-	8,482,872	267,541	455,724	550,000	7,209,607	8,482,872	
Cowichan Flood Management	150,000					150,000				-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000				-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900				-	95,900				95,900		95,900
Liquid Waste Plan South Sector	125,000					125,000				-	125,000				125,000		125,000
Street Lighting - Mesachie	6,050					6,050				-	6,050				6,050		6,050
Street Lighting - Youbou		31,000				31,000				-	31,000				31,000		31,000
Street Lighting - Brentwood			235	50		285				-	285				285		285
Street Lighting - Cowichan Bay	4,850					4,850				-	4,850				4,850		4,850
Street Lighting - Honeymoon Bay	24,200					24,200				-	24,200				24,200		24,200
Street Lighting - Mill Bay			2,225	100		2,325				-	2,325				2,325		2,325
Street Lighting - Cobble Hill		2,499				2,499				-	2,499				2,499		2,499
Critical Street Lighting A	2,500					2,500				-	2,500				2,500		2,500
Critical Street Lighting B	1,250					1,250				-	1,250				1,250		1,250
Critical Street Lighting C	3,100					3,100				-	3,100				3,100		3,100
Critical Street Lighting D	900					900				-	900				900		900
Critical Street Lighting E	4,800					4,800				-	4,800				4,800		4,800
Critical Street Lighting I	1,255					1,255				-	1,255				1,255		1,255
Asset Management										-							
Street Lighting - Wilmot Road	4,000					4,000				-	4,000				4,000		4,000
Street Lighting - Sentinel Ridge	2,880					2,880				-	2,880				2,880		2,880
Street Lighting - Twin Cedars	4,100					4,100				-	4,100				4,100		4,100
Street Lighting - Arbutus Mountain	4,100					4,100				-	4,100				4,100		4,100
Mill Springs Street Lighting	13,000					13,000				-	13,000				13,000		13,000
Satellite Park Water		48,400	35,000	-		83,400				-	83,400		11,981	10,000	61,419		83,400
Douglas Hill Water		51,200	51,000			102,200		-		-	102,200		11,337		90,863		102,200
Lambourn Water		41,144	93,880	-	-	135,024		-		-	135,024		7,088		127,936		135,024
Arbutus Mountain Water		32,000	31,000	-		63,000		-		-	63,000				63,000		63,000
Fern Ridge Water		19,600	15,000	-		34,600				-	34,600		1,735		32,865		34,600
Bald Mountain Water System		52,520	25,000	-		77,520	(8,000)		(8,000)	-	69,520				69,520		69,520
Dogwood Ridge Water System		23,100	21,500	-		44,600				-	44,600		5,312		39,288		44,600

**SR1**

Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					SCHEDULE "B"					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Expenditures			Total Expenditures	
											Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	
Arbutus Ridge Water System			275,927			275,927	50,000			50,000		6,608	50,000	269,319		325,927
Carlton Water System		29,000	15,500			44,500				-		5,665		38,835		44,500
Shellwood Water System		24,500	12,000			36,500				-		5,216		31,284		36,500
Woodley Range Water System		31,444	-			31,444				-		644		30,800		31,444
Burnum Water System		45,370	41,700			87,070	(5,000)		(5,000)	82,070		22,526		59,544		82,070
Mesachie Lake Water		30,300	20,000	-		50,300				50,300			-	50,300		50,300
Saltair Water		490,000	287,528			777,528				777,528			300,000	477,528		777,528
Central Youbou Water Debt		36,850				36,850				-		36,850		-		36,850
Youbou Water		159,354	85,000	-		244,354	(10,000)		(10,000)	234,354	32,854	8,506		192,994		234,354
Honeymoon Bay Water		62,212	62,930	-		125,142	(5,000)		(5,000)	120,142	-	-		120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				-		2,623		-		2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				25,744				25,744		25,744
Cherry Point Water		23,000	14,000	-		37,000	10,000		10,000	47,000			10,000	37,000		47,000
Shawnigan Lake North Water		208,800	193,135			401,935				-		100,000		301,935		401,935
Shawnigan Weir				1,000		1,000				-				1,000		1,000
Kerry Village Water		20,000	44,000			64,000				-				64,000		64,000
Wilmot Road Drainage	7,000					7,000				-				7,000		7,000
Sentinel Ridge Drainage	5,000					5,000				-				5,000		5,000
Shawnigan Lake East Drainage	2,050					2,050				-				2,050		2,050
Arbutus Mountain Drainage	4,400					4,400				-				4,400		4,400
Lanes Road Drainage	3,800					3,800				-				3,800		3,800
Bald Mountain Drainage System	4,500					4,500				-				4,500		4,500
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				-				20,000		20,000
Shawnigan Creek Cleanout System	13,000					13,000				-				13,000		13,000
Nchan Bay Sewer		231,880	270,000	-	1,490,000	1,991,880	(104,587)		(104,587)	1,887,293		32,546	1,520,000	334,747		1,887,293
North Sewer System		24,780	28,800			53,580				-		1,976		51,604		53,580
Sentinel Ridge Sewer		52,950	63,000	-		115,950				-				115,950		115,950
Twin Cedars Sewer		52,000	34,000	-		86,000	(1,000)		(1,000)	85,000				85,000		85,000
Lambourn Sewer		31,200	84,459			115,659				-		10,632		105,027		115,659
Arbutus Mountain Sewer		95,000	53,765	-		148,765				-				148,765		148,765
Cobble Hill Sewer		35,000	22,000			57,000				-		3,115		53,885		57,000
Mesachie Lake Sewer		20,000	15,000			35,000				-				35,000		35,000
Bald Mountain Sewer System		52,000	22,000	-		74,000	(10,000)		(10,000)	64,000				64,000		64,000
Mill Springs Sewer System		109,600	80,000			189,600	(5,000)		(5,000)	184,600				184,600		184,600
Arbutus Ridge Sewer System			304,471	-	-	304,471				-		35,000	2,450,000	(2,180,529)		304,471
Eagle Heights Sewer			-	-		-				-				-		-
Maple Hills Sewer		27,000	17,000			44,000				-				44,000		44,000
Shawnigan Lake Sewer		148,400	160,000	1,000	-	309,400	(5,000)		(5,000)	304,400	10,503	32,597	10,000	251,300		304,400
Kerry Village Sewer		27,500	75,000			102,500	(4,000)		(4,000)	98,500	2,207	6,287		90,006		98,500
Youbou Sewer System		44,000	16,000			60,000	(2,000)		(2,000)	58,000	7,884			50,116		58,000
Elkington Water System		-	30,000			30,000				30,000				30,000		30,000
Elkington Forest Sewer System		-	35,600			35,600				35,600				35,600		35,600
<b>TOTALS</b>	<b>38,119,568</b>	<b>2,474,183</b>	<b>11,236,741</b>	<b>14,592,466</b>	<b>2,040,000</b>	<b>68,462,959</b>	<b>(676,490)</b>		<b>(616,490)</b>	<b>67,846,469</b>	<b>2,417,460</b>	<b>5,129,630</b>	<b>9,960,604</b>	<b>50,338,775</b>		<b>67,846,469</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,375,500			230,000		2,605,500			-	2,605,500			35,000	2,570,500		2,605,500
Community Health Network				3,432		3,432			-	3,432				3,432		3,432
V. I. Regional Library	1,888,100					1,888,100			-	1,888,100				1,888,100		1,888,100
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,121,000		2,121,000			-	2,121,000			-	2,121,000		2,121,000
Malahat Transit	378,209		353,125	11,750		743,084		-	-	743,084				743,084		743,084
Transit	2,917,241		627,942	105,000		3,650,183			-	3,650,183		201,920		3,448,263		3,650,183
911	1,025,364			-		1,025,364	(50,000)		(50,000)	975,364		87,740		887,624		975,364
Grants-in-Aid	156,293					156,293			-	156,293				156,293		156,293
Economic Development	552,593					552,593			-	552,593				552,593		552,593
Regional Tourism	120,000			-		120,000			-	120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000			-	30,000				30,000		30,000
Environmental Initiatives	600,000			313,000		913,000			-	913,000				913,000		913,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054			-	3,282,054				-		3,282,054
Parks, Recreation, Culture & Facilities				427,910		427,910			-	427,910				427,910		427,910
Administration Building				656,499		656,499			-	656,499		154,753		501,746		656,499
Emergency Planning	802,168		28,565	143,532		974,265		-	-	974,265				974,265		974,265
Community Parks	1,919,639		3,000	-		1,922,639	25,000		25,000	1,947,639	442,368		230,913	1,274,358		1,947,639
Electoral Area Services	821,022					821,022			-	821,022				821,022		821,022
Parks & Trails	766,340					766,340			-	766,340	21,005			745,335		766,340
Regional Parks	1,050,000					1,050,000			-	1,050,000			1,124,341	(74,341)		1,050,000
Bright Angel Park	65,500		5,000			70,500			-	70,500				70,500		70,500
South Cowichan Community Parks	62,000					62,000			-	62,000				62,000		62,000
21st Street Trestle	105,000					105,000			-	105,000				105,000		105,000
Regional Parkland Acquisition	865,000					865,000	750,000		750,000	1,615,000	742,988			872,012		1,615,000
Animal Control	44,930			74,419		119,349			-	119,349				119,349		119,349
Enforcement & Inspection	534,279			650,000		1,184,279			-	1,184,279				1,184,279		1,184,279
Community Planning	2,111,000			160,000		2,271,000			-	2,271,000				2,271,000		2,271,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)		(150,000)	474,281	119,900			354,381		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)		(1,300)	54,700				54,700		54,700
Lake Cowichan Fire Protection	257,719					257,719			-	257,719				257,719		257,719
Saltair Fire Protection	167,639					167,639			-	167,639				167,639		167,639
Sahtlam Fire Protection	246,777			1,935		248,712	(8,845)		(8,845)	239,867	38,990	16,678	15,000	169,199		239,867
Malahat Fire Protection	190,614		52,621			243,235	(20,000)		(20,000)	223,235		21,582		201,653		223,235
Eagle Heights Fire Protection	204,691					204,691			-	204,691				204,691		204,691
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)		(40,000)	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(40,000)		(40,000)	165,532			6,000	159,532		165,532
Arts and Culture	130,000					130,000			-	130,000				130,000		130,000
Cowichan Lake Recreation	2,502,273		460,114	95,000		3,057,387	(50,000)		(50,000)	3,007,387	92,589	477,957	95,000	2,341,841		3,007,387
Kerry Park Recreation	2,916,825		815,000	65,000		3,796,825			-	3,796,825	460,433	92,212	215,000	3,029,180		3,796,825
Kerry Park Aquatic Service	100,000					100,000			-	100,000				100,000		100,000
Island Savings Centre	5,843,526		1,817,985	469,682		8,131,193	(468,000)		(468,000)	7,663,193		135,606	1,581,500	5,946,087		7,663,193
Island Savings Centre Theatre Loan						-			-	-				-		-
Theatre Grant - Area A	41,821					41,821			-	41,821				41,821		41,821
Theatre Grant - Area B	67,813					67,813			-	67,813				67,813		67,813
Theatre Grant - Area C	78,987					78,987			-	78,987				78,987		78,987
Theatre Grant N. Cowichan	136,710					136,710			-	136,710				136,710		136,710
Theatre Grant - Ladysmith	51,835					51,835			-	51,835				51,835		51,835
COWICHAN SPORTSPLEX - AREA A	13,989					13,989			-	13,989				13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365			-	13,365				13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474			-	8,474				8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935			-	9,935				9,935		9,935
Recreation Mill Bay	10,000					10,000			-	10,000				10,000		10,000
Recreation Glenora	8,454					8,454			-	8,454				8,454		8,454
Recreation Saltair	46,000					46,000			-	46,000				46,000		46,000
Victim Services West	12,500					12,500			-	12,500				12,500		12,500

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)			Expenditures						
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	94,474					94,474			-	94,474				94,474		94,474
Cowichan Aquatic Centre - Area E	24,800					24,800			-	24,800				24,800		24,800
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	710,500		525,000	25,000		1,260,500			-	1,260,500		270,000		990,500		1,260,500
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	4,913					4,913			-	4,913				4,913		4,913
COWICHAN AQUATIC CENTRE - AREA I	4,913					4,913			-	4,913				4,913		4,913
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
Regional Planning	50,983					50,983			-	50,983				50,983		50,983
North Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000			-	61,000				61,000		61,000
Engineering Services - Administration				250,000		250,000			-	250,000				250,000		250,000
Engineering Services - Utilities				-	2,403,571	2,403,571			-	2,403,571	39,383	50,000	2,314,188		2,403,571	
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,195,000	487,500		1,682,500	(120,000)	(120,000)	-	1,562,500		144,820	1,417,680		1,562,500	
Solid Waste Complex	4,206,210		2,841,398	1,042,696		8,090,304	(40,591)	(40,591)	-	8,049,713	267,541	328,373	7,453,799		8,049,713	
Cowichan Flood Management	150,000					150,000			-	150,000			150,000		150,000	
South Cowichan Water Study Plan	75,000					75,000			-	75,000			75,000		75,000	
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900			95,900		95,900	
Liquid Waste Plan South Sector	-					-			-	-			-		-	
Street Lighting - Mesachie	6,050					6,050			-	6,050			6,050		6,050	
Street Lighting - Youbou		31,000				31,000			-	31,000			31,000		31,000	
Street Lighting - Brentwood			240	50		290			-	290			290		290	
Street Lighting - Cowichan Bay	4,850					4,850			-	4,850			4,850		4,850	
Street Lighting - Honeymoon Bay	24,300					24,300			-	24,300			24,300		24,300	
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350			2,350		2,350	
Street Lighting - Cobble Hill		2,499				2,499			-	2,499			2,499		2,499	
Critical Street Lighting A	2,500					2,500			-	2,500			2,500		2,500	
Critical Street Lighting B	1,250					1,250			-	1,250			1,250		1,250	
Critical Street Lighting C	3,100					3,100			-	3,100			3,100		3,100	
Critical Street Lighting D	950					950			-	950			950		950	
Critical Street Lighting E	4,900					4,900			-	4,900			4,900		4,900	
Critical Street Lighting I	1,260					1,260			-	1,260			1,260		1,260	
Asset Management									-							
Street Lighting - Wilmot Road	4,100					4,100			-	4,100			4,100		4,100	
Street Lighting - Sentinel Ridge	2,910					2,910			-	2,910			2,910		2,910	
Street Lighting - Twin Cedars	4,100					4,100			-	4,100			4,100		4,100	
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200			4,200		4,200	
Mill Springs Street Lighting	13,000					13,000			-	13,000			13,000		13,000	

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Satellite Park Water		48,400	35,000			83,400			-	83,400		11,981		71,419		83,400
Douglas Hill Water		51,200	51,000			102,200	-		-	102,200		11,337	-	90,863		102,200
Lambourn Water		41,200	94,000	-		135,200	-		-	135,200	-	7,088	-	128,112		135,200
Arbutus Mountain Water		35,000	31,000	50,000		116,000	-		-	116,000			160,000	(44,000)		116,000
Fern Ridge Water		19,600	16,000			35,600	-		-	35,600		1,735		33,865		35,600
Bald Mountain Water System		52,520	25,000	-		77,520	(8,000)		(8,000)	69,520			-	69,520		69,520
Dogwood Ridge Water System		23,100	21,500	-		44,600	-		-	44,600		5,312	-	39,288		44,600
Arbutus Ridge Water System			284,205			284,205	(5,000)		(5,000)	279,205		6,608	-	272,597		279,205
Carlton Water System		29,000	16,000			45,000			-	45,000		5,665		39,335		45,000
Shellwood Water System		24,500	12,000			36,500			-	36,500		5,216		31,284		36,500
Woodley Range Water System		29,444	-			29,444			-	29,444		644		28,800		29,444
Burnum Water System		46,570	42,000			88,570	(5,000)		(5,000)	83,570		22,526		61,044		83,570
Mesachie Lake Water		31,000	20,000	-		51,000	(3,000)		(3,000)	48,000			-	48,000		48,000
Saltair Water		490,000	287,935			777,935	-		-	777,935			300,000	477,935		777,935
Central Youbou Water Debt		36,850				36,850			-	36,850		36,850		-		36,850
Youbou Water		159,354	85,000	-		244,354	(10,000)		(10,000)	234,354	32,854	8,506	-	192,994		234,354
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142	-	-		120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623			-	2,623		2,623		-		2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744			-	25,744				25,744		25,744
Cherry Point Water		23,000	14,000			37,000	-		-	37,000				37,000		37,000
Shawnigan Lake North Water		281,025	289,110	-	-	570,135			-	570,135		257,000	-	313,135		570,135
Shawnigan Weir				1,000		1,000			-	1,000				1,000		1,000
Kerry Village Water		20,000	44,000			64,000			-	64,000				64,000		64,000
Not Road Drainage	7,000					7,000			-	7,000				7,000		7,000
Sinclair Ridge Drainage	5,000					5,000			-	5,000				5,000		5,000
Shawnigan Lake East Drainage	2,100					2,100			-	2,100				2,100		2,100
Arbutus Mountain Drainage	4,400					4,400			-	4,400				4,400		4,400
Lanes Road Drainage	3,800					3,800			-	3,800				3,800		3,800
Bald Mountain Drainage System	4,500					4,500			-	4,500				4,500		4,500
Cobble Hill Drainage System	-					-			-	-				-		-
Arbutus Ridge Drainage System	20,000					20,000			-	20,000				20,000		20,000
Shawnigan Creek Cleanout System	13,000					13,000			-	13,000				13,000		13,000
Cowichan Bay Sewer		231,880	300,000			531,880	(4,587)		(4,587)	527,293		132,729	70,000	324,564		527,293
Brulett Sewer System		30,000	32,000			62,000	-		-	62,000		15,000		47,000		62,000
Sentinel Ridge Sewer		52,950	63,000	-		115,950	-		-	115,950			60,000	55,950		115,950
Twin Cedars Sewer		52,000	34,500			86,500	(1,000)		(1,000)	85,500		10,632	-	74,868		85,500
Lambourn Sewer		31,200	85,459			116,659	-		-	116,659		10,632		106,027		116,659
Arbutus Mountain Sewer		95,000	55,000			150,000	20,000		20,000	170,000			20,000	150,000		170,000
Cobble Hill Sewer		35,000	24,000			59,000	(3,000)		(3,000)	56,000		2,880		53,120		56,000
Mesachie Lake Sewer		20,000	15,000	462,000	238,000	735,000			-	735,000		1,821	745,000	(11,821)		735,000
Bald Mountain Sewer System		52,000	22,000	-		74,000	(8,000)		(8,000)	66,000			-	66,000		66,000
Mill Springs Sewer System		109,600	85,000			194,600	(8,000)		(8,000)	186,600			-	186,600		186,600
Arbutus Ridge Sewer System			446,355	-	-	446,355	-		-	446,355		166,884	-	279,471		446,355
Eagle Heights Sewer			236,100	121,500		357,600	14,453		14,453	372,053			50,000	322,053		372,053
Maple Hills Sewer		27,000	18,000			45,000	-		-	45,000			-	45,000		45,000
Shawnigan Lake Sewer		155,000	160,000			315,000	(5,000)		(5,000)	310,000	10,503	31,725		267,772		310,000
Kerry Village Sewer		28,000	80,000			108,000	(5,000)		(5,000)	103,000		6,287		96,713		103,000
Youbou Sewer System		44,000	16,000			60,000	(2,000)		(2,000)	58,000	7,884			50,116		58,000
Elkington Water System		-	35,000			35,000				35,000				35,000		35,000
Elkington Forest Sewer System		-	59,000			59,000				59,000				59,000		59,000
<b>TOTALS</b>	<b>39,403,986</b>	<b>2,561,684</b>	<b>12,018,967</b>	<b>11,277,058</b>	<b>2,641,571</b>	<b>67,903,267</b>	<b>(251,870)</b>	<b>-</b>	<b>(251,870)</b>	<b>67,651,397</b>	<b>2,276,438</b>	<b>5,617,635</b>	<b>5,115,494</b>	<b>54,641,829</b>	<b>-</b>	<b>67,651</b>

