



**COWICHAN VALLEY REGIONAL DISTRICT**

**NOTICE OF REGULAR BOARD MEETING**

**DATE: Wednesday, January 24, 2018**

**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, JANUARY 24, 2018**  
**1:30 PM - CVRD BOARD ROOM**

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|           |   | <b>PAGE</b> |
|-----------|---|-------------|
| <b>1.</b> | <b><u>APPROVAL OF AGENDA</u></b>  |             |
| <b>2.</b> | <b><u>ADOPTION OF MINUTES</u></b>   |             |
| M1        | Regular Board Meeting of January 10, 2018   | 1           |
|           | <b>Recommendation</b> That the minutes of the Regular Board meeting of January 10, 2018 be adopted.   |             |
| <b>3.</b> | <b><u>BUSINESS ARISING FROM THE MINUTES</u></b>   |             |
| BA1       | Report and Recommendations of the Electoral Area Services Committee Meeting of December 20, 2017 Re: Rescind Board Resolution No. 18-18.1   |             |
|           | <b>Recommendation</b>   |             |
|           | 1. That Resolution No. 18-18.1 be rescinded.  |             |
|           | 2. That a bylaw be prepared to amend "CVRD Bylaw No. 1689 - Electoral Area H - North Oyster Local Service (Fire Protection) Area Establishment Bylaw", to increase the maximum annual requisition by 25%. |             |
| <b>4.</b> | <b><u>PUBLIC INPUT PERIOD</u></b>   |             |
| <b>5.</b> | <b><u>DELEGATIONS</u></b>   |             |
| <b>6.</b> | <b><u>REPORT OF THE CHAIRPERSON</u></b>   |             |
| <b>7.</b> | <b><u>CORRESPONDENCE</u></b>  |             |
| <b>8.</b> | <b><u>INFORMATION</u></b>   |             |
| <b>9.</b> | <b><u>COMMITTEE/COMMISSION REPORTS</u></b>  |             |
| CR1       | Report and Recommendations of the Electoral Area Services Committee Meeting of January 17, 2018 - Director Morrison   | 7           |

- Recommendation**
1. That a Grant-in-Aid, Electoral Area B - Shawnigan Lake, in the amount of \$5,000 be provided to Shawnigan Residents Association to support watershed protection work.
  2. That a Grant-in-Aid, Electoral Area C - Cobble Hill, in the amount of \$200 be provided to 1st Cobble Hill Scouts to aid in the removal of broom at Princess Avenue and Fairfield Road.
  3. That a Grant-in-Aid, Electoral Area C - Cobble Hill, in the amount of \$2,500 be provided to Cobble Hill Farmers Market to support the creation of a new Farm Market in South Cowichan.
  4. That a Grant-in-Aid, Electoral Area D - Cowichan Bay, in the amount of \$1,000 be provided to Frances Kelsey Secondary School for a 2018 Bursary to a graduating student residing in Electoral Area D.
  5.
    1. That a maximum of \$300,000 in short term borrowing for the purpose of Ingram Street first floor building renovations be approved and that the loan be paid back over five years pursuant to Liabilities under Agreements Section 175 of the *Community Charter*; and
    2. That the 2018 Capital Building Improvements budget be amended to \$300,000 and increase the Capital Short Term Borrowing costs to \$300,000.
  6.
    1. That the Certificates of Sufficiency confirming that a sufficient petition requesting exclusion from the Honeymoon Bay Water System Service Area, the Honeymoon Bay Water System Debt Repayment Service Area (Sutton Creek); and the Honeymoon Bay Well No. 2 Debt Repayment Service Area be received;
    2. That CVRD Bylaw No. 1588 cited as "CVRD – Honeymoon Bay Local Service (Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993" be amended to exclude PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situated in Cowichan Lake District);
    3. That "CVRD Bylaw No. 2967 – Honeymoon Bay Water System Debt Repayment Service Establishment Bylaw, 2007" be amended to exclude PID 005-186-

501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situating in Cowichan Lake District);

4. That "CVRD Bylaw No. 3980 – Honeymoon Bay Well No. 2 Debt Repayment Service Establishment Bylaw, 2016" be amended to exclude PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situating in Cowichan Lake District);

5. That amendment bylaws be forwarded to the Board for consideration of three readings and upon registration of a "no-build" covenant on PID 005-186-501, be considered for adoption; and

6. That the request from the owners of PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situating in Cowichan Lake District), to refund their 2017 parcel taxes (\$576.43 including 5.25% Surveyor of Taxes fee) for the above noted service areas be denied.

7. That a letter be sent to the Regional Water Manager, Ministry of Forests, Lands and Natural Resource Operations and Rural Development, to advise of the Board's concerns regarding Catalyst Paper Corporation's application for a ten year water license under the Water Sustainability Act, to divert water out of Cowichan Lake during times of drought and impacts to CVRD Parks infrastructure during a further draw down.

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

8. 1. That Development Permit with Variance Application No. 02-I-17DP/VAR (9172 Meades Creek Road) be approved;

2. That Zoning Bylaw No. 2465 Section 5.12.4 (Setbacks) be varied from 3.0 metres to 1.0 metre for proposed new carport; to 0.83 metres for proposed new stairs; to 0.3 metres for the existing southeast corner of the dwelling; to 1.0 metre for the existing accessory building; and to 1.67 metres for existing roof structural supports; and

3. That the General Manager of Land Use Services be authorized to permit minor revisions to the permit in accordance with the intent of Development Permit guidelines of Official Community Plan Bylaw No. 2650.

- Recommendation**
1. 1. That short-term borrowing of up to \$500,000 be approved for completion of the Meade Creek Recycling Centre Upgrade and Landfill Closure Project to be paid back over five years as per the Liabilities under Agreement Section 175 of the *Community Charter*;
  2. That the 2018 budget for Function 520 – Solid Waste Management Complex be amended to:
    1. Increase Municipal Finance Authority Short-Term Debt capital revenue by \$500,000;
    2. Increase Engineering Structures capital expense by \$500,000;
    3. Increase Municipal Finance Authority Short-Term Debt interest expense by \$9,375; and
    4. Decrease Contingency expense by \$9,375.
  3. That Function 520 – Solid Waste Management Complex 2018 Meade Creek Reade Recycling Centre Upgrade and Landfill Closure Project be authorized to proceed prior to approval of the 2018 Budget amendment.
2. 1. That the 2018 budget for Function 520 – Solid Waste Management Complex be amended to:
    1. Increase Federal Gas Tax Funding capital revenue by \$65,000;
    2. Increase Land Improvements capital expense by \$65,000.
  2. That Function 520 - Solid Waste Management Complex 2018 Bings Creek Organics & Recycling Collection Facility Upgrades project be authorized to proceed prior to approval of the 2018 Budget amendment.
3. 1. That a Solid Waste Management Plan Advisory Committee be established to receive feedback from public and special interest groups for the Solid Waste Management Plan Amendment #4 process.
  2. That a Solid Waste Management Plan Oversight Committee be established to provide status of budget, schedule , and project details for the Solid Waste Management plan Amendment #4 and that Directors Acton, Day, Morrison and Stone be appointed to the Committee.
4. 1. That the 2018 Economic Development

budget be amended to increase surplus revenue by \$45,000 and increase Contract for Services by \$45,000 to fund the industrial Land Use study in 2018; and  
 2. Proceed with expenditures related to the Industrial Land Use study prior to approval of the 2018 budget amendment.