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2020)

**SCHEDULE "B"**

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,406,500			230,000		2,636,500			-	2,636,500		35,000		2,601,500		2,636,500
Community Health Network						-			-	-				-		-
V. I. Regional Library	1,925,862					1,925,862				1,925,862				1,925,862		1,925,862
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,162,000		2,162,000				2,162,000				2,162,000		2,162,000
Malahat Transit	372,620		353,126	12,500		738,246	-			738,246				738,246		738,246
Transit	2,975,133		657,590	112,000		3,744,723		66,000	66,000	3,810,723	201,920			3,608,803		3,810,723
911	1,040,745			-		1,040,745	(50,000)		(50,000)	990,745		105,716		885,029		990,745
Grants-in-Aid	156,293					156,293				156,293				156,293		156,293
Economic Development	563,645					563,645				563,645				563,645		563,645
Regional Tourism	120,000			-		120,000				120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000				30,000				30,000		30,000
Environmental Initiatives	610,000			310,000		920,000				920,000				920,000		920,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054				3,282,054				-		3,282,054
Parks, Recreation, Culture & Facilities				435,982		435,982				435,982		3,282,054		435,982		435,982
Administration Building				665,034		665,034				665,034	-	154,753		510,281		665,034
Emergency Planning	818,212		29,136	146,402		993,750	-			993,750				993,750		993,750
Community Parks	1,710,000		4,000	-		1,714,000	-			1,714,000	84,881		338,000	1,291,119		1,714,000
Electoral Area Services	837,443			-		837,443				837,443				837,443		837,443
Parks & Trails	780,753					780,753				780,753	10,511			770,242		780,753
Regional Parks	1,050,000					1,050,000				1,050,000			119,341	930,659		1,050,000
Bright Angel Park	65,500		5,000			70,500				70,500				70,500		70,500
South Cowichan Community Parks	62,000					62,000				62,000				62,000		62,000
24 ol Trestle	105,000					105,000				105,000			410,000	(305,000)		105,000
24 onal Parkland Acquisition	865,000					865,000	(122,012)		(122,012)	742,988	742,988			-		742,988
24 nicipal Control	44,741			76,995		121,736				121,736				121,736		121,736
Enforcement & Inspection	532,754			650,000		1,182,754				1,182,754				1,182,754		1,182,754
Community Planning	2,154,000			162,000		2,316,000				2,316,000				2,316,000		2,316,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)		(150,000)	474,281				356,856		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)		(1,300)	54,700				54,700		54,700
Lake Cowichan Fire Protection	262,873					262,873				262,873				262,873		262,873
Saltair Fire Protection	170,991					170,991				170,991				170,991		170,991
Sahtlam Fire Protection	246,777			1,935		248,712	(12,925)		(12,925)	235,787	38,990	12,487		184,310		235,787
Malahat Fire Protection	190,614		52,621	-		243,235	(20,000)		(20,000)	223,235		21,582		201,653		223,235
Eagle Heights Fire Protection	208,785					208,785				208,785				208,785		208,785
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)		(40,000)	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(50,000)		(50,000)	155,532				155,532		155,532
Arts and Culture	130,000					130,000				130,000				130,000		130,000
Cowichan Lake Recreation	2,550,088		460,114	75,000		3,085,202	(50,000)		(50,000)	3,035,202	92,589	477,957	75,000	2,389,656		3,035,202
Kerry Park Recreation	2,916,825		820,000	63,500		3,800,325	(150,000)		(150,000)	3,650,325	317,327	92,212	50,000	3,190,786		3,650,325
Kerry Park Aquatic Service	100,000					100,000				100,000				100,000		100,000
Island Savings Centre	4,847,241		1,849,555	469,682		7,166,478	(468,000)		(468,000)	6,698,478		135,606	500,000	6,062,872		6,698,478
Island Savings Centre Theatre Loan	-					-				-				-		-
Theatre Grant - Area A	42,657					42,657				42,657				42,657		42,657
Theatre Grant - Area B	69,170					69,170				69,170				69,170		69,170
Theatre Grant - Area C	80,567					80,567				80,567				80,567		80,567
Theatre Grant N. Cowichan	139,444					139,444				139,444				139,444		139,444
Theatre Grant - Ladysmith	52,872					52,872				52,872				52,872		52,872
COWICHAN SPORTSPLEX - AREA A	13,989					13,989				13,989				13,989		13
COWICHAN SPORTSPLEX - AREA C	13,365					13,365				13,365				13,365		13
COWICHAN SPORTSPLEX - AREA D	8,474					8,474				8,474				8,474		8
COWICHAN SPORTSPLEX - AREA E	9,935					9,935				9,935				9,935		9
Recreation Mill Bay	10,000					10,000				10,000				10,000		10
Recreation Glenora	8,454					8,454				8,454				8,454		8
Recreation Saltair	46,000					46,000				46,000				46,000		46
Victim Services West	12,500					12,500				12,500				12,500		12,500

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**Cowichan Valley Regional District  
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(Year 2020)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	96,363					96,363			-	96,363				96,363		96,363
Cowichan Aquatic Centre - Area E	25,296					25,296			-	25,296				25,296		25,296
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	715,000		526,650	50,000		1,291,650			-	1,291,650	45,900		50,000	1,195,750		1,291,650
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	5,011					5,011		-	-	5,011				5,011		5,011
COWICHAN AQUATIC CENTRE - AREA I	5,011					5,011		-	-	5,011				5,011		5,011
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
Regional Planning	50,983					50,983			-	50,983				50,983		50,983
South Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000		-	-	61,000				61,000		61,000
Engineering Services - Administration				250,000		250,000			-	250,000			-	250,000		250,000
Engineering Services - Utilities				-	2,434,809	2,434,809			-	2,434,809	29,548		50,000	2,355,261		2,434,809
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,250,000	487,500		1,737,500	(120,000)	(120,000)	-	1,617,500		144,820		1,472,680		1,617,500
Solid Waste Complex	4,206,210		2,841,398	1,131,763		8,179,371	(40,591)	(40,591)	-	8,138,780	216,959	320,946		7,600,875		8,138,780
Cowichan Flood Management	150,000					150,000			-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000			-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900				95,900		95,900
Liquid Waste Plan South Sector						-			-	-				-		-
Street Lighting - Mesachie	6,100					6,100			-	6,100				6,100		6,100
Street Lighting - Youbou		31,000				31,000			-	31,000				31,000		31,000
Street Lighting - Brentwood			245	50		295			-	295				295		295
Street Lighting - Cowichan Bay	4,900					4,900			-	4,900				4,900		4,900
Street Lighting - Honeymoon Bay	24,400					24,400			-	24,400				24,400		24,400
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350				2,350		2,350
Street Lighting - Cobble Hill		2,499				2,499			-	2,499				2,499		2,499
Critical Street Lighting A	2,600					2,600			-	2,600				2,600		2,600
Critical Street Lighting B	1,300					1,300			-	1,300				1,300		1,300
Critical Street Lighting C	3,200					3,200			-	3,200				3,200		3,200
Critical Street Lighting D	1,000					1,000			-	1,000				1,000		1,000
Critical Street Lighting E	5,000					5,000			-	5,000				5,000		5,000
Critical Street Lighting I	1,265					1,265			-	1,265				1,265		1,265
Asset Management									-							
Street Lighting - Wilmot Road	4,100					4,100			-	4,100				4,100		4,100
Street Lighting - Sentinel Ridge	2,930					2,930			-	2,930				2,930		2,930
Street Lighting - Twin Cedars	4,200					4,200			-	4,200				4,200		4,200
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200				4,200		4,200
Mill Springs Street Lighting	13,000					13,000			-	13,000				13,000		13,000

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(Year 2020)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Satellite Park Water		49,960	35,000			84,960	(6,575)		(6,575)	78,385		11,981		66,404		78,385
Douglas Hill Water		51,200	52,000		-	103,200	-		-	103,200		11,337		91,863		103,200
Lambourn Water		41,200	94,000	-		135,200				135,200	-	7,088		128,112		135,200
Arbutus Mountain Water		35,000	31,000			66,000				66,000				66,000		66,000
Fern Ridge Water		20,000	16,000		45,000	81,000	5,000	5,000	5,000	86,000		3,000		83,000		86,000
Bald Mountain Water System		52,520	27,000			79,520	(7,000)		(7,000)	72,520				72,520		72,520
Dogwood Ridge Water System		28,000	21,500			49,500				49,500		5,312		44,188		49,500
Arbutus Ridge Water System			292,700			292,700	(5,000)		(5,000)	287,700		6,608		281,092		287,700
Carlton Water System		29,000	16,000			45,000				45,000		5,665		39,335		45,000
Shellwood Water System		25,000	12,000			37,000				37,000		5,216		31,784		37,000
Woodley Range Water System		29,444	-			29,444				29,444		644		28,800		29,444
Burnum Water System		46,570	43,000			89,570	(5,000)		(5,000)	84,570		22,526		62,044		84,570
Mesachie Lake Water		33,000	20,000			53,000	(3,000)		(3,000)	50,000				50,000		50,000
Saltair Water		490,000	288,935			778,935				778,935			300,000	478,935		778,935
Central Youbou Water Debt		36,850				36,850				36,850		36,850		-		36,850
Youbou Water		205,354	85,000			290,354	(5,000)		(5,000)	285,354	32,854	8,506	50,000	193,994		285,354
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142				120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				2,623		2,623				2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				25,744				25,744		25,744
Cherry Point Water		28,000	14,000			42,000	(2,000)		(2,000)	40,000				40,000		40,000
Shawnigan Lake North Water		281,025	293,159			574,184				574,184		257,000		317,184		574,184
Shawnigan Weir				1,000		1,000				1,000				1,000		1,000
Kerry Village Water		22,600	44,000			66,600				66,600				66,600		66,600
Not Road Drainage	7,000					7,000				7,000				7,000		7,000
Sinclair Ridge Drainage	5,000					5,000				5,000				5,000		5,000
Shawnigan Lake East Drainage	2,100					2,100				2,100				2,100		2,100
Arbutus Mountain Drainage	4,400					4,400				4,400				4,400		4,400
Lanes Road Drainage	3,800					3,800				3,800				3,800		3,800
Bald Mountain Drainage System	5,000					5,000				5,000				5,000		5,000
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				20,000				20,000		20,000
Shawnigan Creek Cleanout System	14,000					14,000				14,000				14,000		14,000
Cowichan Bay Sewer		233,500	300,000			533,500	(4,587)		(4,587)	528,913		132,729	70,000	326,184		528,913
Brulett Sewer System		30,000	32,000	-	-	62,000				62,000		15,000		47,000		62,000
Sentinel Ridge Sewer		52,950	64,000			116,950				116,950				116,950		116,950
Twin Cedars Sewer		55,000	34,500			89,500	(3,000)		(3,000)	86,500				86,500		86,500
Lambourn Sewer		31,200	86,459	-		117,659				117,659		10,632		107,027		117,659
Arbutus Mountain Sewer		95,000	55,000			150,000				150,000				150,000		150,000
Cobble Hill Sewer		35,000	24,000			59,000	(3,000)		(3,000)	56,000				56,000		56,000
Mesachie Lake Sewer		45,699	15,000	-		60,699				60,699		15,699		45,000		60,699
Bald Mountain Sewer System		52,000	24,000			76,000		17,000	17,000	93,000		25,000		68,000		93,000
Mill Springs Sewer System		109,600	85,000			194,600	(6,000)		(6,000)	188,600				188,600		188,600
Arbutus Ridge Sewer System			446,355			446,355	(5,000)		(5,000)	441,355		166,884		274,471		441,355
Eagle Heights Sewer			235,800	350,000		585,800	194,453	194,453	194,453	780,253				780,253		780,253
Maple Hills Sewer		30,000	18,000			48,000	(4,000)		(4,000)	44,000				44,000		44,000
Shawnigan Lake Sewer		180,000	160,000	1,000		341,000				341,000		5,252	80,000	255,748		341,000
Kerry Village Sewer		28,000	80,000			108,000	(10,000)		(10,000)	98,000		6,287		91,713		98,000
Youbou Sewer System		44,000	16,000			60,000	4,000	4,000	4,000	64,000			14,000	50,000		64,000
Elkington Water System		-	41,000			41,000				41,000				41,000		41,000
Elkington Forest Sewer System		-	61,000			61,000				61,000				61,000		61,000
<b>TOTALS</b>	<b>38,520,990</b>	<b>2,682,963</b>	<b>12,172,656</b>	<b>11,153,496</b>	<b>2,479,809</b>	<b>67,009,914</b>	<b>(1,128,537)</b>	<b>66,000</b>	<b>(1,062,537)</b>	<b>65,947,377</b>	<b>1,729,972</b>	<b>5,581,175</b>	<b>2,272,057</b>	<b>56,364,172</b>		<b>65,947</b>

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2021)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,427,500			230,000		2,657,500			-	2,657,500			35,000	2,622,500		2,657,500
Community Health Network						-			-	-				-		-
V. I. Regional Library	1,964,379					1,964,379			-	1,964,379				1,964,379		1,964,379
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,204,000		2,204,000			-	2,204,000				2,204,000		2,204,000
Malahat Transit	381,851		356,657	13,000		751,508			-	751,508				751,508		751,508
Transit	3,111,309		657,590	114,000		3,882,899			-	3,882,899		201,920		3,680,979		3,882,899
911	1,056,356			-		1,056,356	(50,000)	(50,000)	-	1,006,356		114,490		891,866		1,006,356
Grants-in-Aid	156,293					156,293			-	156,293				156,293		156,293
Economic Development	574,918					574,918			-	574,918				574,918		574,918
Regional Tourism	120,000			-		120,000			-	120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000			-	30,000				30,000		30,000
Environmental Initiatives	620,000			310,000		930,000			-	930,000				930,000		930,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054			-	3,282,054		3,282,054		-		3,282,054
Parks, Recreation, Culture & Facilities				444,216		444,216			-	444,216				444,216		444,216
Administration Building				665,034		665,034			-	665,034	-	154,753		510,281		665,034
Emergency Planning	818,212		29,136	146,402		993,750		-	-	993,750				993,750		993,750
Community Parks	1,710,000		4,000	-		1,714,000		-	-	1,714,000	84,881		338,000	1,291,119		1,714,000
Electoral Area Services	854,192					854,192			-	854,192				854,192		854,192
Parks & Trails	795,958					795,958			-	795,958	10,511			785,447		795,958
Regional Parks	1,075,000					1,075,000			-	1,075,000			139,341	935,659		1,075,000
Bright Angel Park	65,500		5,000			70,500			-	70,500			-	70,500		70,500
South Cowichan Community Parks	62,000					62,000			-	62,000				62,000		62,000
Regional Trestle	105,000					105,000			-	105,000				105,000		105,000
Regional Parkland Acquisition	865,000					865,000	(122,012)	(122,012)	-	742,988	742,988			-		742,988
Regional Control	44,548			79,623		124,171			-	124,171				124,171		124,171
Enforcement & Inspection	534,279			650,000		1,184,279			-	1,184,279				1,184,279		1,184,279
Community Planning	2,111,000			160,000		2,271,000			-	2,271,000				2,271,000		2,271,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)	(150,000)	-	474,281	114,151		-	360,130		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)	(1,300)	-	54,700				54,700		54,700
Lake Cowichan Fire Protection	268,130					268,130			-	268,130				268,130		268,130
Saltair Fire Protection	174,411					174,411			-	174,411				174,411		174,411
Sahtlam Fire Protection	246,777			1,935		248,712	(75,712)	(75,712)	-	173,000	-	-	-	173,000		173,000
Malahat Fire Protection	190,614		52,621			243,235			-	243,235		21,582		221,653		243,235
Eagle Heights Fire Protection	212,961					212,961			-	212,961				212,961		212,961
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)	(40,000)	-	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(50,000)	(50,000)	-	155,532				155,532		155,532
Arts and Culture	162,500					162,500			-	162,500				162,500		162,500
Cowichan Lake Recreation	2,555,162		460,114	105,000		3,120,276	(50,000)	(50,000)	-	3,070,276	50,824	477,957	105,000	2,436,495		3,070,276
Kerry Park Recreation	2,916,825		825,000	383,600		4,125,425			-	4,125,425	240,000	92,212	515,000	3,278,213		4,125,425
Kerry Park Aquatic Service	100,000					100,000			-	100,000				100,000		100,000
Island Savings Centre	4,847,241		1,849,555	469,682		7,166,478	(468,000)	(468,000)	-	6,698,478	135,606	500,000		6,062,872		6,698,478
Island Savings Centre Theatre Loan	-					-			-	-				-		-
Theatre Grant - Area A	43,511					43,511			-	43,511				43,511		43,511
Theatre Grant - Area B	70,553					70,553			-	70,553				70,553		70,553
Theatre Grant - Area C	82,178					82,178			-	82,178				82,178		82,178
Theatre Grant N. Cowichan	142,233					142,233			-	142,233				142,233		142,233
Theatre Grant - Ladysmith	53,929					53,929			-	53,929				53,929		53,929
COWICHAN SPORTSPLEX - AREA A	13,989					13,989			-	13,989				13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365			-	13,365				13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474			-	8,474				8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935			-	9,935				9,935		9,935
Recreation Mill Bay	10,000					10,000			-	10,000				10,000		10,000
Recreation Glenora	8,454					8,454			-	8,454				8,454		8,454
Recreation Saltair	46,000					46,000			-	46,000				46,000		46,000
Victim Services West	12,500					12,500			-	12,500				12,500		12,500