5. That the Economic Development Cowichan Strategic Plan for 2018 – 2022 be approved.

6. That a grant application be submitted to the Union of British Columbia Municipalities (UBCM) for the Emergency Operations Centre Grant under the Community Emergency Preparedness Fund Initiative.

CR3 Report and Recommendations of the Regional Recreation Select Committee meeting of January 9, 2018 and Consultants Regional Recreation Planning Phase I and II Reports - Director Dorey 11

**Recommendation** For information.

10. **DIRECTOR REPORTS**

11. **STAFF REPORTS**

SR1 Staff Report from the General Manager, Community Services Re: Regional Recreation Phase 3 149

**Recommendation** For direction.

SR2 Staff Report from the Legislative Services Division Re: Options and Timing for Seeking Public Approval - Regional Grant-in-Aid Service Establishment Proposal 153

**Recommendation** For direction.

SR3 Staff Report from the Legislative Services Division Re: Setting of Date for Parcel Tax Roll Review Panel 157

**Recommendation** That the sitting of the Parcel Tax Roll Review Panel be set for Wednesday, February 21, 2018 at noon in the CVRD Boardroom.

SR4 Staff Report from the Finance Division Re: 2018 Revenue Anticipation Borrowing Bylaw No. 4173 159

**Recommendation** For information.

SR5 Staff Report from the Finance Division Re: Spring Security Issuing Bylaw No. 4174 and No. 4178 161

**Recommendation** For information.

**12. PUBLIC HEARINGS**

**13. BYLAWS**

B1 "CVRD Bylaw No. 4162 - Regional Grant-in-Aid Service Establishment Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 163

B2 "CVRD Bylaw No. 4167 - Honeymoon Bay Local Service (Community Water Supply and Distribution) Amendment Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 165

B3 "CVRD Bylaw No. 4168 - Honeymoon Bay Water System Debt Repayment Service Amendment Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 167

B4 "CVRD Bylaw No. 4169 - Honeymoon Bay Well No. 2 Debt Repayment Service Amendment Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 169

B5 "CVRD Bylaw No. 4173 - Revenue Anticipation Borrowing Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 171

"CVRD Bylaw No. 4173 - Revenue Anticipation Borrowing Bylaw, 2018", be adopted.

B6 "CVRD Bylaw No. 4174 - Security Issuing (Loan Authorization Bylaw No. 3277), Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 173

"CVRD Bylaw No. 4174 - Security Issuing (Loan Authorization Bylaw No. 3277), Bylaw, 2018", be adopted.

B7 "CVRD Bylaw No. 4178 - Security Issuing (Loan Authorization Bylaw No. 4105), Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading. 177

"CVRD Bylaw No. 4178 - Security Issuing (Loan Authorization Bylaw No. 4105), Bylaw, 2018", be adopted.

**14. BYLAWS - ELECTORAL AREA DIRECTORS**

BEA1 "CVRD Bylaw No. 4141 - Area H - North Oyster/Diamond Official Community Plan Amendment Bylaw (PID: 008-477-043), 2017", be adopted. 179

BEA2 "CVRD Bylaw No. 4142 - Electoral Area H - North Oyster/Diamond Official Zoning Amendment Bylaw (PID: 008-477-043), 2017", be adopted. 191

BEA3 "CVRD Bylaw No. 4154 - Electoral Areas A & C - South Cowichan Zoning Amendment Bylaw (PID: 024-611-859), 2017", be granted 3<sup>rd</sup> reading. 203

15. **RESOLUTIONS**

16. **UNFINISHED BUSINESS**

17. **NOTICE OF MOTION**

18. **NEW BUSINESS**

NB1 Staff Report from Cowichan Lake Recreation Re: 2018 Budget Amendment Function 405 - Cowichan Lake Recreation 205

**Recommendation** That the 2018 budget for function 405 – Cowichan Lake Recreation, be amended to increase Capital - Equipment by \$5,000 and increase transfer from Operating Reserve by \$5,000.

19. **QUESTION PERIOD**

20. **CLOSED SESSION**

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

CS M1 - Closed Session Minutes of January 10, 2018

CS SR1- Verbal Report from the General Manager Corporate Services Re: Employee Relations {Sub (1)(c)}

CS SR2 - Staff Report and PowerPoint Presentation from the Manager, Human Resources Re: Labour Relations Update {Sub (1)(c)}

CS SR3 - Staff Report and PowerPoint Presentation from the Manager, Human Resources Re: Labour Relations {Sub (1)(c)}

21. **ADJOURNMENT**

The next Regular Board meeting will be held Wednesday, February 14, 2018 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, January 10, 2018 at 5:00 PM.

**PRESENT** Chair J. Lefebure  
 Director S. Acton  
 Director M. Clement <after 6:30 PM>  
 Director B. Day  
 Director K. Davis  
 Director M. Dorey  
 Director L. Iannidinardo  
 Director S. Jackson  
 Director K. Kuhn <after 6:30 PM>  
 Director M. Marcotte <after 6:30 PM>  
 Director I. Morrison  
 Director A. Stone  
 Director T. Walker  
 Alternate M. Maguire

**ALSO PRESENT** B. Carruthers, Chief Administrative Officer  
 J. Barry, Corporate Secretary  
 M. Kueber, General Manager, Corporate Services  
 J. Elzinga, General Manager, Community Services  
 R. Blackwell, General Manager, Land Use Services  
 S. Heppner, Manager, Information Technology  
 B. Mohan, Manager, Human Resources  
 C. Cowan, Manager, Public Safety  
 C. Lockrey, Manager, Strategic Services  
 L. Smith, Assistant Finance Manager  
 J. deJong, Fire Services Coordinator  
 S. Carlow, Legislative Assistant

**ABSENT** Director K. Marsh  
 Director A. Nicholson

**CLOSED SESSION**

**18-01 It was moved and seconded that the Closed Session agenda be amended with the addition of one Closed Session New Business item:**

**CSNB1; Kerry Park Recreation Commission Appointments {Sub (1)(a)}; and that the agenda, as amended, be approved.**

**MOTION CARRIED**

**18-02** It was moved and seconded that the meeting be closed to the public in  
**5:01 PM** accordance with the *Community Charter* Part 4, Division 3, Section 90 (1)(c) Labour/Employee Relations (2 Items); (1)(a) Appointments (9 Items); and adoption of the Closed Session minutes of December 13, 2017.

**MOTION CARRIED**

**RISE FROM CLOSED SESSION**

**18-14** It was moved and seconded that the Board rise with report, on Items  
**5:35 PM** CSRES7, CSRES8 and CSNB1 and return to the Open portion of the meeting.