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**Cowichan Valley Regional District  
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(Year 2021)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	98,290					98,290			-	98,290				98,290		98,290
Cowichan Aquatic Centre - Area E	25,802					25,802			-	25,802				25,802		25,802
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	718,900		530,000	50,000		1,298,900	35,000		35,000	1,333,900	45,900	100,000	1,188,000		1,333,900	
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	5,111					5,111		-	-	5,111				5,111		5,111
COWICHAN AQUATIC CENTRE - AREA I	5,111					5,111		-	-	5,111				5,111		5,111
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
Financial Planning	50,983					50,983			-	50,983				50,983		50,983
North Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
South Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000		-	-	61,000				61,000		61,000
Engineering Services - Administration				305,000		305,000			-	305,000		50,000	255,000		305,000	
Engineering Services - Utilities				-	2,499,548	2,499,548			-	2,499,548	39,548	60,000	2,400,000		2,499,548	
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,250,000	487,500		1,737,500	(120,000)	(120,000)	-	1,617,500		144,820	1,472,680		1,617,500	
Solid Waste Complex	4,206,210		2,841,398	1,229,140		8,276,748	(140,591)	(140,591)	-	8,136,157	189,382	295,883	7,650,892		8,136,157	
Cowichan Flood Management	150,000					150,000			-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000			-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900				95,900		95,900
Liquid Waste Plan South Sector						-			-	-				-		-
Street Lighting - Mesachie	6,100					6,100			-	6,100				6,100		6,100
Street Lighting - Youbou		32,000				32,000			-	32,000				32,000		32,000
Street Lighting - Brentwood			250	50		300			-	300				300		300
Street Lighting - Cowichan Bay	4,900					4,900			-	4,900				4,900		4,900
Street Lighting - Honeymoon Bay	24,500					24,500			-	24,500				24,500		24,500
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350				2,350		2,350
Street Lighting - Cobble Hill		2,499				2,499			-	2,499				2,499		2,499
Critical Street Lighting A	2,600					2,600			-	2,600				2,600		2,600
Critical Street Lighting B	1,300					1,300			-	1,300				1,300		1,300
Critical Street Lighting C	3,200					3,200			-	3,200				3,200		3,200
Critical Street Lighting D	1,000					1,000			-	1,000				1,000		1,000
Critical Street Lighting E	5,100					5,100			-	5,100				5,100		5,100
Critical Street Lighting I	1,270					1,270			-	1,270				1,270		1,270
Asset Management																
Street Lighting - Wilmot Road	4,100					4,100			-	4,100				4,100		4,100
Street Lighting - Sentinel Ridge	2,960					2,960			-	2,960				2,960		2,960
Street Lighting - Twin Cedars	4,200					4,200			-	4,200				4,200		4,200
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200				4,200		4,200
Mill Springs Street Lighting	13,000					13,000			-	13,000				13,000		13,000
Satellite Park Water		49,960	35,000			84,960	(6,575)	(6,575)	-	78,385		11,981	66,404		78,385	

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SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Douglas Hill Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lambourn Water		41,200	95,000			136,200				136,200		7,088		129,112		136,200
Arbutus Mountain Water		35,000	32,000		-	67,000				67,000		8,000		59,000		67,000
Fern Ridge Water		22,700	16,000		-	38,700				38,700		3,000		35,700		38,700
Bald Mountain Water System		52,520	30,000			82,520	(10,000)		(10,000)	72,520				72,520		72,520
Dogwood Ridge Water System		28,850	21,500			50,350				50,350		5,312		45,038		50,350
Arbutus Ridge Water System			300,000			300,000				300,000		6,608		293,392		300,000
Carlton Water System		30,000	16,000			46,000				46,000		5,665		40,335		46,000
Shellwood Water System		25,000	12,000			37,000				37,000		5,216		31,784		37,000
Woodley Range Water System		29,444	-			29,444				29,444		644		28,800		29,444
Burnum Water System		46,570	44,000			90,570	(5,000)		(5,000)	85,570		22,526		63,044		85,570
Mesachie Lake Water		33,000	20,000			53,000	(3,000)		(3,000)	50,000				50,000		50,000
Saltair Water		490,000	287,935			777,935				777,935			300,000	477,935		777,935
Central Youbou Water Debt		36,850				36,850				36,850		36,850		-		36,850
Youbou Water		206,000	93,154			299,154	(10,000)		(10,000)	289,154	32,854	8,506	50,000	197,794		289,154
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142				120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				2,623		2,623		-		2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				25,744				25,744		25,744
Cherry Point Water		29,600	14,000			43,600	(3,000)		(3,000)	40,600				40,600		40,600
Shawnigan Lake North Water		281,025	286,600			567,625				567,625		257,000		310,625		567,625
Shawnigan Weir				1,000		1,000				1,000				1,000		1,000
Kerry Village Water		22,600	44,000			66,600				66,600				66,600		66,600
Wilmot Road Drainage	8,000					8,000				8,000				8,000		8,000
Sentinel Ridge Drainage	6,000					6,000				6,000				6,000		6,000
Shawnigan Lake East Drainage	2,150					2,150				2,150				2,150		2,150
Arbutus Mountain Drainage	5,000					5,000				5,000				5,000		5,000
Lanes Road Drainage	3,800					3,800				3,800				3,800		3,800
Bald Mountain Drainage System	5,000					5,000				5,000				5,000		5,000
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				20,000				20,000		20,000
Shawnigan Creek Cleanout System	14,000					14,000				14,000				14,000		14,000
Cowichan Bay Sewer		233,500	300,000			533,500	(4,587)		(4,587)	528,913		132,729	70,000	326,184		528,913
Brulett Sewer System		30,950	32,000			62,950				62,950		15,000		47,950		62,950
Sentinel Ridge Sewer		52,950	65,000			117,950				117,950				117,950		117,950
Twin Cedars Sewer		62,320	35,000			97,320				97,320				97,320		97,320
Lambourn Sewer		31,200	87,959			119,159				119,159		10,632		108,527		119,159
Arbutus Mountain Sewer		96,000	55,000			151,000				151,000				151,000		151,000
Cobble Hill Sewer		46,710	25,000			71,710	(3,000)		(3,000)	68,710		1,250		67,460		68,710
Mesachie Lake Sewer		45,699	15,000			60,699				60,699		15,699		45,000		60,699
Bald Mountain Sewer System		55,000	25,000			80,000	(10,000)		(10,000)	70,000				70,000		70,000
Mill Springs Sewer System		112,329	85,000			197,329	(7,000)		(7,000)	190,329				190,329		190,329
Arbutus Ridge Sewer System			446,355			446,355	(5,000)		(5,000)	441,355		166,884		274,471		441,355
Eagle Heights Sewer			322,162			322,162	24,453		24,453	346,615				346,615		346,615
Maple Hills Sewer		38,950	18,000			56,950				56,950				56,950		56,950
Shawnigan Lake Sewer		194,000	160,000			354,000				354,000		4,131	90,000	259,869		354,000
Kerry Village Sewer		31,100	80,000	4,000		115,100				115,100		6,287		108,813		115,100
Youbou Sewer System		57,700	16,000			73,700				73,700			20,000	53,700		73,700
Elkington Water System		-	70,000			70,000				70,000				70,000		70,000
Elkington Forest Sewer System		-	79,000			79,000				79,000				79,000		79,000
<b>TOTALS</b>	<b>38,845,624</b>	<b>2,706,018</b>	<b>12,284,799</b>	<b>11,362,336</b>	<b>2,499,548</b>	<b>67,698,324</b>	<b>(1,280,324)</b>	<b>-</b>	<b>(1,280,324)</b>	<b>66,418,000</b>	<b>1,551,039</b>	<b>5,540,417</b>	<b>2,486,831</b>	<b>56,839,713</b>	<b>-</b>	<b>66,418,000</b>





# STAFF REPORT TO THE BOARD

**DATE OF REPORT** May 10, 2017  
**MEETING TYPE & DATE** Board Meeting of May 24, 2017  
**FROM:** Water Management Division  
 Engineering Services Department  
**SUBJECT:** UBCM Strategic Priorities Fund Grant Applications  
**FILE:** 0550-01

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## PURPOSE/INTRODUCTION

The purpose of this report is to obtain Board approval for submitting UBCM Strategic Priorities Fund grant applications.

## RECOMMENDED RESOLUTION

That it be recommended to the Board:

1. That two applications to the Strategic Priorities Fund be submitted for the following projects as listed in priority order:

1. Mill Bay Wastewater Integration Project ( Area A)
2. Cobble Hill Wastewater Integration and Re-use Upgrade Project (Area C)

2. That, subject to the Strategic Priorities funding approval, capital reserve funds and operating reserve funds be used and loan authorization bylaws be prepared, and public approval be obtained to allow for borrowing to cover the remaining funds needed to pay for the local share of ineligible costs.

## BACKGROUND

The UBCM Strategic Priorities Fund (SPF) is an application based program available to local governments and other recipients outside of the Greater Vancouver Regional District to support infrastructure and capacity building projects that are either large in scale, regional in impact, or innovative, and align with the program objectives of productivity and economic growth, a clean environment, and strong cities and communities. It provides funding for strategic investments that are large in scale, regional in impact, or innovative in nature.

The SPF provides up to 100% funding for eligible capital and capacity building projects to a maximum SPF contribution of \$6 million per project. Project applications over \$6 million remain eligible provided that additional costs are confirmed through other funding sources.

Each eligible applicant may submit up to two capital applications and one capacity building application. Local Governments are invited to prepare applications for the 2017 Strategic Priorities Fund intake. All applications must be submitted by end of day on June 1, 2017.

Project works are considered ineligible if the project has started prior to the date included in the application. Feasibility studies and detailed design and cost estimates are required. A Board resolution indicating support is also required.

## ANALYSIS

The following projects were considered for this funding opportunity;

1. Mill Bay wastewater integration and stream augmentation;
2. Cobble Hill wastewater integration and reuse;

3. Shawnigan Lake North 4-3-2-1 standard treatment system;
4. Saltair 4-3-2-1 standard treatment system;
5. Arbutus Ridge class A wastewater treatment system and disposal upgrade; and
6. Saltair distribution system upgrades.

However as the CVRD is permitted only two applications, number 1 and 2 are being recommended as they best fit the goals of the program. Both involve integration of existing problematic systems and establish the basis for a broader community system, which would be considered a strategic advance on wastewater management in the area. Both projects provide an opportunity for reuse of effluent, which would be considered innovative.

Both projects also follow the strong recommendation of the Water and Wasterwater Utility Review and Assessment report by Innova Consulting that CVRD utilities be integrated where possible. They both have engineering reports ready with preliminary costs.

1. Mill Bay Wastewater Integration Phase I (Area A)

Integration of the Mill Bay wastewater system proposes to incorporate several small systems with regulatory issues within the village core area, into the proposed development of a new CVRD run centralized system. Owners of several independent systems including residential, commercial, and a school have expressed interested in joining a central system if one was available. The CVRD's Brulette Place Sewer System, which has been out of compliance since its takeover, would also be phased into the integration along with these systems. This environmentally sound project will combine systems into one state of the art system, which will produce Class A effluent, with disposal on CVRD lands and stream augmentation. By investing into capacity within this proposed facility, the community would benefit from the equivalency of 140 single family units. Land for treatment has been negotiated with a land owner, and siting of the facility can accommodate additional phasing capacity for future connections outside of this proposal.

Estimated Project Cost	\$4,500,000
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2. Cobble Hill Wastewater Integration and Re-use Upgrade Project (Area C)

Cobble Hill wastewater integration and re-use upgrade project will combine Twin Cedars and Cobble Hill sewer systems, providing wastewater treatment and disposal for approximately 165 residents, a primary school, community hall, special needs facility, a rehabilitation facility, and commercial sector with effluent reuse expansion for community park irrigation. This project can provide further growth to include the community core, providing stronger economic viability. Twin Cedars sewer system has expansion capacity, Cobble Hill sewer system is near the end of its lifecycle, and CVRD parks has requested additional effluent for parks irrigation, providing a viable opportunity for expansion.

Estimated Project Cost	\$1,900,000
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**FINANCIAL CONSIDERATIONS**

The SPF provides up to 100% funding for eligible capital and capacity building projects to a maximum SPF contribution of \$6 million per project. Project applications over \$6 million remain eligible provided that additional costs are confirmed through other funding sources. Capital reserve funds and operating reserve funds can be used, loan authorization bylaws be prepared, and public approval be obtained to allow for borrowing to cover the remaining funds needed to pay for the local share of ineligible costs.

**COMMUNICATION CONSIDERATIONS**

Liaising with community groups will be required.

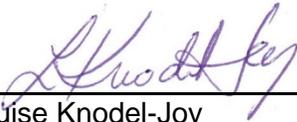
**STRATEGIC/BUSINESS PLAN CONSIDERATIONS**

Working in partnership with other stakeholders to better understand and protect the region's water resources and promote sustainable water use. Water management budgets fall under essential reliable services.

Referred to (upon completion):

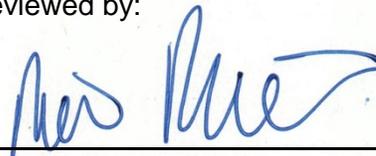
- Community Services (*Island Savings Centre, Cowichan Lake Recreation, South Cowichan Recreation, Arts & Culture, Public Safety, Facilities & Transit*)
- Corporate Services (*Finance, Human Resources, Legislative Services, Information Technology*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Planning & Development Services (*Community & Regional Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

Prepared by:



Louise Knodel-Joy  
Senior Engineering Technologist

Reviewed by:



Brian Dennison, P.Eng.  
Manager



Hamid Hatami, P.Eng.  
General Manager

Reviewed for Form and Content and Approved for Submission to the Board:

Chief Administrative Officer's Comments / Concurrence



Brian Carruthers  
Chief Administrative Officer

ATTACHMENTS: N/A





# STAFF REPORT TO THE BOARD

**DATE OF REPORT** May 17, 2017  
**MEETING TYPE & DATE** Board Meeting of May 24, 2017  
**FROM:** Legislative Services Division  
 Corporate Services Department  
**SUBJECT:** Resignation of Director Sonia Furstenau  
**FILE:**

## PURPOSE/INTRODUCTION

The purpose of this report is to advise the Board pursuant to Section 203 of the *Local Government Act* that Sonia Furstenau has resigned as Director for Electoral Area B – Shawnigan Lake.

## RECOMMENDED RESOLUTION

For information.

## BACKGROUND

Electoral Area B – Shawnigan Lake Director Sonia Furstenau ran in the May 9, 2017 Provincial election. Based on the results of the election, she submitted her resignation as Director for Area B on May 16, 2017.

When the office of an Electoral Area Director becomes vacant through resignation, the Alternate Director assumes the office on an interim basis if they are willing to do so. Alternate Director Sierra Acton has confirmed that she is able and willing to hold the office of Area B Director. Alternate Director Acton took her Oath of Office on May 17, 2017 and has assumed the office of Area B Director on an interim basis.

## ANALYSIS

The regional district is required to hold a by-election to replace former Director Furstenau. A tentative date of September 30 has been selected for the by-election. Staff are reviewing the necessary logistics and initial preparations have begun. A detailed report including recommendations on the appointment of a Chief Election Officer and formal setting of the by-election date will be considered by the Directors at the July 12 Board meeting.

## FINANCIAL CONSIDERATIONS

There is a budget of \$20,000 for election expenditures in the 2017 Electoral Area Services function 250 Budget. Due to the population of Area B, it is anticipated that the actual costs will be higher, but these costs are unknown at this time.

## COMMUNICATION CONSIDERATIONS

Not at this time.