**MOTION CARRIED**

**18-11** It was moved and seconded that the following individuals be appointed to the Cowichan Lake Recreation Commission:

**Appointed for a Term to Expire December 31, 2018**

1. Terry Akiyama;
2. Calvin Convery;
3. Dave Darling;
4. Eva Fearon;
5. Laurie Johnson; and
6. Thor Repstock.

**MOTION CARRIED**

**18-12** It was moved and seconded that Peter Theriault (Thetis Island Residents' and Ratepayers' Association) be appointed to the Thetis Island Port Commission for a one year term expiring on December 31, 2018.

**MOTION CARRIED**

**18-13** It was moved and seconded that the following individuals be appointed to the Kerry Park Recreation Commission:

**Appointed for a Term to Expire December 31, 2018**

1. Sandra Evans; and
2. Brian Harrison.

**MOTION CARRIED**

**18-15** It was moved and seconded that the Board recess until 6:30 PM.  
**5:35 PM**

**MOTION CARRIED**

**6:30 PM** The meeting resumed at 6:30 PM with the addition of Directors Clement, Marcotte and Kuhn.

**APPROVAL OF AGENDA**

**18-16** It was moved and seconded that the agenda be amended with the deletion of Items B1, B2 and B3; and that the agenda, as amended, be approved.

**MOTION CARRIED****ADOPTION OF MINUTES**

**M1** Regular Board Meeting of December 13, 2017

**18-17** It was moved and seconded that the minutes of the Regular Board Meeting of December 13, 2017 be adopted.

**MOTION CARRIED****CORRESPONDENCE**

**C1** Lynne Smith, Saltair Citizen Re: Procedural Fairness - Saltair Community Centre, was received for information.

**C2** Terri Dame, Executive Director, Cowichan Housing Association Re: Cowichan Housing Association Annual Report, was received for information.

**COMMITTEE/COMMISSION REPORTS**

**CR1** Report and Recommendations of the Electoral Area Services Committee Meeting of December 20, 2017

**18-18** It was moved and seconded:

1. That a bylaw be prepared to amend "CVRD Bylaw No. 3573 - Electoral Area H – North Oyster Local Service (Fire Protection) Area Establishment Bylaw", to increase the maximum annual requisition limit by 25%.

**MOTION CARRIED**

**18-19** It was moved and seconded:

2. 1. That Development Permit Application No. 08-B-17DP (2699 Courtney Way) be approved; and
2. That the General Manager of Land Use Services be authorized to permit minor revisions to the permit in accordance with the intent of development permit guidelines of Official Community Plan Bylaw No. 3510.

**MOTION CARRIED**

- 18-20** It was moved and seconded:
3. 1. That amendment bylaws for Rezoning Application No. 01-B-17RS (1975 Renfrew Road) be forwarded to the Board for consideration of 1<sup>st</sup> and 2<sup>nd</sup> reading;
  2. That the referrals to BC Transit, Island Health, Shawnigan Lake Volunteer Fire Department, Ministry of Transportation and Infrastructure, Agricultural Land Commission and RCMP be accepted; and
  3. That a public hearing be scheduled with Directors from Electoral Areas A, B and C as delegates.

**MOTION CARRIED**

**B1** Item B1, "CVRD Bylaw No. 4167 – Honeymoon Bay Local Service (Community Water Supply and Distribution) Amendment Bylaw, 2018" was deleted upon adoption of the agenda.

**B2** Item B2, "CVRD Bylaw No. 4168 – Honeymoon Bay Water System Debt Repayment Service Amendment Bylaw, 2018" was deleted upon adoption of the agenda.

**B3** Item B3, "CVRD Bylaw No. 4169 – Honeymoon Bay Well No. 2 Repayment Service Amendment Bylaw, 2018" was deleted upon adoption of the agenda.

**BYLAWS**

**B4**  
**18-21** It was moved and seconded that the 2018 Budget for Function 112 – Grant in Aid - Area B be amended to increase the requisition by \$10,000 and to increase Grants to Organization by \$10,000.

**MOTION CARRIED**

**18-22** It was moved and seconded that the 2018 Budget for Function 118 - Grant in Aid – Area I be amended to increase the requisition by \$10,000, increase Grants to Organization by \$5,000, and to decrease Surplus by \$5,000.

**MOTION CARRIED**

**18-23** It was moved and seconded that the 2018 Budget for Function 233 – Community Parks – Area C be amended to increase Surplus by \$60,000 and to increase Capital – Land Improvements by \$60,000.

**MOTION CARRIED**

**18-24** It was moved and seconded that the 2018 Budget for Function 488 – Shawnigan Basin Society be amended to decrease the requisition by \$49,958, increase Grants to Organization by \$41, and to increase the Contribution from 3<sup>rd</sup> Party by \$50,000.

**MOTION CARRIED**

18-25 It was moved and seconded that the 2018 Budget for Function 803 – Twin Cedars Sewer be amended to increase Capital by \$100,000, increase Transfer from Capital Reserves by \$70,000, and to increase Capital Connection Charges by \$30,000.

MOTION CARRIED

18-26 It was moved and seconded that "CVRD Bylaw No. 4172 - Five Year Financial Plan (2018 - 2022) Bylaw, 2018", be granted 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> reading, as amended.

MOTION CARRIED

18-27 It was moved and seconded that "CVRD Bylaw No. 4172 - Five Year Financial Plan (2018 - 2022) Bylaw, 2018", be adopted.

MOTION CARRIED

**BYLAWS - ELECTORAL AREA DIRECTORS**

BEA1 18-28 It was moved and seconded that "CVRD Bylaw No. 4170 - South Cowichan Official Community Plan Amendment Bylaw (1975 Renfrew Road), 2018", be granted 1<sup>st</sup> and 2<sup>nd</sup> reading.

MOTION CARRIED

BEA2 18-29 It was moved and seconded that "CVRD Bylaw No. 4171 - Electoral Area B - Shawnigan Lake Zoning Amendment Bylaw (1975 Renfrew Road), 2018" be granted 1<sup>st</sup> and 2<sup>nd</sup> reading.

MOTION CARRIED

**ADJOURNMENT**

18-30 6:53 PM It was moved and seconded that the meeting be adjourned.

MOTION CARRIED

The meeting adjourned at 6:53 PM.

Certified Correct:

\_\_\_\_\_  
Chairperson

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

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





## ELECTORAL AREA SERVICES COMMITTEE REPORT

OF MEETING HELD JANUARY 17, 2018

**DATE:** January 18, 2018

**To:** Board of Directors

1. That a Grant-in-Aid, Electoral Area B - Shawnigan Lake, in the amount of \$5,000 be provided to Shawnigan Residents Association to support watershed protection work.
2. That a Grant-in-Aid, Electoral Area C - Cobble Hill, in the amount of \$200 be provided to 1st Cobble Hill Scouts to aid in the removal of broom at Princess Avenue and Fairfield Road.
3. That a Grant-in-Aid, Electoral Area C - Cobble Hill, in the amount of \$2,500 be provided to Cobble Hill Farmers Market to support the creation of a new Farm Market in South Cowichan.
4. That a Grant-in-Aid, Electoral Area D - Cowichan Bay, in the amount of \$1,000 be provided to Frances Kelsey Secondary School for a 2018 Bursary to a graduating student residing in Electoral Area D.
5.
  1. That a maximum of \$300,000 in short term borrowing for the purpose of Ingram Street first floor building renovations be approved and that the loan be paid back over five years pursuant to Liabilities under Agreements Section 175 of the *Community Charter*; and
  2. That the 2018 Capital Building Improvements budget be amended to \$300,000 and increase the Capital Short Term Borrowing costs to \$300,000.
6.
  1. That the Certificates of Sufficiency confirming that a sufficient petition requesting exclusion from the Honeymoon Bay Water System Service Area, the Honeymoon Bay Water System Debt Repayment Service Area (Sutton Creek); and the Honeymoon Bay Well No. 2 Debt Repayment Service Area be received;
  2. That CVRD Bylaw No. 1588 cited as "CVRD – Honeymoon Bay Local Service (Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993" be amended to exclude PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situated in Cowichan Lake District);
  3. That "CVRD Bylaw No. 2967 – Honeymoon Bay Water System Debt Repayment Service Establishment Bylaw, 2007" be amended to exclude PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situated in Cowichan Lake District);
  4. That "CVRD Bylaw No. 3980 – Honeymoon Bay Well No. 2 Debt Repayment Service Establishment Bylaw, 2016" be amended to exclude PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situated in Cowichan Lake District);
  5. That amendment bylaws be forwarded to the Board for consideration of three readings and upon registration of a "no-build" covenant on PID 005-186-501, be considered for adoption; and
  6. That the request from the owners of PID 005-186-501, Lot 1, Plan 10260, Section 13, Renfrew District, (Situated in Cowichan Lake District), to refund their 2017 parcel

taxes (\$576.43 including 5.25% Surveyor of Taxes fee) for the above noted service areas be denied.

7. That a letter be sent to the Regional Water Manager, Ministry of Forests, Lands and Natural Resource Operations and Rural Development, to advise of the Board's concerns regarding Catalyst Paper Corporation's application for a ten year water license under the *Water Sustainability Act*, to divert water out of Cowichan Lake during times of drought and impacts to CVRD Parks infrastructure during a further draw down.

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

8.
  1. That Development Permit with Variance Application No. 02-I-17DP/VAR (9172 Meades Creek Road) be approved;
  2. That Zoning Bylaw No. 2465 Section 5.12.4 (Setbacks) be varied from 3.0 metres to 1.0 metre for proposed new carport; to 0.83 metres for proposed new stairs; to 0.3 metres for the existing southeast corner of the dwelling; to 1.0 metre for the existing accessory building; and to 1.67 metres for existing roof structural supports; and
  3. That the General Manager of Land Use Services be authorized to permit minor revisions to the permit in accordance with the intent of Development Permit guidelines of Official Community Plan Bylaw No. 2650.



**REGIONAL SERVICES COMMITTEE REPORT**  
**OF MEETING HELD JANUARY 24, 2018**

**DATE:** January 24, 2018

**To:** Chairperson and Directors of the Board

Your Regional Services Committee reports and recommends as follows:

1. 1. That short-term borrowing of up to \$500,000 be approved for completion of the Meade Creek Recycling Centre Upgrade and Landfill Closure Project to be paid back over five years as per the Liabilities under Agreement Section 175 of the Community Charter.
2. That the 2018 budget for Function 520 - Solid Waste Management Complex be amended to:
  1. Increase Municipal Finance Authority Short-Term Debt capital revenue by \$500,000;
  2. Increase Engineering Structures capital expense by \$500,000;
  3. Increase Municipal Finance Authority Short-Term Debt interest expense by \$9,375; and
  4. Decrease Contingency expense by \$9,375.
3. That Function 520 - Solid Waste Management Complex 2018 Meade Creek Recycling Centre Upgrade and Landfill Closure Project be authorized to proceed prior to approval of the 2018 Budget amendment.
2. 1. That the 2018 budget for Function 520 - Solid Waste Management Complex be amended to:
  1. Increase Federal Gas Tax Funding capital revenue by \$65,000; and
  2. Increase Land Improvements capital expense by \$65,000.
2. That Function 520 – Solid Waste Management Complex 2018 Bings Creek Organics & Recycling Collection Facility Upgrades project be authorized to proceed prior to approval of the 2018 Budget amendment.
3. 1. That a Solid Waste Management Plan Advisory Committee be established to receive feedback from public and special interest groups for the Solid Waste Management Plan Amendment #4 process.
2. That a Solid Waste Management Plan Oversight Committee be established to provide status of budget, schedule, and project details for the Solid Waste Management Plan Amendment #4 and that Directors Acton, Day, Morrison and Stone be appointed to the Committee.
4. 1. That the 2018 Economic Development budget be amended to increase surplus revenue by \$45,000 and increase Contract for Services by \$45,000 to fund the Industrial Land Use study in 2018; a<sub>9</sub>1

2. Proceed with expenditures related to the Industrial Land Use study prior to approval of the 2018 budget amendment.
5. That the Economic Development Cowichan Strategic Plan for 2018 - 2022 be approved.
6. That a grant application be submitted to the Union of British Columbia Municipalities for the Emergency Operations Centre Grant under the Community Emergency Preparedness Fund Initiative.



**REGIONAL RECREATION SELECT COMMITTEE REPORT**

**OF MEETING HELD TUESDAY, JANUARY 9, 2018**

**DATE:** January 16, 2018

**To:** Chairperson and Directors of the Board

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Your Regional Recreation Select Committee reports and recommends as follows:

The Regional Recreation Select Committee is forwarding the following two reports to the Board for information.

- Attachment A – Regional Recreation Planning Phase I Report
- Attachment B – Regional Recreation Planning Phase 2 Report

# COWICHAN VALLEY REGIONAL DISTRICT

Regional Recreation Planning

# Phase 1 Report

Final  
January 2018





# Summary of Key Findings



The complete engagement and research findings presented in this document provide a wealth of information that can be used to assess the current state of recreation opportunities in the region as well as potential future demands for recreation facilities and services. Provided in the following chart are selected key findings.

| Topic                           | Key Findings  |
|---------------------------------|---|
| Current level of satisfaction.  | <ul style="list-style-type: none"> <li>• Current levels of satisfaction are relatively strong, however opportunity for improvement exists. 80% of residents indicated satisfaction to some extent with the overall availability of recreation opportunities in the region (37% were “very satisfied” and 43% were “somewhat satisfied”).</li> <li>• The highest levels of satisfaction was portrayed by residents of Area G, Duncan, North Cowichan, and Area E while the lowest levels were expressed by Area I, Lake Cowichan, and Area F.</li> <li>• The in-person engagement (focus groups and “pop up” events) indicated that resident’s levels of satisfaction depend on where they live. Residents that live closer to major facilities tended to have more favourable viewpoints on recreation services compared to those that don’t.</li> </ul>                      |
| Importance of recreation        | <ul style="list-style-type: none"> <li>• 92% of residents indicated that recreation is important to their household’s quality of life. 93% of residents indicated that recreation is important to the community in which they live and 92% indicated that recreation is an important factor in making the region appealing to live.</li> <li>• Residents also commonly expressed the importance of recreation through the online engagement and in-person opportunities (e.g. focus groups, “pop-up” events).</li> </ul>  |
| Current recreation preferences. | <ul style="list-style-type: none"> <li>• There is a high level of participation in spontaneous/unstructured recreation and leisure activities across the region. The majority of the top activity preferences from the Resident Survey reflect those that can be done without the need to join a league/team/program.</li> <li>• The natural environment is a key factor in recreation interests and activities. Many recreation activities with the highest levels of participation in the region take place outdoors and involve interaction with the natural environment.</li> <li>• Approximately two-thirds of residents travel outside the region to participate in recreation. The top three types of activities that residents travel outside the region for are: outdoor/nature pursuits, arts and cultural pursuits, and sport competitions/tournaments.</li> </ul> |