## STRATEGIC/BUSINESS PLAN CONSIDERATIONS

N/A

Referred to (upon completion):

- Community Services (*Island Savings Centre, Cowichan Lake Recreation, South Cowichan Recreation, Arts & Culture, Public Safety, Facilities & Transit*)
- Corporate Services (*Finance, Human Resources, Legislative Services, Information Technology*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Land Use Services (*Community & Regional Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

Prepared by:

Reviewed by:




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Joe Barry  
Corporate Secretary

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Not Applicable  
Not Applicable




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Sharon Moss, CPA, CGA  
A/General Manager

Reviewed for Form and Content and Approved for Submission to the Board:  
Chief Administrative Officer's Comments / Concurrence




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Brian Carruthers  
Chief Administrative Officer

**ATTACHMENTS:**  
N/A



**COWICHAN VALLEY REGIONAL DISTRICT  
BYLAW No. 4113**

**A Bylaw to Amend Malahat Fire Protection  
Service Establishment Bylaw No. 2414**

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**WHEREAS** the Board of the Cowichan Valley Regional District established the *Malahat Fire Protection Service Area* under the provisions of Bylaw No. 2414, cited as "CVRD Bylaw No. 2414 – Malahat Fire Protection Service Establishment Bylaw, 2003", as amended;

**AND WHEREAS** the Board of the Cowichan Valley Regional District wishes to extend the boundaries of the service area to include the following property:

- PID 029-941-997, Lot 5, Block 361, Malahat District, Plan EPP60055;

**AND WHEREAS** the Regional Board has received a sufficient petition to include the property within the fire protection service area;

**AND WHEREAS** the Directors for Electoral Area A – Mill Bay/Malahat and Electoral Area B – Shawnigan Lake have consented, in writing, to the adoption of this bylaw;

**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. 4113 – Malahat Fire Protection Service Amendment (PID 029-941-997), Bylaw, 2017**".

2. **AMENDMENT**

That Schedule A to CVRD Bylaw No. 2414 be deleted and replaced with the Schedule A attached to this bylaw.

READ A FIRST TIME this      10<sup>th</sup>      day of      May      ,      2017.

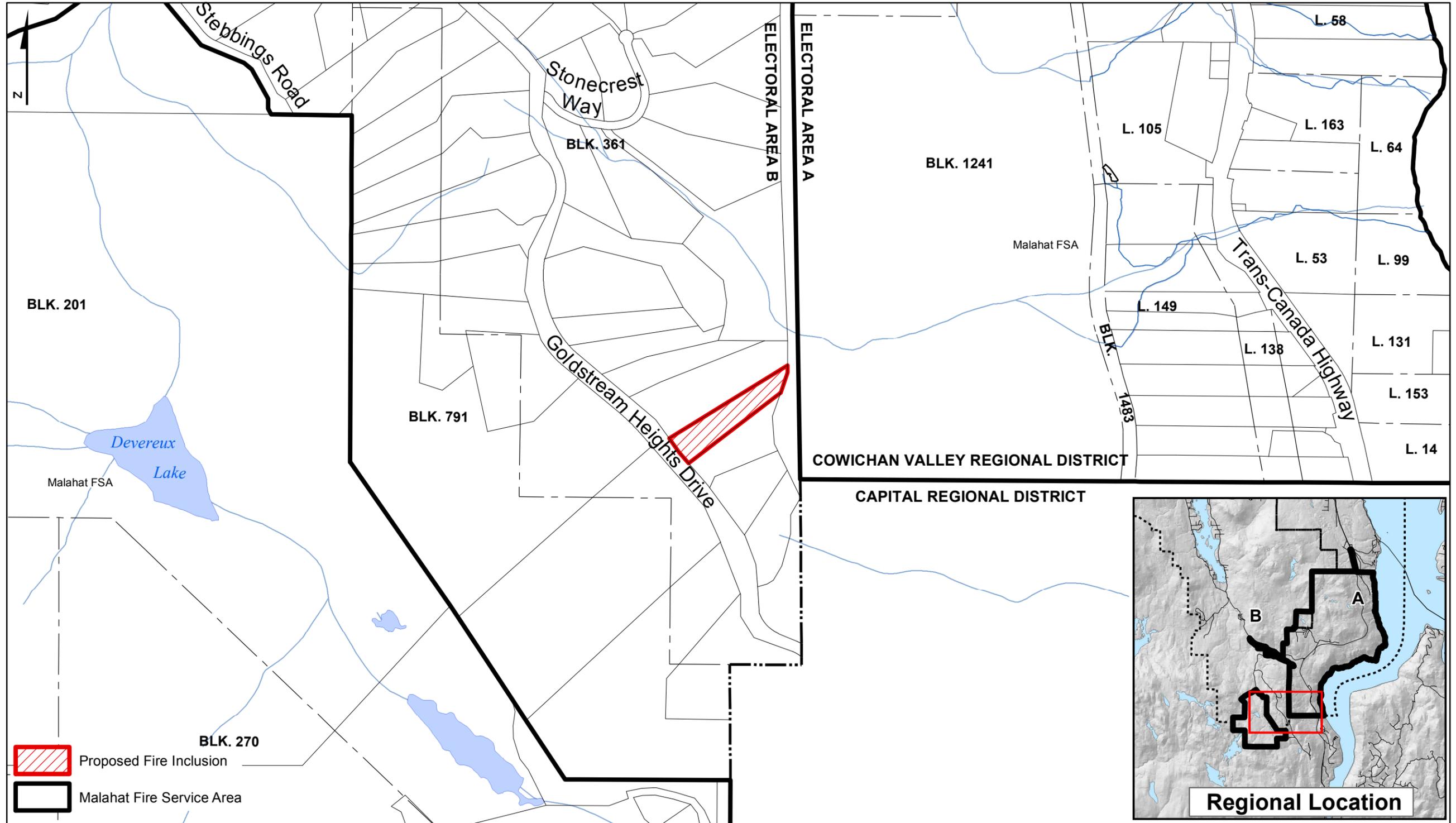
READ A SECOND TIME this      10<sup>th</sup>      day of      May      ,      2017.

READ A THIRD TIME this      10<sup>th</sup>      day of      May      ,      2017.

ADOPTED this      \_\_\_\_\_      day of      \_\_\_\_\_      ,      2017.

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Corporate Secretary



Schedule A to CVRD Bylaw No. 2414 – Malahat Fire Protection Service Establishment Bylaw, 2003. As Amended by Bylaw No. 4113.

Adopted \_\_\_\_\_, 2017



**COWICHAN VALLEY REGIONAL DISTRICT**

**BYLAW No. 4117**

**A Bylaw To Amend the 2017 – 2021 Five Year Financial Plan**

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**WHEREAS** the Board of the Cowichan Valley Regional District adopted the 2017 – 2021 five year financial plan pursuant to CVRD Bylaw No. 4073;

**AND WHEREAS** the Board of the Cowichan Valley Regional District wishes to amend the plan;

**NOW THEREFORE** the Board 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. 4117 - Five Year Financial Plan (2017 – 2021) Amendment Bylaw, 2017**".

2. **AMENDMENT**

That Bylaw No. 4088 be amended as follows:

- a) That Schedule A to Bylaw No. 4088 be deleted and replaced with the Schedule A attached to this Bylaw; and
- b) That Schedule B to Bylaw No. 4088 be deleted and replaced with the Schedule B attached to this Bylaw.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Corporate Secretary

## SCHEDULE "A"

**SUMMARY OF 5 YEAR FINANCIAL PLAN**

	<b><u>2017 - 2021</u></b>				
	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>
<b>SUMMARY OF REVENUE</b>					
Tax Requisition	\$36,041,665	\$38,119,568	\$39,403,986	\$38,520,990	\$38,845,624
Parcel Taxes	2,460,373	2,474,183	2,561,684	2,682,963	2,706,018
Fees & Charges	10,644,618	11,236,741	12,018,967	12,172,656	12,284,799
Other Revenue	20,350,640	14,592,466	11,277,058	11,153,496	11,362,336
Proceeds of Borrowing	8,528,319	2,040,000	2,641,571	2,479,809	2,499,548
	<u>\$78,025,615</u>	<u>\$68,462,959</u>	<u>\$67,903,267</u>	<u>\$67,009,914</u>	<u>\$67,698,324</u>
Transfers from (to)					
- Special Funds	6,402,130	(\$676,490)	(\$251,870)	(\$1,128,537)	(\$1,280,324)
- Surplus - Prior Year	5,034,116	-	-	66,000	-
Total Transfers	<u>\$11,436,246</u>	<u>(\$676,490)</u>	<u>(\$251,870)</u>	<u>(\$1,062,537)</u>	<u>(\$1,280,324)</u>
<b>TOTAL REVENUE</b>	<u><u>\$89,461,861</u></u>	<u><u>\$67,786,469</u></u>	<u><u>\$67,651,397</u></u>	<u><u>\$65,947,377</u></u>	<u><u>\$66,418,000</u></u>
<b>SUMMARY OF EXPENDITURES</b>					
Debt Principal & Interest					
Short Term	\$2,384,889	\$2,417,460	\$2,276,438	\$1,729,972	\$1,551,039
Long Term	5,339,754	5,129,630	5,617,635	5,581,175	5,540,417
Capital	25,881,133	9,960,604	5,115,494	2,272,057	2,486,831
Other Purposes	55,701,583	50,338,775	54,641,829	56,364,172	56,839,713
Deficit Prior Year	154,502	-	-	-	-
<b>TOTAL EXPENDITURE</b>	<u><u>\$89,461,861</u></u>	<u><u>\$67,846,469</u></u>	<u><u>\$67,651,397</u></u>	<u><u>\$65,947,377</u></u>	<u><u>\$66,418,000</u></u>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)**

(Year 2017)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)										Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Capital	Special Funds From Feasibility	Gas Tax	(To)	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Principal & Interest Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
100 General Government	2,046,561			229,100	-	2,275,661	20,000		20,000		-	661,442	100,000	781,442	3,057,103	-	-	35,000	3,027,103		3,057,103
101 Community Health Network				80,000		80,000	-		-		-	249,233		249,233	329,233				329,233		329,233
102 V. I. Regional Library	1,814,783					1,814,783	-		-		-			-	1,814,783				1,814,783		1,814,783
103 Homelessness				-		-			ISC - Events & Services - Restricted					-					-		-
105 H.R. / I.T. / M.I.A./G.I.S.				2,071,094		2,071,094	-		-		-	6,100	6,100	2,077,194				2,077,194		2,077,194	
106 Malahat Transit	206,705		257,000	9,250		472,955	-		-		-			472,955				472,955		472,955	
107 Transit	2,337,811		534,300	85,000		2,957,111	-		-		-			2,957,111				2,957,111		2,957,111	
109 911	995,282					995,282	(50,000)		-	(50,000)			(50,000)	945,282			84,876	860,406		945,282	
119 Grants-in-Aid	153,376					153,376	-		-		40,242	3,097	43,339	196,715				196,715		196,715	
121 Economic Development	388,000			50,000		438,000	-		-		143,135		143,135	581,135				581,135		581,135	
123 Regional Tourism	120,000					120,000	-		-			15,000	15,000	135,000				135,000		135,000	
130 Electoral Feasibility Studies				10,000		10,000	-		-		52,887		52,887	62,887				62,887		62,887	
131 Environmental Initiatives	578,121			941,333		1,519,454	16,000		-	16,000		50,000	80,168	1,599,622				1,599,622		1,599,622	
150 Municipalities - M.F.A. Debt				3,384,631		3,384,631	-		-					3,384,631		3,384,631		-		3,384,631	
199 Parks, Recreation, Culture & Facilities				402,704		402,704	7,300		7,300				7,300	410,004				410,004		410,004	
200 Administration Building				697,624		697,624	-		-		95,000		95,000	792,624	90,294	154,753	145,400	402,177		792,624	
205 Emergency Planning	777,908		27,701	10,000		815,609	-		-					815,609				815,609		815,609	
230 Community Parks	1,976,080		2,000	72,536	400,000	2,450,616	1,093,891	235,000		858,891		182,000	1,275,891	3,726,507	428,322		1,876,391	1,421,794		3,726,507	
250 Electoral Area Services	789,141					789,141	-		-			47,000	47,000	836,141				836,141		836,141	
279 Parks & Trails	709,720				50,000	759,720	40,000		40,000				40,000	799,720	23,886		50,000	725,834		799,720	
280 Regional Parks	1,110,195			1,398,851	450,000	2,959,046	300,000		300,000		65,000		365,000	3,324,046	97,578		2,379,851	846,617		3,324,046	
281 Bright Angel Park	62,500		4,500			67,000	-		-					67,000				67,000		67,000	
282 South Cowichan Community Parks	59,750					59,750	-		-					59,750				59,750		59,750	
283 Kinsol Trestle	102,000			180,000		282,000	(30,000)		(30,000)				(30,000)	252,000			230,000	22,000		252,000	
285 Regional Parkland Acquisition	853,115			400,000	3,550,000	4,803,115	389,873	500,000		(110,127)		1,250,244	1,640,117	6,443,232	742,988		5,700,244	-		6,443,232	
310 Animal Control	55,151			69,064		124,215	-		-					124,215				124,215		124,215	
320 Enforcement & Inspection	491,788			645,500	50,000	1,187,288	30,000	30,000				140,000	170,000	1,357,288	10,511		80,000	1,266,777		1,357,288	
325 Community Planning	2,004,500			247,300	135,000	2,386,800	(3,590)		(3,590)	3,808			218	2,387,018	28,410		135,000	2,223,608		2,387,018	
350 North Oyster Fire Protection	414,010		94,633			508,643	1,322,255	1,025,000	348,500	(51,245)	300,000		1,622,255	2,130,898			1,856,520	274,378		2,130,898	
351 Mesachie Lake Fire Protection	47,382			6,000		53,382	(1,300)		(1,300)				(1,300)	52,082				52,082		52,082	
352 Lake Cowichan Fire Protection	247,711					247,711	-		-					247,711				247,711		247,711	
4 Sahtlam Fire Protection	161,050					161,050	-		-					161,050				161,050		161,050	
4 Malahat Fire Protection	246,777		1,935			248,712	(15,940)		(15,940)				(15,940)	232,772	38,990	16,678	8,000	169,104		232,772	
356 Eagle Heights Fire Protection	189,312		52,621			241,933	(20,000)		(20,000)				(20,000)	221,933		21,582		196,357	3,994	221,933	
357 Honeymoon Bay Fire Protection	196,743					196,743	(5,706)		(5,706)				(5,706)	191,037				191,037		191,037	
358 Youbou Fire Protection	188,469					188,469	15,000	15,000					15,000	203,469		26,398	15,000	162,071		203,469	
400 Arts and Culture	185,992					185,992	405,291	405,291					405,291	591,283			405,291	185,992		591,283	
405 Cowichan Lake Recreation	130,000					130,000	-		-					130,000				\$130,000		130,000	
411 Kerry Park Recreation	2,417,714		440,832	10,562	250,000	3,119,108	-		-		30,000	23,000	53,000	3,172,108	96,254	477,957	250,000	2,347,897		3,172,108	
417 Kerry Park Aquatic Service	2,750,941		805,542	65,907	105,000	3,727,390	840,250	675,250	165,000		24,500		864,750	4,592,140	410,434	92,212	969,750	3,119,744		4,592,140	
420 Island Savings Centre	100,000					100,000	-		-					100,000				100,000		100,000	
429 Island Savings Centre Theatre Loan	4,342,853		1,726,943	692,920		6,762,716	(468,000)		(468,000)		19,656		(448,344)	6,314,372	104,057	135,606	428,163	5,646,546		6,314,372	
435 Theatre Grant - Area A	31,161					31,161	-		-					31,161				-		31,161	
436 Theatre Grant - Area B	40,197					40,197	-		-					40,197				40,197		40,197	
437 Theatre Grant - Area C	65,180					65,180	-		-					65,180				65,180		65,180	
438 Theatre Grant N. Cowichan	75,920					75,920	-		-					75,920				75,920		75,920	
439 Theatre Grant - Ladysmith	131,401					131,401	-		-					131,401				131,401		131,401	
440 COWICHAN SPORTSPLEX - AREA A	49,822					49,822	-		-					49,822				49,822		49,822	
442 COWICHAN SPORTSPLEX - AREA C	13,989					13,989	-		-					13,989				13,989		13,989	
443 COWICHAN SPORTSPLEX - AREA D	13,365					13,365	-		-					13,365				13,365		13,365	
444 COWICHAN SPORTSPLEX - AREA E	8,474					8,474	-		-					8,474				8,474		8,474	
450 Recreation Mill Bay	9,935					9,935	-		-					9,935				9,935		9,935	
451 Recreation Glenora	10,000					10,000	-		-					10,000				10,000		10,000	
456 Recreation Saltair	8,454					8,454	-		-					8,454				8,454		8,454	
457 Victim Services West	45,790					45,790	25,000		25,000		7,000		32,000	77,790	36,377			41,413		77,790	
458 Cowichan Lake Activity Centre	12,500					12,500	-		-		17		17	12,517				12,517		12,517	
459 Victim Services	55,080					55,080	-		-		335		335	55,415				55,415		55,415	
460 Recreation N. Oyster	80,000					80,000	-		-		230		230	80,230				80,230		80,230	
461 Cowichan Aquatic Centre - Area E	90,805					90,805	-		-					90,805				90,805		90,805	
463 Cowichan Wooden Boat Society	23,837					23,837	-		-					23,837				23,837		23,837	
464 Shawnigan Lake Community Centre	13,553					13,553	-		-					13,553				13,553		13,553	
465 Cobble Hill Historical Society	734,720		511,986	21,250		1,267,956	430,000	80,000	350,000		11,500		441,500	1,709,456	65,202		455,000	1,189,254		1,709,456	
466 Cobble Hill Hall	15,000					15,000	-		-					15,000				15,000		15,000	
467 Shawnigan Lake Historical Society	22,500					22,500	25,000		25,000				25,000	47,500				47,500		47,500	
469 Cowichan Station Area Association Area	18,100					18,100	-		-		15		15	18,115				18,115		18,115	
470 Frank Jameson Centre	21,52																				



Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2017)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)						Expenditures										
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Capital	Special Funds From Feasibility	Gas Tax	(To)	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest		Capital	Other Purposes	Deficit prior year	Total Expenditures	
801 Brulett Sewer System		24,780	28,800	-	10,000	63,580	15,000			15,000				15,000	78,580	5,643	1,975	25,000	45,962		78,580	
802 Sentinel Ridge Sewer		52,500	63,000	62,453		177,953	-	-						-	177,953			62,453	115,500		177,953	
803 Twin Cedars Sewer		51,246	33,400	624		85,270	30,000	30,000						30,000	115,270			30,000	83,889	1,381	115,270	
804 Lambourn Sewer		31,200	78,500	10,852	25,000	145,552	-	-						-	145,552	320	10,632	35,852	98,748		145,552	
805 Arbutus Mountain Sewer		98,154	56,390	-		154,544	-	-						-	154,544			-	141,806	12,738	154,544	
809 Cobble Hill Sewer		32,928	23,500	-	25,000	81,428	-	-						-	81,428	5,000	3,115	25,000	48,313		81,428	
810 Mesachie Lake Sewer		19,110	13,700	1,226,567	200,000	1,459,377	240,000	40,000	200,000				10,955	250,955	1,710,332			1,684,896	25,436		1,710,332	
811 Bald Mountain Sewer System		52,000	21,280	-		73,280	-	-						-	73,280				73,280		73,280	
813 Mill Springs Sewer System		109,600	69,200	-		178,800	-	-						-	178,800				178,800		178,800	
815 Arbutus Ridge Sewer System			267,852	-	100,000	367,852	250,000	75,000	175,000					250,000	617,852	2,000	8,261	375,000	232,591		617,852	
820 Eagle Heights Sewer			236,100	121,500	-	357,600	14,453	120,000		(105,547)				14,453	372,053			50,000	311,412	10,641	372,053	
830 Maple Hills Sewer		27,000	16,700	-		43,700	-	-						-	43,700			-	43,700		43,700	
840 Shawnigan Lake Sewer		148,400	152,194	364	45,000	345,958	150,000	-	150,000					150,000	495,958	11,069	32,597	150,000	252,063	50,229	495,958	
850 Kerry Village Sewer		27,160	73,925	3,598	-	104,683	-	-						-	104,683	2,214	6,287	-	84,679	11,503	104,683	
860 Youbou Sewer System		39,000	14,815	-		53,815	(2,000)			(2,000)				(2,000)	51,815	7,884			43,931		51,815	
6zz Elkington Water System		-	-	-		-	-							-	-				-		-	
8xx Elkington Forest Sewer System		-	-	-		-	-							-	-				-		-	
<b>TOTALS</b>	<b>36,041,665</b>	<b>2,460,373</b>	<b>10,644,618</b>	<b>20,350,640</b>	<b>8,528,319</b>	<b>78,025,615</b>	<b>6,402,130</b>	<b>3,807,884</b>	<b>27,300</b>	<b>3,774,239</b>	<b>(1,207,293)</b>	<b>2,838,220</b>	<b>2,195,896</b>	<b>11,436,246</b>	<b>89,461,861</b>	<b>-</b>	<b>2,384,889</b>	<b>5,339,754</b>	<b>25,881,133</b>	<b>55,701,583</b>	<b>154,502</b>	<b>89,461,861</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)**

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year
General Government	2,325,500			230,000		2,555,500			-	-	2,555,500		35,000	2,520,500		2,555,500
Community Health Network				146,985		146,985				-	146,985			146,985		146,985
V. I. Regional Library	1,851,079					1,851,079				-	1,851,079			1,851,079		1,851,079
Homelessness						-				-	-			-		-
H.R. / I.T. / M.I.A./G.I.S.				2,099,000		2,099,000				-	2,099,000		20,000	2,079,000		2,099,000
Malahat Transit	303,006		298,677	10,000		611,683		-		-	611,683			611,683		611,683
Transit	2,354,650		601,168	95,000		3,050,818				-	3,050,818			3,050,818		3,050,818
911	1,010,211					1,010,211		(50,000)		(50,000)	960,211		110,914	849,297		960,211
Grants-in-Aid	156,293					156,293					156,293			156,293		156,293
Economic Development	541,758					541,758				-	541,758			541,758		541,758
Regional Tourism	120,000					120,000				-	120,000			120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000				-	30,000			30,000		30,000
Environmental Initiatives	590,000			310,000		900,000				-	900,000			900,000		900,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054				-	3,282,054		3,282,054			3,282,054
Parks, Recreation, Culture & Facilities				414,796		414,796				-	414,796			414,796		414,796
Administration Building				713,425		713,425				-	713,425	90,294	154,753	468,378		713,425
Emergency Planning	786,439		28,004	140,717		955,160				-	955,160			955,160		955,160
Community Parks	1,914,639		3,000			1,917,639	25,000			25,000	1,942,639	506,265	175,349	1,261,025		1,942,639
Electoral Area Services	804,924					804,924				-	804,924			804,924		804,924
Parks & Trails	751,726					751,726				-	751,726	21,005		730,721		751,726
Regional Parks	1,050,000					1,050,000				-	1,050,000	95,659	129,341	825,000		1,050,000
Bright Angel Park	62,500		5,000			67,500				-	67,500			67,500		67,500
South Cowichan Community Parks	62,000					62,000				-	62,000			62,000		62,000
Kinsol Trestle	105,000					105,000				-	105,000			105,000		105,000
Regional Parkland Acquisition	865,000					865,000	(122,012)			(122,012)	742,988	742,988				742,988
Trail Control	45,116			71,893		117,009				-	117,009			117,009		117,009
Development & Inspection	511,264			650,000		1,161,264				-	1,161,264		25,000	1,136,264		1,161,264
Community Planning	2,071,000			150,000		2,221,000				-	2,221,000	21,000		2,200,000		2,221,000
North Oyster Fire Protection	529,648		94,633			624,281				-	624,281		550,000	74,281		624,281
Mesachie Lake Fire Protection	47,382			6,000		53,382	(1,300)			(1,300)	52,082			52,082		52,082
Lake Cowichan Fire Protection	252,665					252,665				-	252,665			252,665		252,665
Saltair Fire Protection	164,352					164,352				-	164,352			164,352		164,352
Sahlam Fire Protection	246,777		1,935			248,712				-	248,712	38,990	16,678	153,044		248,712
Malahat Fire Protection	190,614		52,621			243,235				-	243,235		40,000	181,653		243,235
Eagle Heights Fire Protection	200,678					200,678				-	200,678		40,000	160,678		200,678
Honeymoon Bay Fire Protection	187,000					187,000	100,000			100,000	287,000			187,000		287,000
Youbou Fire Protection	205,532					205,532	100,000			100,000	305,532		100,000	205,532		305,532
Arts and Culture	130,000					130,000				-	130,000			130,000		130,000
Cowichan Lake Recreation	2,455,396		460,114	450,000		3,365,510	(50,000)			(50,000)	3,315,510	92,589	477,957	2,294,964		3,315,510
Kerry Park Recreation	2,886,345		810,000	1,067,350		4,763,695	150,000			150,000	4,913,695	410,433	92,212	1,800,000	2,611,050	4,913,695
Kerry Park Aquatic Service	100,000					100,000				-	100,000			100,000		100,000
Island Savings Centre	5,418,483		1,787,034	469,682		7,675,199	(468,000)			(468,000)	7,207,199		135,606	1,240,000	5,831,593	7,207,199
Island Savings Centre Theatre Loan										-						
Theatre Grant - Area A	41,001					41,001				-	41,001			41,001		41,001
Theatre Grant - Area B	66,484					66,484				-	66,484			66,484		66,484
Theatre Grant - Area C	77,438					77,438				-	77,438			77,438		77,438
Theatre Grant N. Cowichan	134,029					134,029				-	134,029			134,029		134,029
Theatre Grant - Ladysmith	50,818					50,818				-	50,818			50,818		50,818
COWICHAN SPORTSPLEX - AREA A	13,989					13,989				-	13,989			13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365				-	13,365			13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474				-	8,474			8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935				-	9,935			9,935		9,935
Recreation Mill Bay	10,000					10,000				-	10,000			10,000		10,000
Recreation Glenora	8,454					8,454				-	8,454			8,454		8,454
Recreation Saltair	45,790					45,790				-	45,790	36,272		9,518		45,790
Victim Services West	12,500					12,500				-	12,500			12,500		12,500
Cowichan Lake Activity Centre	55,105					55,105				-	55,105			55,105		55,105
Victim Services	80,000					80,000				-	80,000			80,000		80,000
Recreation N. Oyster	92,621					92,621				-	92,621			92,621		92,621

**B2**

Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures						
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Aquatic Centre - Area E	24,314					24,314				-	24,314				24,314		24,314
Cowichan Wooden Boat Society	13,600					13,600				-	13,600				13,600		13,600
Shawnigan Lake Community Centre	707,200		518,175	105,000		1,330,375				-	1,330,375		135,000	1,195,375		1,330,375	
Cobble Hill Historical Society	15,000					15,000				-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000				-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015				-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524				-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000				-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506				-	17,506				17,506		17,506
Kaatza Society	30,000					30,000				-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000				-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000				-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	4,816					4,816				-	4,816				4,816		4,816
COWICHAN AQUATIC CENTRE - AREA I	4,816					4,816				-	4,816				4,816		4,816
Shawnigan Basin Society	50,000					50,000				-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200				-	200				200		200
Thetis Island Wharf		9,000				9,000				-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000				-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800				-	800				800		800
Safer Futures	27,575					27,575				-	27,575				27,575		27,575
Social Planning	50,983					50,983				-	50,983				50,983		50,983
South Cowichan Community Policing	60,019					60,019				-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375				-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000				-	61,000				61,000		61,000
Engineering Services - Administration				290,000		290,000				-	290,000		50,000	240,000		290,000	
Engineering Services - Utilities				2,354,060		2,354,060				-	2,354,060	40,976	60,000	2,313,084		2,414,060	
Island Solid Waste & Recycling		22,213				22,213				-	22,213				22,213		22,213
Curbside Collection			1,097,327	487,500		1,584,827	(120,000)			(120,000)	1,464,827		144,820	1,320,007		1,464,827	
Solid Waste Complex	4,206,210		2,841,398	1,025,855	550,000	8,623,463	(140,591)			(140,591)	8,482,872	267,541	455,724	550,000	7,209,607	8,482,872	
Cowichan Flood Management	150,000					150,000				-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000				-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900				-	95,900				95,900		95,900
Liquid Waste Plan South Sector	125,000					125,000				-	125,000				125,000		125,000
Street Lighting - Mesachie	6,050					6,050				-	6,050				6,050		6,050
Street Lighting - Youbou		31,000				31,000				-	31,000				31,000		31,000
Street Lighting - Brentwood			235	50		285				-	285				285		285
Street Lighting - Cowichan Bay	4,850					4,850				-	4,850				4,850		4,850
Street Lighting - Honeymoon Bay	24,200					24,200				-	24,200				24,200		24,200
Street Lighting - Mill Bay			2,225	100		2,325				-	2,325				2,325		2,325
Street Lighting - Cobble Hill		2,499				2,499				-	2,499				2,499		2,499
Critical Street Lighting A	2,500					2,500				-	2,500				2,500		2,500
Critical Street Lighting B	1,250					1,250				-	1,250				1,250		1,250
Critical Street Lighting C	3,100					3,100				-	3,100				3,100		3,100
Critical Street Lighting D	900					900				-	900				900		900
Critical Street Lighting E	4,800					4,800				-	4,800				4,800		4,800
Critical Street Lighting I	1,255					1,255				-	1,255				1,255		1,255
Asset Management										-							
Street Lighting - Wilmot Road	4,000					4,000				-	4,000				4,000		4,000
Street Lighting - Sentinel Ridge	2,880					2,880				-	2,880				2,880		2,880
Street Lighting - Twin Cedars	4,100					4,100				-	4,100				4,100		4,100
Street Lighting - Arbutus Mountain	4,100					4,100				-	4,100				4,100		4,100
Mill Springs Street Lighting	13,000					13,000				-	13,000				13,000		13,000
Satellite Park Water		48,400	35,000	-		83,400				-	83,400		11,981	10,000	61,419		83,400
Douglas Hill Water		51,200	51,000			102,200				-	102,200		11,337		90,863		102,200
Lambourn Water		41,144	93,880	-		135,024				-	135,024		7,088		127,936		135,024
Arbutus Mountain Water		32,000	31,000			63,000				-	63,000				63,000		63,000
Fern Ridge Water		19,600	15,000			34,600				-	34,600		1,735		32,865		34,600
Bald Mountain Water System		52,520	25,000			77,520	(8,000)			(8,000)	69,520				69,520		69,520
Dogwood Ridge Water System		23,100	21,500			44,600				-	44,600		5,312		39,288		44,600

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Cowichan Valley Regional District  
Five Year Financial Plan (2017-2021)

(Year 2018)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					SCHEDULE "B"					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	From Ops Reserve	Total Transfers	Total Revenue	Expenditures			Total Expenditures	
											Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	
Arbutus Ridge Water System			275,927			275,927	50,000			50,000		6,608	50,000	269,319		325,927
Carlton Water System		29,000	15,500			44,500				-		5,665		38,835		44,500
Shellwood Water System		24,500	12,000			36,500				-		5,216		31,284		36,500
Woodley Range Water System		31,444	-			31,444				-		644		30,800		31,444
Burnum Water System		45,370	41,700			87,070	(5,000)			(5,000)		22,526		59,544		82,070
Mesachie Lake Water		30,300	20,000	-		50,300				-			-	50,300		50,300
Saltair Water		490,000	287,528			777,528				-			300,000	477,528		777,528
Central Youbou Water Debt		36,850				36,850				-		36,850		-		36,850
Youbou Water		159,354	85,000	-		244,354	(10,000)			(10,000)	32,854	8,506		192,994		234,354
Honeymoon Bay Water		62,212	62,930	-		125,142	(5,000)			(5,000)				120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				-		2,623		-		2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				-				25,744		25,744
Cherry Point Water		23,000	14,000	-		37,000	10,000			10,000			10,000	37,000		47,000
Shawnigan Lake North Water		208,800	193,135			401,935				-		100,000		301,935		401,935
Shawnigan Weir				1,000		1,000				-				1,000		1,000
Kerry Village Water		20,000	44,000			64,000				-				64,000		64,000
Wilmot Road Drainage	7,000					7,000				-				7,000		7,000
Sentinel Ridge Drainage	5,000					5,000				-				5,000		5,000
Shawnigan Lake East Drainage	2,050					2,050				-				2,050		2,050
Arbutus Mountain Drainage	4,400					4,400				-				4,400		4,400
Lanes Road Drainage	3,800					3,800				-				3,800		3,800
Bald Mountain Drainage System	4,500					4,500				-				4,500		4,500
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				-				20,000		20,000
Shawnigan Creek Cleanout System	13,000					13,000				-				13,000		13,000
Chan Bay Sewer		231,880	270,000	-	1,490,000	1,991,880	(104,587)			(104,587)		32,546	1,520,000	334,747		1,887,293
ott Sewer System		24,780	28,800			53,580				-		1,976		51,604		53,580
Sentinel Ridge Sewer		52,950	63,000	-		115,950				-				115,950		115,950
Twin Cedars Sewer		52,000	34,000	-		86,000	(1,000)			(1,000)				85,000		85,000
Lambourn Sewer		31,200	84,459			115,659				-		10,632		105,027		115,659
Arbutus Mountain Sewer		95,000	53,765	-		148,765				-				148,765		148,765
Cobble Hill Sewer		35,000	22,000			57,000				-		3,115		53,885		57,000
Mesachie Lake Sewer		20,000	15,000			35,000				-				35,000		35,000
Bald Mountain Sewer System		52,000	22,000	-		74,000	(10,000)			(10,000)				64,000		64,000
Mill Springs Sewer System		109,600	80,000			189,600	(5,000)			(5,000)				184,600		184,600
Arbutus Ridge Sewer System			304,471	-	-	304,471				-		35,000	2,450,000	(2,180,529)		304,471
Eagle Heights Sewer			-	-		-				-				-		-
Maple Hills Sewer		27,000	17,000			44,000				-				44,000		44,000
Shawnigan Lake Sewer		148,400	160,000	1,000	-	309,400	(5,000)			(5,000)	10,503	32,597	10,000	251,300		304,400
Kerry Village Sewer		27,500	75,000			102,500	(4,000)			(4,000)	2,207	6,287		90,006		98,500
Youbou Sewer System		44,000	16,000			60,000	(2,000)			(2,000)	7,884			50,116		58,000
Elkington Water System		-	30,000			30,000				-				30,000		30,000
Elkington Forest Sewer System		-	35,600			35,600				-				35,600		35,600
<b>TOTALS</b>	<b>38,119,568</b>	<b>2,474,183</b>	<b>11,236,741</b>	<b>14,592,466</b>	<b>2,040,000</b>	<b>68,462,959</b>	<b>(676,490)</b>			<b>(616,490)</b>	<b>67,846,469</b>	<b>2,417,460</b>	<b>5,129,630</b>	<b>9,960,604</b>	<b>50,338,775</b>	<b>67,846,469</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,375,500			230,000		2,605,500			-	2,605,500			35,000	2,570,500		2,605,500
Community Health Network				3,432		3,432			-	3,432				3,432		3,432
V. I. Regional Library	1,888,100					1,888,100			-	1,888,100				1,888,100		1,888,100
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,121,000		2,121,000			-	2,121,000			-	2,121,000		2,121,000
Malahat Transit	378,209		353,125	11,750		743,084			-	743,084				743,084		743,084
Transit	2,917,241		627,942	105,000		3,650,183			-	3,650,183		201,920		3,448,263		3,650,183
911	1,025,364					1,025,364	(50,000)		(50,000)	975,364			87,740	887,624		975,364
Grants-in-Aid	156,293					156,293			-	156,293				156,293		156,293
Economic Development	552,593					552,593			-	552,593				552,593		552,593
Regional Tourism	120,000					120,000			-	120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000			-	30,000				30,000		30,000
Environmental Initiatives	600,000			313,000		913,000			-	913,000				913,000		913,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054			-	3,282,054				-		3,282,054
Parks, Recreation, Culture & Facilities				427,910		427,910			-	427,910				427,910		427,910
Administration Building				656,499		656,499			-	656,499		154,753		501,746		656,499
Emergency Planning	802,168		28,565	143,532		974,265			-	974,265				974,265		974,265
Community Parks	1,919,639		3,000			1,922,639	25,000		25,000	1,947,639	442,368		230,913	1,274,358		1,947,639
Electoral Area Services	821,022					821,022			-	821,022				821,022		821,022
Parks & Trails	766,340					766,340			-	766,340	21,005			745,335		766,340
Regional Parks	1,050,000					1,050,000			-	1,050,000			1,124,341	(74,341)		1,050,000
Bright Angel Park	65,500		5,000			70,500			-	70,500				70,500		70,500
South Cowichan Community Parks	62,000					62,000			-	62,000				62,000		62,000
47 ol Trestle	105,000					105,000			-	105,000				105,000		105,000
47 onal Parkland Acquisition	865,000					865,000	750,000		750,000	1,615,000	742,988			872,012		1,615,000
47 nicipal Control	44,930			74,419		119,349			-	119,349				119,349		119,349
Enforcement & Inspection	534,279			650,000		1,184,279			-	1,184,279				1,184,279		1,184,279
Community Planning	2,111,000			160,000		2,271,000			-	2,271,000				2,271,000		2,271,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)		(150,000)	474,281	119,900			354,381		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)		(1,300)	54,700				54,700		54,700
Lake Cowichan Fire Protection	257,719					257,719			-	257,719				257,719		257,719
Saltair Fire Protection	167,639					167,639			-	167,639				167,639		167,639
Sahtlam Fire Protection	246,777			1,935		248,712	(8,845)		(8,845)	239,867	38,990	16,678	15,000	169,199		239,867
Malahat Fire Protection	190,614		52,621			243,235	(20,000)		(20,000)	223,235		21,582		201,653		223,235
Eagle Heights Fire Protection	204,691					204,691			-	204,691				204,691		204,691
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)		(40,000)	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(40,000)		(40,000)	165,532			6,000	159,532		165,532
Arts and Culture	130,000					130,000			-	130,000				130,000		130,000
Cowichan Lake Recreation	2,502,273		460,114	95,000		3,057,387	(50,000)		(50,000)	3,007,387	92,589	477,957	95,000	2,341,841		3,007,387
Kerry Park Recreation	2,916,825		815,000	65,000		3,796,825			-	3,796,825	460,433	92,212	215,000	3,029,180		3,796,825
Kerry Park Aquatic Service	100,000					100,000			-	100,000				100,000		100,000
Island Savings Centre	5,843,526		1,817,985	469,682		8,131,193	(468,000)		(468,000)	7,663,193		135,606	1,581,500	5,946,087		7,663,193
Island Savings Centre Theatre Loan						-			-	-				-		-
Theatre Grant - Area A	41,821					41,821			-	41,821				41,821		41,821
Theatre Grant - Area B	67,813					67,813			-	67,813				67,813		67,813
Theatre Grant - Area C	78,987					78,987			-	78,987				78,987		78,987
Theatre Grant N. Cowichan	136,710					136,710			-	136,710				136,710		136,710
Theatre Grant - Ladysmith	51,835					51,835			-	51,835				51,835		51,835
COWICHAN SPORTSPLEX - AREA A	13,989					13,989			-	13,989				13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365			-	13,365				13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474			-	8,474				8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935			-	9,935				9,935		9,935
Recreation Mill Bay	10,000					10,000			-	10,000				10,000		10,000
Recreation Glenora	8,454					8,454			-	8,454				8,454		8,454
Recreation Saltair	46,000					46,000			-	46,000				46,000		46,000
Victim Services West	12,500					12,500			-	12,500				12,500		12,500