# Summary of Key Findings (Continued)



| Topic   | Key Findings   |
|---|--|
| <p>Future needs/demands for recreation infrastructure.</p>          | <ul style="list-style-type: none"> <li>• The highest proportion of residents (40%) believe that current facilities are sufficient and the existing level of infrastructure should be sustained. 35% of residents believe that there is a need for new or enhanced facilities.</li> <li>• Top five indoor facility priorities (from the Resident Survey): aquatics facilities, senior’s activity spaces, indoor track, climbing walls, fitness facilities.</li> <li>• Top five outdoor facility priorities (from the Resident Survey): natural surface trails, paved trails, community park spaces, outdoor aquatics facilities, playgrounds.</li> <li>• Every jurisdiction ranked natural surface trails as their number one outdoor priority.</li> <li>• Trends suggest that there will continue to be a demand for infrastructure that support spontaneous/unstructured recreation.</li> <li>• The region is experiencing modest levels of growth. Based on historical growth indicators, it is reasonable to assume that by 2026 recreation services will need to be provided for over 90,000 regional residents.</li> <li>• Comments provided on facility displays and during the in-person engagement (focus groups, “pop up” events) suggest that residents would like to see amenity improvements/additions to park spaces (i.e. bike skills park, skateboard features, water splash parks, sitting areas, social gathering spaces, etc.).</li> <li>• The popularity of pickleball growth was identified throughout the engagement as a growing activity that will likely require space.</li> </ul> |
| <p>Future needs/demands for recreation programs and activities.</p> | <ul style="list-style-type: none"> <li>• The resident survey findings revealed that there is likely a demand for more outdoor education and skill development programming, arts and cultural programming and fitness/wellness opportunities. There also appears to be less of a demand for sports and aquatics related programming.</li> <li>• The need to ensure that programming is available locally is important to residents and was expressed strongly in the focus group sessions.</li> <li>• Trends suggest that recreation programming is continuing to diversify and will require providers to stay up to date with trends, explore partnerships and make difficult decisions on what to provide within available resources.</li> </ul>  |

# Summary of Key Findings (Continued)



| Topic   | Key Findings   |
|---|--|
| Resident perspectives on regional collaboration and service delivery. | <ul style="list-style-type: none"> <li>• Residents have some desire for increased regional collaboration in the delivery of recreation services. In total, 66% of regional residents believe that some level of increased regional collaboration should occur (34% do not believe increased regional collaboration is needed).</li> <li>• 49% of regional residents believe that increased cost sharing should occur to enhance the operations or capacity of existing facilities.</li> <li>• 40% of regional residents believe that increased cost sharing should occur to undertake major capital facility projects.</li> <li>• Participants in the focus group identified that past situations and historical context may impact some perspectives on regional collaboration. Many participants also mentioned that the large geographic area encompassed by the region needs to be considered in the context of regional discussions.</li> </ul> |
| Motivators to participation in recreation opportunities.              | <ul style="list-style-type: none"> <li>• Residents in the region are motivated by a number of factors. The top 3 as identified in the Resident Survey are: physical health/exercise, fun/entertainment and to relax/unwind.</li> <li>• Feedback provided to the consultants during the focus groups and other in-person engagement opportunities also indicated that opportunities to interact socially and enjoy nature are important motivators.</li> </ul>  |
| Barriers to participation in recreation opportunities.                | <ul style="list-style-type: none"> <li>• The Resident Survey identified that approximately a quarter of residents are limited in their recreation participation by the following factors: age/health issues, cost of programs, inconvenient times, location of facilities, and lack of time.</li> <li>• Opportunities for the CVRD to help mitigate barriers (as identified in the Resident Survey) include: improved promotion, increased convenience of program location and times and more affordable opportunities.</li> <li>• The location of facilities was commonly identified in the focus groups as a barrier.</li> </ul>   |

# Table of Contents



|   |           |
|---|-----------|
| <b>1: Project Introduction and Context</b> . . . . .                  | <b>1</b>  |
| <b>2: Resident Survey Findings.</b> . . . . .                         | <b>2</b>  |
| <b>3: Facility Display Feedback.</b> . . . . .                        | <b>24</b> |
| <b>4: Online Engagement: PlaceSpeak</b> . . . . .                     | <b>26</b> |
| Poll Questions . . . . .  | 27        |
| Discussion . . . . .  | 28        |
| <b>5: Focus Groups</b> . . . . .                                      | <b>29</b> |
| Discussion Topic 1: Strengths. . . . .                                | 30        |
| Discussion Topic 2: Weaknesses and Gaps . . . . .                     | 31        |
| Discussion Topic 3: Regional Collaboration . . . . .                  | 32        |
| <b>6: “Pop-Up” Events.</b> . . . . .                                  | <b>33</b> |
| <b>7: Additional Research Inputs and Considerations.</b> . . . . .    | <b>34</b> |
| Population and Demographics . . . . .                                 | 34        |
| Population Growth Scenarios. . . . .                                  | 35        |
| Age Distribution. . . . .   | 36        |
| Trends and Leading Practices . . . . .                                | 37        |
| Participation Trends . . . . .  | 37        |
| Infrastructure Trends . . . . .                                       | 42        |
| Service Delivery Trends. . . . .                                      | 44        |
| <b>Appendices</b> . . . . .   | <b>51</b> |
| <b>A: Resident Survey: Results Filtered by Jurisdiction</b> . . . . . | <b>52</b> |

SECTION ONE

# Introduction and Project Context



The Cowichan Valley Regional District undertook a recreation planning project to help assess the current state of services and provide a resource that can be used to inform future decision making and planning projects. The project included all of CVRD’s electoral areas; the Town of Lake Cowichan; Town of Ladysmith; City of Duncan; and the Municipality of North Cowichan.

The entire project scope could include up to four phases of work as described below.

- Phase 1: Engagement and Research (Needs Assessment)*
- Phase 2: Collection of Facility Utilization Data*
- Phase 3: Exploration of Regional Recreation Options*
- Phase 4: Regional Recreation Master Plan*

To date, Phases 1 and 2 of the project have been conducted with a decision on whether to proceed with Phases 3 and 4 to occur in 2018. Presented in this document are the findings from Phase 1 of the project which occurred throughout the fall of 2017. Phase 2 of the project was undertaken concurrently and the findings from that phase of work are reported under separate cover.