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)			Expenditures						
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	94,474					94,474			-	94,474				94,474		94,474
Cowichan Aquatic Centre - Area E	24,800					24,800			-	24,800				24,800		24,800
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	710,500		525,000	25,000		1,260,500			-	1,260,500		270,000		990,500		1,260,500
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	4,913					4,913			-	4,913				4,913		4,913
COWICHAN AQUATIC CENTRE - AREA I	4,913					4,913			-	4,913				4,913		4,913
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
Regional Planning	50,983					50,983			-	50,983				50,983		50,983
North Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000			-	61,000				61,000		61,000
Engineering Services - Administration				250,000		250,000			-	250,000				250,000		250,000
Engineering Services - Utilities				-	2,403,571	2,403,571			-	2,403,571	39,383	50,000	2,314,188		2,403,571	
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,195,000	487,500		1,682,500	(120,000)	(120,000)	-	1,562,500		144,820	1,417,680		1,562,500	
Solid Waste Complex	4,206,210		2,841,398	1,042,696		8,090,304	(40,591)	(40,591)	-	8,049,713	267,541	328,373	7,453,799		8,049,713	
Cowichan Flood Management	150,000					150,000			-	150,000			150,000		150,000	
South Cowichan Water Study Plan	75,000					75,000			-	75,000			75,000		75,000	
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900			95,900		95,900	
Liquid Waste Plan South Sector	-					-			-	-			-		-	
Street Lighting - Mesachie	6,050					6,050			-	6,050			6,050		6,050	
Street Lighting - Youbou		31,000				31,000			-	31,000			31,000		31,000	
Street Lighting - Brentwood			240	50		290			-	290			290		290	
Street Lighting - Cowichan Bay	4,850					4,850			-	4,850			4,850		4,850	
Street Lighting - Honeymoon Bay	24,300					24,300			-	24,300			24,300		24,300	
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350			2,350		2,350	
Street Lighting - Cobble Hill		2,499				2,499			-	2,499			2,499		2,499	
Critical Street Lighting A	2,500					2,500			-	2,500			2,500		2,500	
Critical Street Lighting B	1,250					1,250			-	1,250			1,250		1,250	
Critical Street Lighting C	3,100					3,100			-	3,100			3,100		3,100	
Critical Street Lighting D	950					950			-	950			950		950	
Critical Street Lighting E	4,900					4,900			-	4,900			4,900		4,900	
Critical Street Lighting I	1,260					1,260			-	1,260			1,260		1,260	
Asset Management																
Street Lighting - Wilmot Road	4,100					4,100			-	4,100			4,100		4	
Street Lighting - Sentinel Ridge	2,910					2,910			-	2,910			2,910		2	
Street Lighting - Twin Cedars	4,100					4,100			-	4,100			4,100		4	
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200			4,200		4	
Mill Springs Street Lighting	13,000					13,000			-	13,000			13,000		13	

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**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2019)

SCHEDULE "B"

FUNCTION:	Funding Sources					Transfer from/(to)					Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Satellite Park Water		48,400	35,000			83,400			-	83,400		11,981		71,419		83,400
Douglas Hill Water		51,200	51,000			102,200	-		-	102,200		11,337	-	90,863		102,200
Lambourn Water		41,200	94,000	-		135,200	-		-	135,200	-	7,088	-	128,112		135,200
Arbutus Mountain Water		35,000	31,000	50,000		116,000	-		-	116,000			160,000	(44,000)		116,000
Fern Ridge Water		19,600	16,000			35,600	-		-	35,600		1,735		33,865		35,600
Bald Mountain Water System		52,520	25,000	-		77,520	(8,000)		(8,000)	69,520			-	69,520		69,520
Dogwood Ridge Water System		23,100	21,500	-		44,600	-		-	44,600		5,312	-	39,288		44,600
Arbutus Ridge Water System			284,205			284,205	(5,000)		(5,000)	279,205		6,608	-	272,597		279,205
Carlton Water System		29,000	16,000			45,000	-		-	45,000		5,665		39,335		45,000
Shellwood Water System		24,500	12,000			36,500	-		-	36,500		5,216		31,284		36,500
Woodley Range Water System		29,444	-			29,444	-		-	29,444		644		28,800		29,444
Burnum Water System		46,570	42,000			88,570	(5,000)		(5,000)	83,570		22,526		61,044		83,570
Mesachie Lake Water		31,000	20,000	-		51,000	(3,000)		(3,000)	48,000			-	48,000		48,000
Saltair Water		490,000	287,935			777,935	-		-	777,935			300,000	477,935		777,935
Central Youbou Water Debt		36,850				36,850			-	36,850		36,850		-		36,850
Youbou Water		159,354	85,000	-		244,354	(10,000)		(10,000)	234,354	32,854	8,506	-	192,994		234,354
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142	-	-		120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623	-		-	2,623		2,623		-		2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744	-		-	25,744				25,744		25,744
Cherry Point Water		23,000	14,000			37,000	-		-	37,000				37,000		37,000
Shawnigan Lake North Water		281,025	289,110	-	-	570,135	-		-	570,135		257,000	-	313,135		570,135
Shawnigan Weir				1,000		1,000	-		-	1,000				1,000		1,000
Kerry Village Water		20,000	44,000			64,000	-		-	64,000				64,000		64,000
Lot Road Drainage	7,000					7,000	-		-	7,000				7,000		7,000
Sentinel Ridge Drainage	5,000					5,000	-		-	5,000				5,000		5,000
Shawnigan Lake East Drainage	2,100					2,100	-		-	2,100				2,100		2,100
Arbutus Mountain Drainage	4,400					4,400	-		-	4,400				4,400		4,400
Lanes Road Drainage	3,800					3,800	-		-	3,800				3,800		3,800
Bald Mountain Drainage System	4,500					4,500	-		-	4,500				4,500		4,500
Cobble Hill Drainage System	-					-	-		-	-				-		-
Arbutus Ridge Drainage System	20,000					20,000	-		-	20,000				20,000		20,000
Shawnigan Creek Cleanout System	13,000					13,000	-		-	13,000				13,000		13,000
Cowichan Bay Sewer		231,880	300,000			531,880	(4,587)		(4,587)	527,293		132,729	70,000	324,564		527,293
Brulett Sewer System		30,000	32,000			62,000	-		-	62,000		15,000		47,000		62,000
Sentinel Ridge Sewer		52,950	63,000	-		115,950	-		-	115,950			60,000	55,950		115,950
Twin Cedars Sewer		52,000	34,500			86,500	(1,000)		(1,000)	85,500		10,632	-	74,868		85,500
Lambourn Sewer		31,200	85,459			116,659	-		-	116,659		10,632		106,027		116,659
Arbutus Mountain Sewer		95,000	55,000			150,000	20,000		20,000	170,000			20,000	150,000		170,000
Cobble Hill Sewer		35,000	24,000			59,000	(3,000)		(3,000)	56,000		2,880		53,120		56,000
Mesachie Lake Sewer		20,000	15,000	462,000	238,000	735,000	-		-	735,000		1,821	745,000	(11,821)		735,000
Bald Mountain Sewer System		52,000	22,000	-		74,000	(8,000)		(8,000)	66,000			-	66,000		66,000
Mill Springs Sewer System		109,600	85,000			194,600	(8,000)		(8,000)	186,600			-	186,600		186,600
Arbutus Ridge Sewer System			446,355	-	-	446,355	-		-	446,355		166,884	-	279,471		446,355
Eagle Heights Sewer			236,100	121,500		357,600	14,453		14,453	372,053			50,000	322,053		372,053
Maple Hills Sewer		27,000	18,000			45,000	-		-	45,000			-	45,000		45,000
Shawnigan Lake Sewer		155,000	160,000			315,000	(5,000)		(5,000)	310,000	10,503	31,725		267,772		310,000
Kerry Village Sewer		28,000	80,000			108,000	(5,000)		(5,000)	103,000		6,287		96,713		103,000
Youbou Sewer System		44,000	16,000			60,000	(2,000)		(2,000)	58,000	7,884			50,116		58,000
Elkington Water System		-	35,000			35,000				35,000				35,000		35,000
Elkington Forest Sewer System		-	59,000			59,000				59,000				59,000		59,000
<b>TOTALS</b>	<b>39,403,986</b>	<b>2,561,684</b>	<b>12,018,967</b>	<b>11,277,058</b>	<b>2,641,571</b>	<b>67,903,267</b>	<b>(251,870)</b>	<b>-</b>	<b>(251,870)</b>	<b>67,651,397</b>	<b>2,276,438</b>	<b>5,617,635</b>	<b>5,115,494</b>	<b>54,641,829</b>	<b>-</b>	<b>67,651</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2020)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,406,500			230,000		2,636,500			-	2,636,500			35,000	2,601,500		2,636,500
Community Health Network						-			-	-				-		-
V. I. Regional Library	1,925,862					1,925,862				1,925,862				1,925,862		1,925,862
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,162,000		2,162,000				2,162,000				2,162,000		2,162,000
Malahat Transit	372,620		353,126	12,500		738,246	-			738,246			-	738,246		738,246
Transit	2,975,133		657,590	112,000		3,744,723		66,000	66,000	3,810,723		201,920		3,608,803		3,810,723
911	1,040,745			-		1,040,745	(50,000)		(50,000)	990,745			105,716	885,029		990,745
Grants-in-Aid	156,293					156,293				156,293				156,293		156,293
Economic Development	563,645					563,645				563,645				563,645		563,645
Regional Tourism	120,000			-		120,000				120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000				30,000				30,000		30,000
Environmental Initiatives	610,000			310,000		920,000				920,000				920,000		920,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054				3,282,054				-		3,282,054
Parks, Recreation, Culture & Facilities				435,982		435,982				435,982				435,982		435,982
Administration Building				665,034		665,034				665,034		154,753		510,281		665,034
Emergency Planning	818,212		29,136	146,402		993,750	-			993,750				993,750		993,750
Community Parks	1,710,000		4,000	-		1,714,000	-			1,714,000	84,881		338,000	1,291,119		1,714,000
Electoral Area Services	837,443			-		837,443				837,443				837,443		837,443
Parks & Trails	780,753					780,753				780,753	10,511			770,242		780,753
Regional Parks	1,050,000					1,050,000				1,050,000			119,341	930,659		1,050,000
Bright Angel Park	65,500		5,000			70,500				70,500				70,500		70,500
South Cowichan Community Parks	62,000					62,000				62,000				62,000		62,000
501 Trestle	105,000					105,000				105,000			410,000	(305,000)		105,000
502 Regional Parkland Acquisition	865,000					865,000	(122,012)		(122,012)	742,988	742,988			-		742,988
503 Animal Control	44,741			76,995		121,736				121,736				121,736		121,736
Enforcement & Inspection	532,754			650,000		1,182,754				1,182,754				1,182,754		1,182,754
Community Planning	2,154,000			162,000		2,316,000				2,316,000				2,316,000		2,316,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)		(150,000)	474,281				356,856		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)		(1,300)	54,700				54,700		54,700
Lake Cowichan Fire Protection	262,873					262,873				262,873				262,873		262,873
Saltair Fire Protection	170,991					170,991				170,991				170,991		170,991
Sahtlam Fire Protection	246,777			1,935		248,712	(12,925)		(12,925)	235,787	38,990	12,487		184,310		235,787
Malahat Fire Protection	190,614		52,621	-		243,235	(20,000)		(20,000)	223,235		21,582		201,653		223,235
Eagle Heights Fire Protection	208,785					208,785				208,785				208,785		208,785
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)		(40,000)	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(50,000)		(50,000)	155,532				155,532		155,532
Arts and Culture	130,000					130,000				130,000				130,000		130,000
Cowichan Lake Recreation	2,550,088		460,114	75,000		3,085,202	(50,000)		(50,000)	3,035,202	92,589	477,957	75,000	2,389,656		3,035,202
Kerry Park Recreation	2,916,825		820,000	63,500		3,800,325	(150,000)		(150,000)	3,650,325	317,327	92,212	50,000	3,190,786		3,650,325
Kerry Park Aquatic Service	100,000					100,000				100,000				100,000		100,000
Island Savings Centre	4,847,241		1,849,555	469,682		7,166,478	(468,000)		(468,000)	6,698,478		135,606	500,000	6,062,872		6,698,478
Island Savings Centre Theatre Loan	-					-				-				-		-
Theatre Grant - Area A	42,657					42,657				42,657				42,657		42,657
Theatre Grant - Area B	69,170					69,170				69,170				69,170		69,170
Theatre Grant - Area C	80,567					80,567				80,567				80,567		80,567
Theatre Grant N. Cowichan	139,444					139,444				139,444				139,444		139,444
Theatre Grant - Ladysmith	52,872					52,872				52,872				52,872		52,872
COWICHAN SPORTSPLEX - AREA A	13,989					13,989				13,989				13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365				13,365				13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474				8,474				8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935				9,935				9,935		9,935
Recreation Mill Bay	10,000					10,000				10,000				10,000		10,000
Recreation Glenora	8,454					8,454				8,454				8,454		8,454
Recreation Saltair	46,000					46,000				46,000				46,000		46,000
Victim Services West	12,500					12,500				12,500				12,500		12,500

**B2**

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2020)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	96,363					96,363			-	96,363				96,363		96,363
Cowichan Aquatic Centre - Area E	25,296					25,296			-	25,296				25,296		25,296
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	715,000		526,650	50,000		1,291,650			-	1,291,650	45,900		50,000	1,195,750		1,291,650
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	5,011					5,011		-	-	5,011				5,011		5,011
COWICHAN AQUATIC CENTRE - AREA I	5,011					5,011		-	-	5,011				5,011		5,011
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
General Planning	50,983					50,983			-	50,983				50,983		50,983
South Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000		-	-	61,000				61,000		61,000
Engineering Services - Administration				250,000		250,000			-	250,000			-	250,000		250,000
Engineering Services - Utilities				-	2,434,809	2,434,809			-	2,434,809	29,548		50,000	2,355,261		2,434,809
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,250,000	487,500		1,737,500	(120,000)	(120,000)	-	1,617,500		144,820		1,472,680		1,617,500
Solid Waste Complex	4,206,210		2,841,398	1,131,763		8,179,371	(40,591)	(40,591)	-	8,138,780	216,959	320,946		7,600,875		8,138,780
Cowichan Flood Management	150,000					150,000			-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000			-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900				95,900		95,900
Liquid Waste Plan South Sector						-			-	-				-		-
Street Lighting - Mesachie	6,100					6,100			-	6,100				6,100		6,100
Street Lighting - Youbou		31,000				31,000			-	31,000				31,000		31,000
Street Lighting - Brentwood			245	50		295			-	295				295		295
Street Lighting - Cowichan Bay	4,900					4,900			-	4,900				4,900		4,900
Street Lighting - Honeymoon Bay	24,400					24,400			-	24,400				24,400		24,400
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350				2,350		2,350
Street Lighting - Cobble Hill		2,499				2,499			-	2,499				2,499		2,499
Critical Street Lighting A	2,600					2,600			-	2,600				2,600		2,600
Critical Street Lighting B	1,300					1,300			-	1,300				1,300		1,300
Critical Street Lighting C	3,200					3,200			-	3,200				3,200		3,200
Critical Street Lighting D	1,000					1,000			-	1,000				1,000		1,000
Critical Street Lighting E	5,000					5,000			-	5,000				5,000		5,000
Critical Street Lighting I	1,265					1,265			-	1,265				1,265		1,265
Asset Management																
Street Lighting - Wilmot Road	4,100					4,100			-	4,100				4,100		4
Street Lighting - Sentinel Ridge	2,930					2,930			-	2,930				2,930		2
Street Lighting - Twin Cedars	4,200					4,200			-	4,200				4,200		4
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200				4,200		4
Mill Springs Street Lighting	13,000					13,000			-	13,000				13,000		13

**B2**

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2020)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Satellite Park Water		49,960	35,000			84,960	(6,575)		(6,575)	78,385		11,981		66,404		78,385
Douglas Hill Water		51,200	52,000		-	103,200	-		-	103,200		11,337		91,863		103,200
Lambourn Water		41,200	94,000	-		135,200				135,200	-	7,088		128,112		135,200
Arbutus Mountain Water		35,000	31,000			66,000				66,000				66,000		66,000
Fern Ridge Water		20,000	16,000		45,000	81,000	5,000	5,000	5,000	86,000		3,000		83,000		86,000
Bald Mountain Water System		52,520	27,000			79,520	(7,000)		(7,000)	72,520				72,520		72,520
Dogwood Ridge Water System		28,000	21,500			49,500				49,500		5,312		44,188		49,500
Arbutus Ridge Water System			292,700			292,700	(5,000)		(5,000)	287,700		6,608		281,092		287,700
Carlton Water System		29,000	16,000			45,000				45,000		5,665		39,335		45,000
Shellwood Water System		25,000	12,000			37,000				37,000		5,216		31,784		37,000
Woodley Range Water System		29,444	-			29,444				29,444		644		28,800		29,444
Burnum Water System		46,570	43,000			89,570	(5,000)		(5,000)	84,570		22,526		62,044		84,570
Mesachie Lake Water		33,000	20,000			53,000	(3,000)		(3,000)	50,000				50,000		50,000
Saltair Water		490,000	288,935			778,935				778,935			300,000	478,935		778,935
Central Youbou Water Debt		36,850				36,850				36,850		36,850		-		36,850
Youbou Water		205,354	85,000			290,354	(5,000)		(5,000)	285,354	32,854	8,506	50,000	193,994		285,354
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142				120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				2,623		2,623				2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				25,744				25,744		25,744
Cherry Point Water		28,000	14,000			42,000	(2,000)		(2,000)	40,000				40,000		40,000
Shawnigan Lake North Water		281,025	293,159			574,184				574,184		257,000		317,184		574,184
Shawnigan Weir				1,000		1,000				1,000				1,000		1,000
Kerry Village Water		22,600	44,000			66,600				66,600				66,600		66,600
Lot Road Drainage	7,000					7,000				7,000				7,000		7,000
Sentinel Ridge Drainage	5,000					5,000				5,000				5,000		5,000
Shawnigan Lake East Drainage	2,100					2,100				2,100				2,100		2,100
Arbutus Mountain Drainage	4,400					4,400				4,400				4,400		4,400
Lanes Road Drainage	3,800					3,800				3,800				3,800		3,800
Bald Mountain Drainage System	5,000					5,000				5,000				5,000		5,000
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				20,000				20,000		20,000
Shawnigan Creek Cleanout System	14,000					14,000				14,000				14,000		14,000
Cowichan Bay Sewer		233,500	300,000			533,500	(4,587)		(4,587)	528,913		132,729	70,000	326,184		528,913
Brulett Sewer System		30,000	32,000	-	-	62,000				62,000		15,000		47,000		62,000
Sentinel Ridge Sewer		52,950	64,000			116,950				116,950				116,950		116,950
Twin Cedars Sewer		55,000	34,500			89,500	(3,000)		(3,000)	86,500				86,500		86,500
Lambourn Sewer		31,200	86,459	-		117,659				117,659		10,632		107,027		117,659
Arbutus Mountain Sewer		95,000	55,000			150,000				150,000				150,000		150,000
Cobble Hill Sewer		35,000	24,000			59,000	(3,000)		(3,000)	56,000				56,000		56,000
Mesachie Lake Sewer		45,699	15,000	-		60,699				60,699		15,699		45,000		60,699
Bald Mountain Sewer System		52,000	24,000			76,000		17,000	17,000	93,000		25,000		68,000		93,000
Mill Springs Sewer System		109,600	85,000			194,600	(6,000)		(6,000)	188,600				188,600		188,600
Arbutus Ridge Sewer System			446,355			446,355	(5,000)		(5,000)	441,355		166,884		274,471		441,355
Eagle Heights Sewer			235,800	350,000		585,800	194,453	194,453	194,453	780,253				780,253		780,253
Maple Hills Sewer		30,000	18,000			48,000	(4,000)		(4,000)	44,000				44,000		44,000
Shawnigan Lake Sewer		180,000	160,000	1,000		341,000				341,000		5,252	80,000	255,748		341,000
Kerry Village Sewer		28,000	80,000			108,000	(10,000)		(10,000)	98,000		6,287		91,713		98,000
Youbou Sewer System		44,000	16,000			60,000	4,000	4,000	4,000	64,000			14,000	50,000		64,000
Elkington Water System		-	41,000			41,000				41,000				41,000		41,000
Elkington Forest Sewer System		-	61,000			61,000				61,000				61,000		61,000
<b>TOTALS</b>	<b>38,520,990</b>	<b>2,682,963</b>	<b>12,172,656</b>	<b>11,153,496</b>	<b>2,479,809</b>	<b>67,009,914</b>	<b>(1,128,537)</b>	<b>66,000</b>	<b>(1,062,537)</b>	<b>65,947,377</b>	<b>1,729,972</b>	<b>5,581,175</b>	<b>2,272,057</b>	<b>56,364,172</b>		<b>65,947</b>

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2021)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
General Government	2,427,500			230,000		2,657,500			-	2,657,500			35,000	2,622,500		2,657,500
Community Health Network						-			-	-				-		-
V. I. Regional Library	1,964,379					1,964,379			-	1,964,379				1,964,379		1,964,379
Homelessness						-			-	-				-		-
H.R. / I.T. / M.I.A./G.I.S.				2,204,000		2,204,000			-	2,204,000				2,204,000		2,204,000
Malahat Transit	381,851		356,657	13,000		751,508			-	751,508				751,508		751,508
Transit	3,111,309		657,590	114,000		3,882,899			-	3,882,899		201,920		3,680,979		3,882,899
911	1,056,356			-		1,056,356	(50,000)	(50,000)	-	1,006,356		114,490		891,866		1,006,356
Grants-in-Aid	156,293					156,293			-	156,293				156,293		156,293
Economic Development	574,918					574,918			-	574,918				574,918		574,918
Regional Tourism	120,000			-		120,000			-	120,000				120,000		120,000
Electoral Feasibility Studies	10,000			20,000		30,000			-	30,000				30,000		30,000
Environmental Initiatives	620,000			310,000		930,000			-	930,000				930,000		930,000
Municipalities - M.F.A. Debt				3,282,054		3,282,054			-	3,282,054		3,282,054		-		3,282,054
Parks, Recreation, Culture & Facilities				444,216		444,216			-	444,216				444,216		444,216
Administration Building				665,034		665,034			-	665,034	-	154,753		510,281		665,034
Emergency Planning	818,212		29,136	146,402		993,750		-	-	993,750				993,750		993,750
Community Parks	1,710,000		4,000	-		1,714,000		-	-	1,714,000	84,881		338,000	1,291,119		1,714,000
Electoral Area Services	854,192					854,192			-	854,192				854,192		854,192
Parks & Trails	795,958					795,958			-	795,958	10,511			785,447		795,958
Regional Parks	1,075,000					1,075,000			-	1,075,000			139,341	935,659		1,075,000
Bright Angel Park	65,500		5,000			70,500			-	70,500			-	70,500		70,500
South Cowichan Community Parks	62,000					62,000			-	62,000				62,000		62,000
Victoria Trestle	105,000					105,000			-	105,000				105,000		105,000
Central Parkland Acquisition	865,000					865,000	(122,012)	(122,012)	-	742,988	742,988			-		742,988
Visual Control	44,548			79,623		124,171			-	124,171				124,171		124,171
Enforcement & Inspection	534,279			650,000		1,184,279			-	1,184,279				1,184,279		1,184,279
Community Planning	2,111,000			160,000		2,271,000			-	2,271,000				2,271,000		2,271,000
North Oyster Fire Protection	529,648		94,633			624,281	(150,000)	(150,000)	-	474,281	114,151		-	360,130		474,281
Mesachie Lake Fire Protection	50,000			6,000		56,000	(1,300)	(1,300)	-	54,700				54,700		54,700
Lake Cowichan Fire Protection	268,130					268,130			-	268,130				268,130		268,130
Saltair Fire Protection	174,411					174,411			-	174,411				174,411		174,411
Sahtlam Fire Protection	246,777			1,935		248,712	(75,712)	(75,712)	-	173,000	-	-	-	173,000		173,000
Malahat Fire Protection	190,614		52,621			243,235			-	243,235		21,582		221,653		243,235
Eagle Heights Fire Protection	212,961					212,961		-	-	212,961				212,961		212,961
Honeymoon Bay Fire Protection	187,000					187,000	(40,000)	(40,000)	-	147,000				147,000		147,000
Youbou Fire Protection	205,532					205,532	(50,000)	(50,000)	-	155,532				155,532		155,532
Arts and Culture	162,500					162,500			-	162,500				162,500		162,500
Cowichan Lake Recreation	2,555,162		460,114	105,000		3,120,276	(50,000)	(50,000)	-	3,070,276	50,824	477,957	105,000	2,436,495		3,070,276
Kerry Park Recreation	2,916,825		825,000	383,600		4,125,425			-	4,125,425	240,000	92,212	515,000	3,278,213		4,125,425
Kerry Park Aquatic Service	100,000					100,000			-	100,000				100,000		100,000
Island Savings Centre	4,847,241		1,849,555	469,682		7,166,478	(468,000)	(468,000)	-	6,698,478		135,606	500,000	6,062,872		6,698,478
Island Savings Centre Theatre Loan	-					-			-	-				-		-
Theatre Grant - Area A	43,511					43,511			-	43,511				43,511		43,511
Theatre Grant - Area B	70,553					70,553			-	70,553				70,553		70,553
Theatre Grant - Area C	82,178					82,178			-	82,178				82,178		82,178
Theatre Grant N. Cowichan	142,233					142,233			-	142,233				142,233		142,233
Theatre Grant - Ladysmith	53,929					53,929			-	53,929				53,929		53,929
COWICHAN SPORTSPLEX - AREA A	13,989					13,989		-	-	13,989				13,989		13,989
COWICHAN SPORTSPLEX - AREA C	13,365					13,365		-	-	13,365				13,365		13,365
COWICHAN SPORTSPLEX - AREA D	8,474					8,474		-	-	8,474				8,474		8,474
COWICHAN SPORTSPLEX - AREA E	9,935					9,935		-	-	9,935				9,935		9,935
Recreation Mill Bay	10,000					10,000			-	10,000				10,000		10,000
Recreation Glenora	8,454					8,454			-	8,454				8,454		8,454
Recreation Saltair	46,000					46,000			-	46,000				46,000		46,000
Victim Services West	12,500					12,500			-	12,500				12,500		12,500

**B2**

**Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)**

(Year 2021)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Cowichan Lake Activity Centre	55,105					55,105			-	55,105				55,105		55,105
Victim Services	80,000					80,000			-	80,000				80,000		80,000
Recreation N. Oyster	98,290					98,290			-	98,290				98,290		98,290
Cowichan Aquatic Centre - Area E	25,802					25,802			-	25,802				25,802		25,802
Cowichan Wooden Boat Society	13,600					13,600			-	13,600				13,600		13,600
Shawnigan Lake Community Centre	718,900		530,000	50,000		1,298,900	35,000		35,000	1,333,900	45,900	100,000	1,188,000		1,333,900	
Cobble Hill Historical Society	15,000					15,000			-	15,000				15,000		15,000
Cobble Hill Hall	18,000					18,000			-	18,000				18,000		18,000
Shawnigan Lake Historical Society	17,015					17,015			-	17,015				17,015		17,015
Cowichan Station Area Association Area E	21,524					21,524			-	21,524				21,524		21,524
Frank Jameson Centre	40,000					40,000			-	40,000				40,000		40,000
Senior Centre Grant	17,506					17,506			-	17,506				17,506		17,506
Kaatza Society	30,000					30,000			-	30,000				30,000		30,000
Mill Bay/Malahat Historical Society	10,000					10,000			-	10,000				10,000		10,000
Cowichan Station Association Area B	5,000					5,000			-	5,000				5,000		5,000
COWICHAN AQUATIC CENTRE - AREA F	5,111					5,111		-	-	5,111				5,111		5,111
COWICHAN AQUATIC CENTRE - AREA I	5,111					5,111		-	-	5,111				5,111		5,111
Shawnigan Basin Society	50,000					50,000			-	50,000				50,000		50,000
Nature and Habitat - Area I				200		200			-	200				200		200
Thetis Island Wharf		9,000				9,000			-	9,000				9,000		9,000
Thetis Island Boat Launch		1,000				1,000			-	1,000				1,000		1,000
Cowichan Lake Water Protection				800		800			-	800				800		800
Safer Futures	27,575					27,575			-	27,575				27,575		27,575
Financial Planning	50,983					50,983			-	50,983				50,983		50,983
South Cowichan Community Policing	60,019					60,019			-	60,019				60,019		60,019
Cowichan Community Policing	125,375					125,375			-	125,375				125,375		125,375
COWICHAN VALLEY HOSPICE SOCIETY	61,000					61,000			-	61,000				61,000		61,000
Engineering Services - Administration				305,000		305,000			-	305,000		50,000	255,000		305,000	
Engineering Services - Utilities				-	2,499,548	2,499,548			-	2,499,548	39,548	60,000	2,400,000		2,499,548	
Thetis Island Solid Waste & Recycling		22,213				22,213			-	22,213				22,213		22,213
Curbside Collection			1,250,000	487,500		1,737,500	(120,000)	(120,000)	-	1,617,500		144,820	1,472,680		1,617,500	
Solid Waste Complex	4,206,210		2,841,398	1,229,140		8,276,748	(140,591)	(140,591)	-	8,136,157	189,382	295,883	7,650,892		8,136,157	
Cowichan Flood Management	150,000					150,000			-	150,000				150,000		150,000
South Cowichan Water Study Plan	75,000					75,000			-	75,000				75,000		75,000
Liquid Waste Plan Central Sector	95,900					95,900			-	95,900				95,900		95,900
Liquid Waste Plan South Sector						-			-	-				-		-
Street Lighting - Mesachie	6,100					6,100			-	6,100				6,100		6,100
Street Lighting - Youbou		32,000				32,000			-	32,000				32,000		32,000
Street Lighting - Brentwood			250	50		300			-	300				300		300
Street Lighting - Cowichan Bay	4,900					4,900			-	4,900				4,900		4,900
Street Lighting - Honeymoon Bay	24,500					24,500			-	24,500				24,500		24,500
Street Lighting - Mill Bay			2,250	100		2,350			-	2,350				2,350		2,350
Street Lighting - Cobble Hill		2,499				2,499			-	2,499				2,499		2,499
Critical Street Lighting A	2,600					2,600			-	2,600				2,600		2,600
Critical Street Lighting B	1,300					1,300			-	1,300				1,300		1,300
Critical Street Lighting C	3,200					3,200			-	3,200				3,200		3,200
Critical Street Lighting D	1,000					1,000			-	1,000				1,000		1,000
Critical Street Lighting E	5,100					5,100			-	5,100				5,100		5,100
Critical Street Lighting I	1,270					1,270			-	1,270				1,270		1,270
Asset Management																
Street Lighting - Wilmot Road	4,100					4,100			-	4,100				4,100		4,100
Street Lighting - Sentinel Ridge	2,960					2,960			-	2,960				2,960		2,960
Street Lighting - Twin Cedars	4,200					4,200			-	4,200				4,200		4,200
Street Lighting - Arbutus Mountain	4,200					4,200			-	4,200				4,200		4,200
Mill Springs Street Lighting	13,000					13,000			-	13,000				13,000		13,000
Satellite Park Water		49,960	35,000			84,960	(6,575)	(6,575)	-	78,385		11,981	66,404		78,385	

**B2**

Cowichan Valley Regional District  
Five Year Financial Plan (2017 - 2021)

(Year 2021)

SCHEDULE "B"