Phase 1 primarily involved engagement with Cowichan region residents using a number of methods as summarized in the following chart.

| Engagement Method | Responses/Participation   |
|-------------------|---|
| Resident Survey   | 1,410   |
| Facility Displays | <i>Display boards were available at 10 facilities in the CVRD.</i>                                  |
| Online Engagement | 128 connected residents   |
| Focus Groups      | 4 Focus Group Sessions (~90 participants)   |
| Pop-Up Events     | <i>Members of the consulting team visited various locations in communities throughout the CVRD.</i> |

While engagement was the main focus of the project the consulting team also supplemented these findings with secondary research into population and demographics as well as trends and leading practices. To ensure that residents were kept well informed on the project and opportunities to provide input, a project webpage and FAQ were developed and made available through the CVRD website.



## SECTION TWO

## Resident Survey Findings



To further understand local perspectives, a household survey was conducted to help assess the current state of recreation services in the Cowichan region, including the utilization of facilities, satisfaction levels, and potential future needs/demands. Postcards were sent via neighbourhood mail to all eligible households<sup>1</sup> in the Cowichan region with instructions on how to access and complete an online survey (hard-copies were available upon request). Each postcard contained a unique access code to prevent households from submitting multiple survey responses. Respondents were asked to answer the questions on behalf of their entire household. The survey was promoted by newspaper, social media, PlaceSpeak, and facility displays.

**The findings presented in this section reflect the entirety of the responses.**

**Results that are filtered by jurisdiction are presented in the Appendices. Some notable differences are presented at the end of this section.**

<sup>1</sup> Postcards were sent to 28,536 dwellings in the region via Canada Post Neighbourhood Mail.

Overall, 1,410 responses were submitted to the survey which results in a margin of error of  $\pm 2.6\%$  19 times out of 20. The following chart displays the number of responses received by each jurisdiction along with the correlating margin of error. The margin of error is higher in those jurisdictions that received lower numbers of responses. Results that are filtered by jurisdiction are presented in the Appendices.

| Jurisdiction               | Number of Responses | Margin of Error <sup>A</sup> | Private Dwellings (2016 Census) |
|----------------------------|---------------------|------------------------------|---------------------------------|
| Area A                     | 95                  | 9.8%                         | 1,963                           |
| Area B                     | 119                 | 8.8%                         | 3,302                           |
| Area C                     | 145                 | 7.9%                         | 2,221                           |
| Area D                     | 80                  | 10.6%                        | 1,393                           |
| Area E                     | 79                  | 10.8%                        | 1,630                           |
| Area F                     | 14                  | 25.6%                        | 719                             |
| Area G                     | 65                  | 11.8%                        | 1,050                           |
| Area H                     | 42                  | 14.8%                        | 1,082                           |
| Area I                     | 23                  | 20.0%                        | 592                             |
| City of Duncan             | 71                  | 11.5%                        | 2,381                           |
| District of North Cowichan | 435                 | 4.6%                         | 12,769                          |
| Town of Ladysmith          | 78                  | 11.0%                        | 3,710                           |
| Town of Lake Cowichan      | 33                  | 16.9%                        | 1,474                           |
| Does Not Live Within CVRD  | 2                   | —                            | —                               |
| Did Not Answer             | 129                 | —                            | —                               |
| <b>Overall</b>             | <b>1,410</b>        | <b>2.6%</b>                  | <b>34,286</b>                   |

A  $\pm$  the indicated percentage 19 times out of 20.

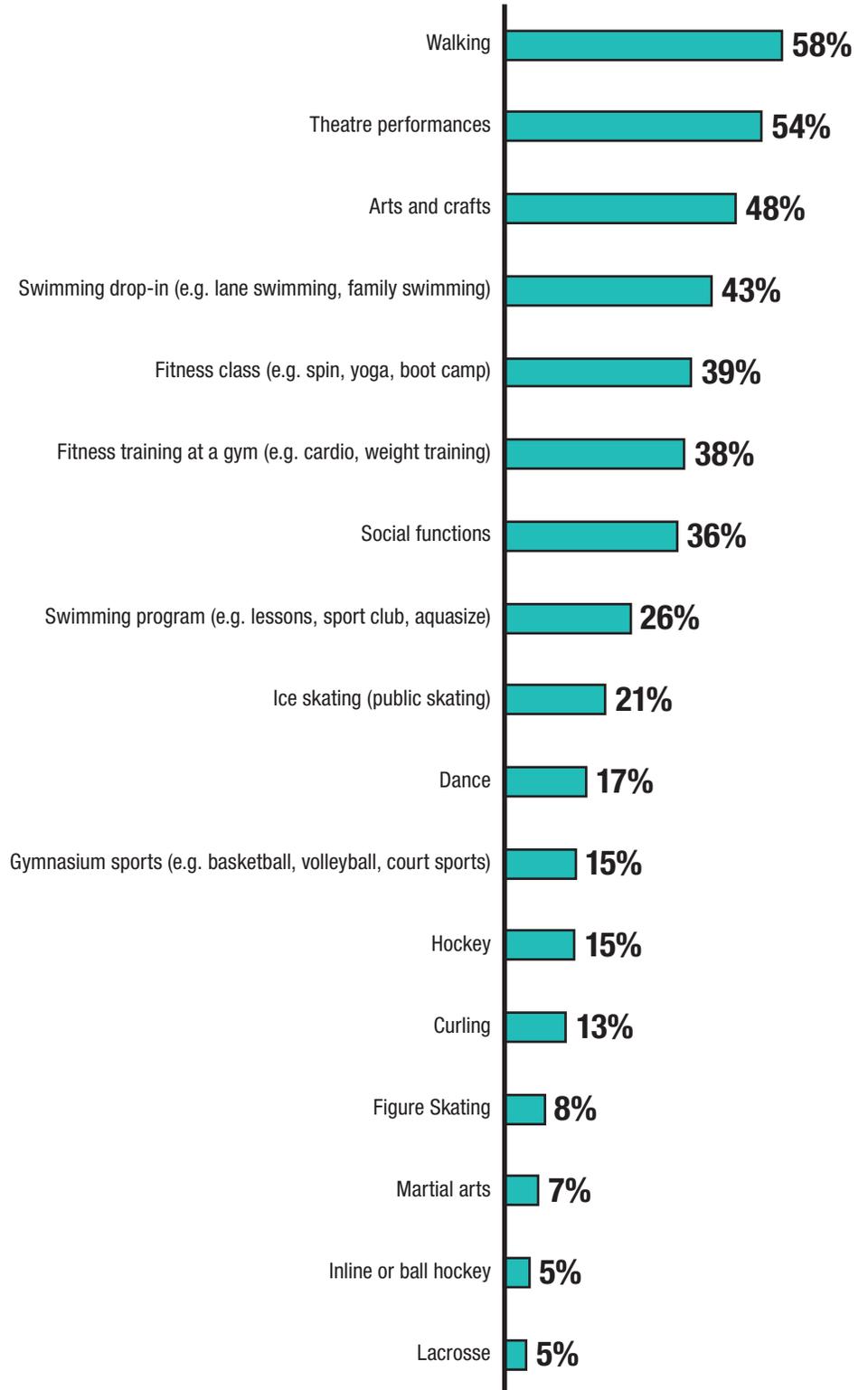
For the most part, the percentage of responses aligns closely with the distribution percentage of private dwellings. The only under-represented jurisdiction was the Town of Ladysmith.

| Jurisdiction               | Percentage of Responses | Percentage of Private Dwellings |
|----------------------------|-------------------------|---------------------------------|
| Area A                     | 7%                      | 6%                              |
| Area B                     | 9%                      | 10%                             |
| Area C                     | 11%                     | 6%                              |
| Area D                     | 6%                      | 4%                              |
| Area E                     | 6%                      | 5%                              |
| Area F                     | 1%                      | 2%                              |
| Area G                     | 5%                      | 3%                              |
| Area H                     | 3%                      | 3%                              |
| Area I                     | 2%                      | 2%                              |
| City of Duncan             | 6%                      | 7%                              |
| District of North Cowichan | 34%                     | 37%                             |
| Town of Ladysmith          | 6%                      | 11%                             |
| Town of Lake Cowichan      | 3%                      | 4%                              |

Favourite Recreation Activities: Indoor

Households were asked to identify their favourite activities and to indicate which seasons they participate in them. In regard to favourite indoor recreation activities, walking (58%) and theatre performance (54%) were favoured by over half of respondents. Arts and crafts (48%) and drop-in swimming were the next two favoured indoor activities followed by fitness classes (39%) and fitness training at a gym (38%).

Favourite Recreation Activities: Indoor

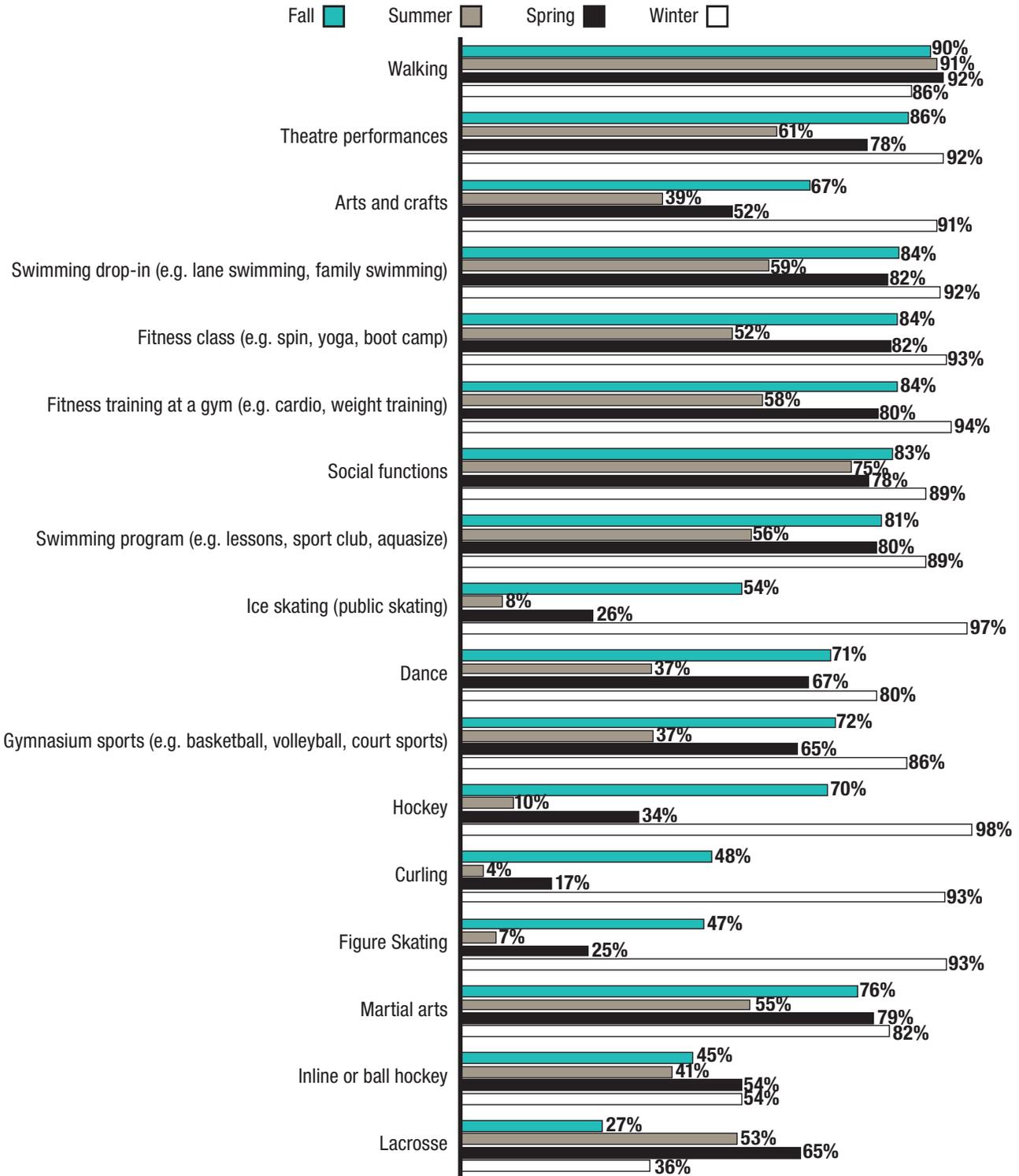


Favourite Indoor Activities by Season

Of households that participated in walking indoors, at least 86% did so in each of the four seasons. Winter is the most popular season for many of the indoor activities including theatre performances (92%) and arts and crafts (91%).