FUNCTION:	Funding Sources						Transfer from/(to)				Expenditures					
	Tax Requisition	Parcel Taxes	Fees & Charges	Other Revenue	Proceeds of Borrowing	Total Funding	Special Funds	Surplus of Prior Year	Total Transfers	Total Revenue	Principal & Interest Short Term	Long Term	Capital	Other Purposes	Deficit prior year	Total Expenditures
Douglas Hill Water	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lambourn Water		41,200	95,000			136,200				136,200		7,088		129,112		136,200
Arbutus Mountain Water		35,000	32,000			67,000				67,000		8,000		59,000		67,000
Fern Ridge Water		22,700	16,000			38,700				38,700		3,000		35,700		38,700
Bald Mountain Water System		52,520	30,000			82,520	(10,000)		(10,000)	72,520				72,520		72,520
Dogwood Ridge Water System		28,850	21,500			50,350				50,350		5,312		45,038		50,350
Arbutus Ridge Water System			300,000			300,000				300,000		6,608		293,392		300,000
Carlton Water System		30,000	16,000			46,000				46,000		5,665		40,335		46,000
Shellwood Water System		25,000	12,000			37,000				37,000		5,216		31,784		37,000
Woodley Range Water System		29,444	-			29,444				29,444		644		28,800		29,444
Burnum Water System		46,570	44,000			90,570	(5,000)		(5,000)	85,570		22,526		63,044		85,570
Mesachie Lake Water		33,000	20,000			53,000	(3,000)		(3,000)	50,000				50,000		50,000
Saltair Water		490,000	287,935			777,935				777,935			300,000	477,935		777,935
Central Youbou Water Debt		36,850				36,850				36,850		36,850		-		36,850
Youbou Water		206,000	93,154			299,154	(10,000)		(10,000)	289,154	32,854	8,506	50,000	197,794		289,154
Honeymoon Bay Water		62,212	62,930			125,142	(5,000)		(5,000)	120,142				120,142		120,142
Honeymoon Bay (Sutton Cr.) Water Debt		2,623				2,623				2,623		2,623				2,623
Honeymoon Bay Water (Well 2) Debt		25,744				25,744				25,744				25,744		25,744
Cherry Point Water		29,600	14,000			43,600	(3,000)		(3,000)	40,600				40,600		40,600
Shawnigan Lake North Water		281,025	286,600			567,625				567,625		257,000		310,625		567,625
Shawnigan Weir				1,000		1,000				1,000				1,000		1,000
Kerry Village Water		22,600	44,000			66,600				66,600				66,600		66,600
Wilmot Road Drainage	8,000					8,000				8,000				8,000		8,000
Sentinel Ridge Drainage	6,000					6,000				6,000				6,000		6,000
Shawnigan Lake East Drainage	2,150					2,150				2,150				2,150		2,150
Arbutus Mountain Drainage	5,000					5,000				5,000				5,000		5,000
Lanes Road Drainage	3,800					3,800				3,800				3,800		3,800
Bald Mountain Drainage System	5,000					5,000				5,000				5,000		5,000
Cobble Hill Drainage System	-					-				-				-		-
Arbutus Ridge Drainage System	20,000					20,000				20,000				20,000		20,000
Shawnigan Creek Cleanout System	14,000					14,000				14,000				14,000		14,000
Cowichan Bay Sewer		233,500	300,000			533,500	(4,587)		(4,587)	528,913		132,729	70,000	326,184		528,913
Brulett Sewer System		30,950	32,000			62,950				62,950		15,000		47,950		62,950
Sentinel Ridge Sewer		52,950	65,000			117,950				117,950				117,950		117,950
Twin Cedars Sewer		62,320	35,000			97,320				97,320				97,320		97,320
Lambourn Sewer		31,200	87,959			119,159				119,159		10,632		108,527		119,159
Arbutus Mountain Sewer		96,000	55,000			151,000				151,000				151,000		151,000
Cobble Hill Sewer		46,710	25,000			71,710	(3,000)		(3,000)	68,710		1,250		67,460		68,710
Mesachie Lake Sewer		45,699	15,000			60,699				60,699		15,699		45,000		60,699
Bald Mountain Sewer System		55,000	25,000			80,000	(10,000)		(10,000)	70,000				70,000		70,000
Mill Springs Sewer System		112,329	85,000			197,329	(7,000)		(7,000)	190,329				190,329		190,329
Arbutus Ridge Sewer System			446,355			446,355	(5,000)		(5,000)	441,355		166,884		274,471		441,355
Eagle Heights Sewer			322,162			322,162	24,453		24,453	346,615				346,615		346,615
Maple Hills Sewer		38,950	18,000			56,950				56,950				56,950		56,950
Shawnigan Lake Sewer		194,000	160,000			354,000				354,000		4,131	90,000	259,869		354,000
Kerry Village Sewer		31,100	80,000	4,000		115,100				115,100		6,287		108,813		115,100
Youbou Sewer System		57,700	16,000			73,700				73,700			20,000	53,700		73,700
Elkington Water System		-	70,000			70,000				70,000				70,000		70,000
Elkington Forest Sewer System		-	79,000			79,000				79,000				79,000		79,000
<b>TOTALS</b>	<b>38,845,624</b>	<b>2,706,018</b>	<b>12,284,799</b>	<b>11,362,336</b>	<b>2,499,548</b>	<b>67,698,324</b>	<b>(1,280,324)</b>	<b>-</b>	<b>(1,280,324)</b>	<b>66,418,000</b>	<b>1,551,039</b>	<b>5,540,417</b>	<b>2,486,831</b>	<b>56,839,713</b>	<b>-</b>	<b>66,418,000</b>



# Cowichan Overdose Prevention Site

*Cowichan Valley Regional District*

*May 10, 2017*

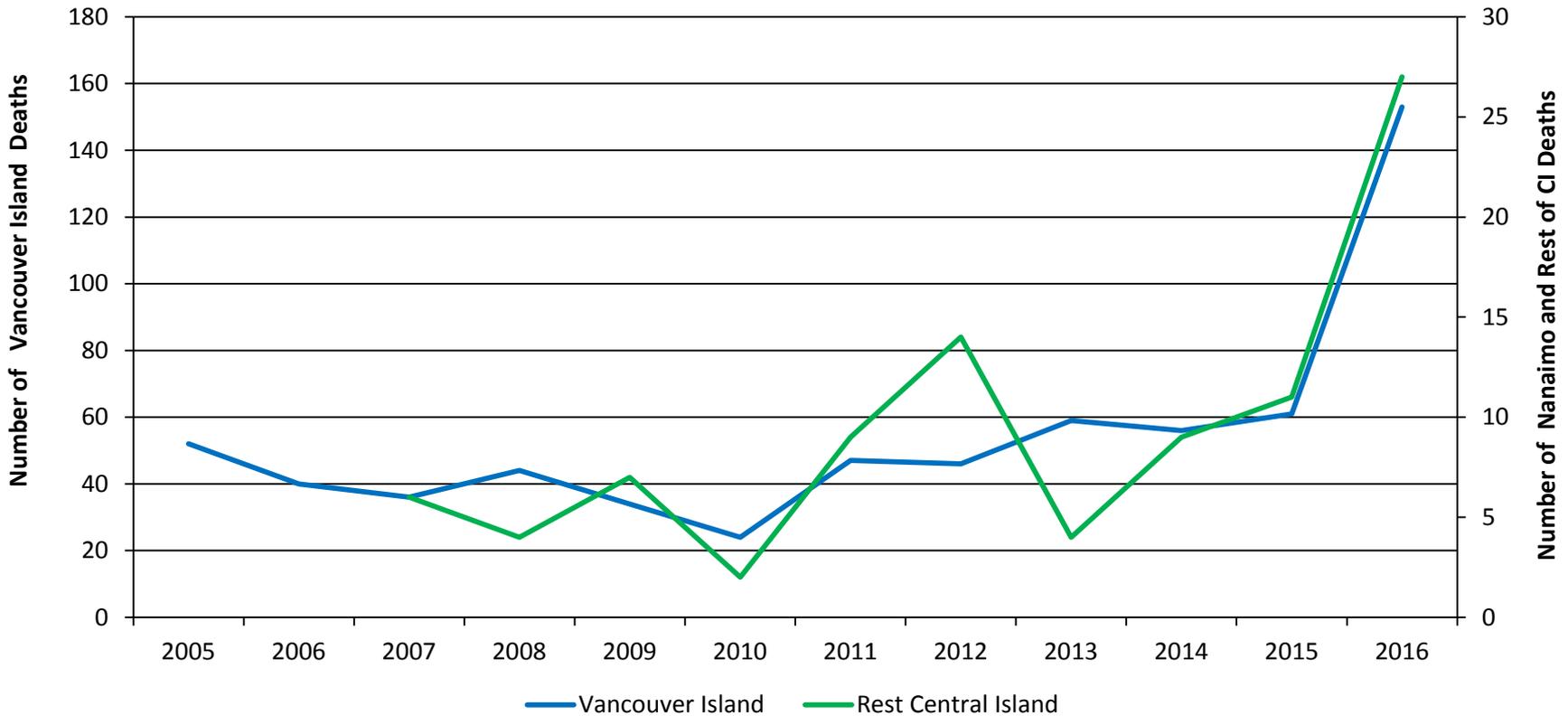
*Dr. Paul Hasselback*

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# The Development of a Crisis

Illicit Drug Overdose Deaths, Vancouver Island, 2005-2016\*



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2017 rates to end of March are almost double that for 2016

# Current Use Estimates – Cowichan LHAs

- 350 regular injection users.
- 260 occasional injection users.
- 680 regular users non-injection.
- 7500 cannabis users in past year.

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# Cowichan Valley

- 10 years – 35-40 fatalities.
- *Cowichan experienced a significant surge in mortality in 2016 that continues into 2017.*
- ▣ • 2016 increase – ~4x prior years average.
- 2016 rate remains below average for Island.

# Emergency Room Impact

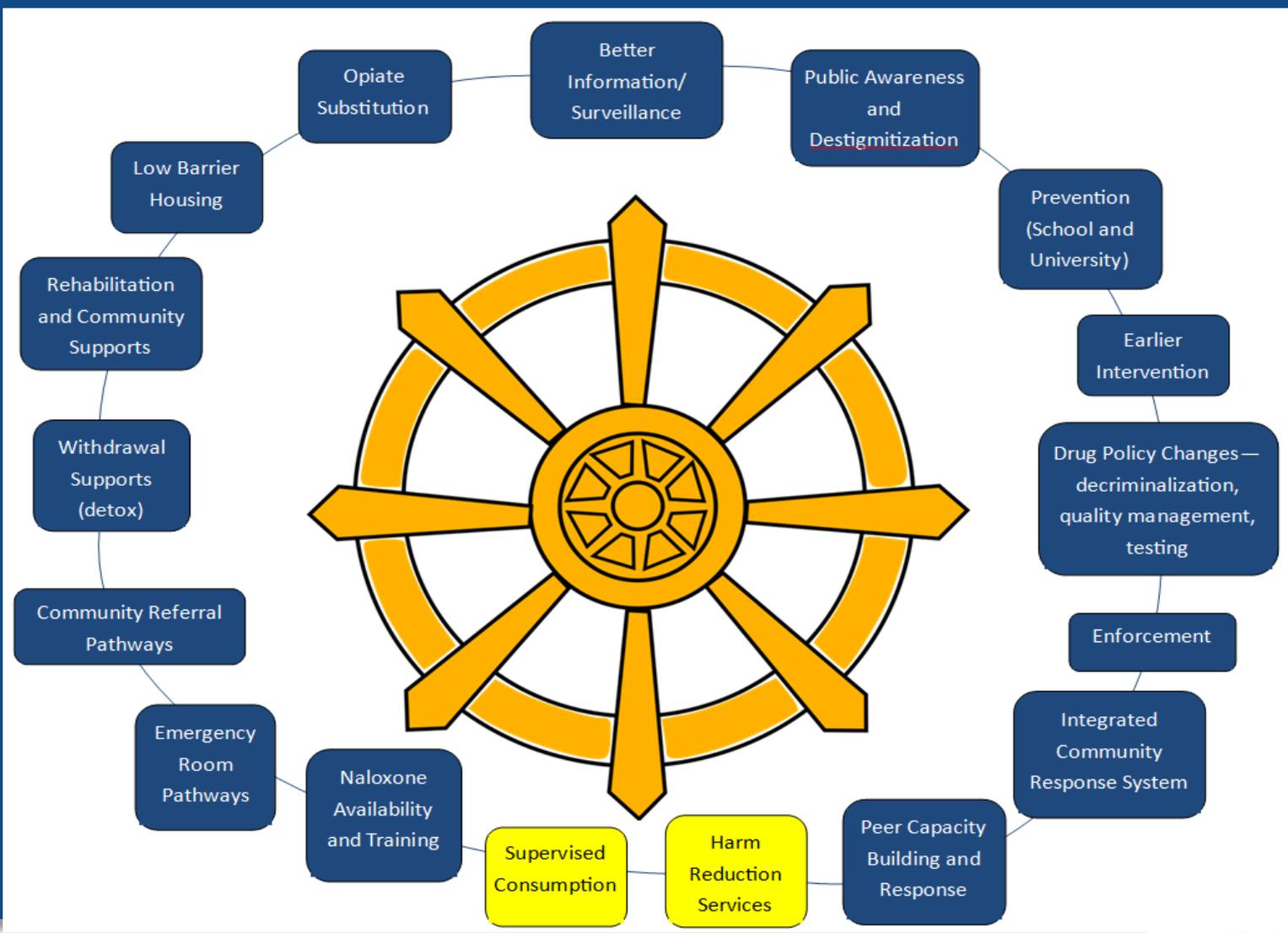
- ~ 20-30 ER visits for non-fatal overdose for each fatality.
- ~ estimated equal number treated in community.
- 80% of overdoses receive naloxone before emergency room, one-quarter by a community member.

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# Emergency Response

- Island Health response January 2016.
- Provincial state of public health emergency April 2016 (remains in effect).
- ❏ • Provincial integrated response August 2016.
  - Ministerial order on Overdose Prevention Sites December 12, 2016.
- National response developing.
  - Bill C-37

# Intervention Continuum



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# Limiting Harm

- Engaging and alerting users
- Peer networks
- Naloxone
- Supervised consumption



# Overdose Prevention/Supervised Consumption

- Effective in reducing overdose deaths.
- No impact on drug use in the community.
- OPS – variety of models:
  - Peer run, housing based, NGO, mobile, stand alone, health facility based.
- SCS Application process needed with community support and demonstrated need. OPS is avenue to demonstrating need.
- Reduced drug paraphernalia in immediate area.

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# Overdose Prevention Service Experience to date

- Six sites currently operational:
  - 2 more coming on line in next few weeks
  - Victoria, Nanaimo, Port Alberni, Courtenay, Campbell River.
- >14000 Island visits since December, >500 initial visitors.
- ~1% with overdose requiring intervention.
- No deaths.
- Few expressions of concern received.

# Cowichan Overdose Prevention Site Planning

- Subgroup formed from Sobering and Detox working group.
- Site alternatives being explored.
- 67 • Likely host agency identified (not confirmed).
- Target date for opening June/July.
- Hours of operation to be determined.

# Risks

- Further exacerbation of the perception that increase in needles and drug use is caused by support services - rather than symptom of insecure housing, lack of employment, socioeconomic disparity etc.
- Aggregation of social service activity has perceived negative impact on community.

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# Cowichan Needs

- Destigmatization and public awareness.
- Data.
- Implementation of school and post-secondary resources.
- Street outreach.
- 69 • Expanded access to opioid substitution.
- Expanded drug substance use treatment and coordination.
- Implementation of pathways to care.
- Observed consumption service.
- Expansion in low barrier housing.

# Recommendations

- Board of Directors support the establishment of an Overdose Prevention Site in the Cowichan Valley.

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**Paul Hasselback** MD MSc FRCPC  
250.739.6304  
Medical Health Officer  
Central Vancouver Island  
[paul.hasselback@viha.ca](mailto:paul.hasselback@viha.ca)



# Ditidaht First Nation

PO BOX 340, Port Alberni BC, V9Y 7M8 Phone: 250.745.3333



May 8, 2017

Office of the CAO  
Cowichan Valley Regional District  
175 Ingram St. Duncan, BC

To: Mr. Brian Carruthers, Chief Administrative Officer

## **RE: Sponsorship of Ditidaht First Nation for the Strategic Priorities Fund**

On behalf of Ditidaht First Nation I am writing this letter for the consideration of the Board to sponsor our proposal as part of this year's Strategic Priorities Fund intake.

Since 2011 Ditidaht has made significant investment in the proposed Little Nitinat River Hydropower Project. The proposed facility is a 4.0 MW run-of-river hydropower plant, capable of delivering 14.6 GWh of clean energy annually. The proposed project is located within our core traditional territory on the Little Nitinat River, a tributary to the Nitinat River which flows to Nitinat Lake. The proposed project has achieved both federal and provincial authorizations through water license and land tenure authorizations and DFO review. These authorizations mark significant project milestones, showing that overall project risk has been significantly reduced by the feasibility studies to date and project viability has been proven. In May 2016 the Ditidaht made an application to BC Hydro Standing Offer Program for an Electricity Purchase Agreement (EPA). The interconnection studies will be completed this year prior to EPA being issued (expected in Q3-2017).

We are undertaking this project because it is an excellent opportunity for sustainable economic development with direct benefits to the environment and the community. The proposed project will enable Ditidaht to derive benefits from natural resources without depleting or degrading them. The revenue earned from this project will enable Ditidaht greater financial control in the long term, which will help fund economic development diversification, health-care services, education programs, and social programs.

We are currently raising equity capital in preparation for the project construction phase in 2018, and would like to access Strategic Priorities Fund. Doing so requires CVRD to sponsor Ditidaht First Nation as the Ultimate Recipient and submit the application on our behalf. We understand that the Board must first approve this initial request before we begin the funding application process.

Therefore we request the Board to consider sponsoring Ditidaht First Nation as the Ultimate Recipient in this year's Strategic Priorities Fund application intake.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bryan Cofsky', written over a white background.

Bryan Cofsky, CEO

Ditidaht First Nation