Favourite Indoor Activities by Season

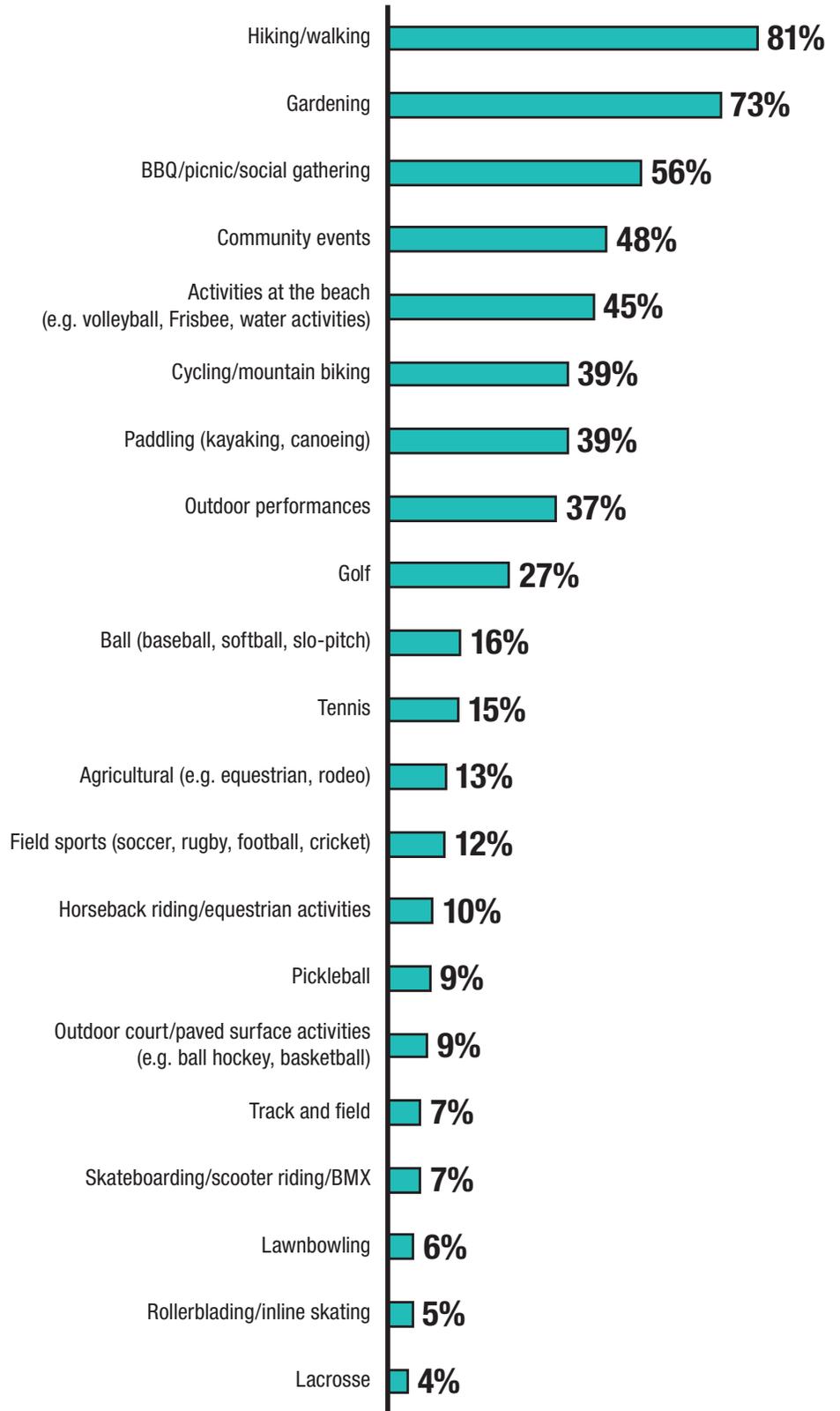
Of households that participated in the activity, #% participated in this season.



Favourite Recreation Activities: Outdoor

When asked about favourite outdoor recreation activities, hiking/walking (81%), gardening (73%), and BBQ/picnic/social gathering (56%) were favoured by over half of respondents. Community events (48%) and activities at the beach (45%) rounded off the top five favoured outdoor recreation activities.

Favourite Recreation Activities: Outdoor

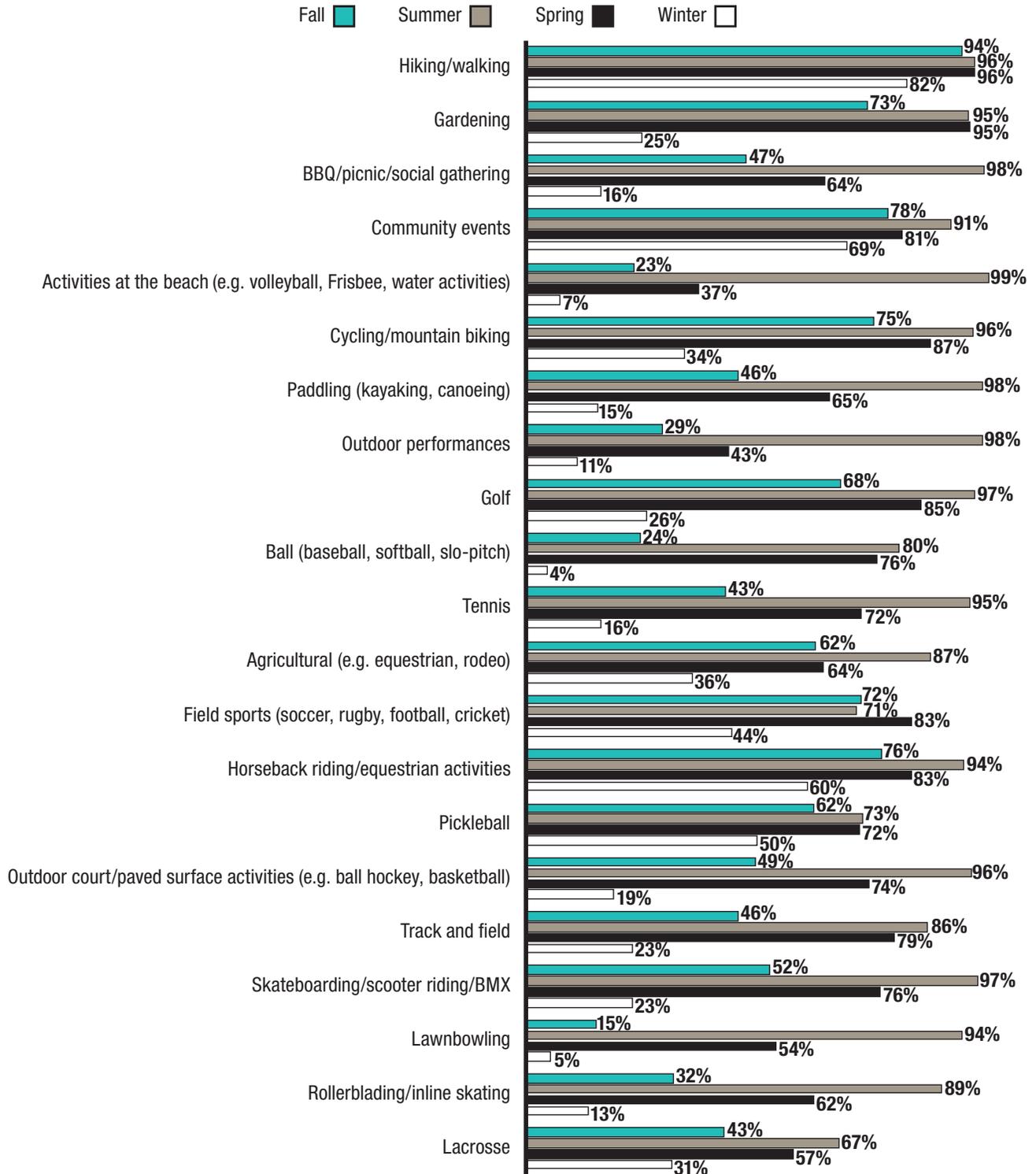


Favourite Outdoor Activities by Season

Summer is the most popular season for all of the outdoor activities with the exception of field sports (fall). Of households that participated in hiking/walking, 82% engage in the activity during the winter which is highest among outdoor winter activities.

Favourite Outdoor Activities by Season

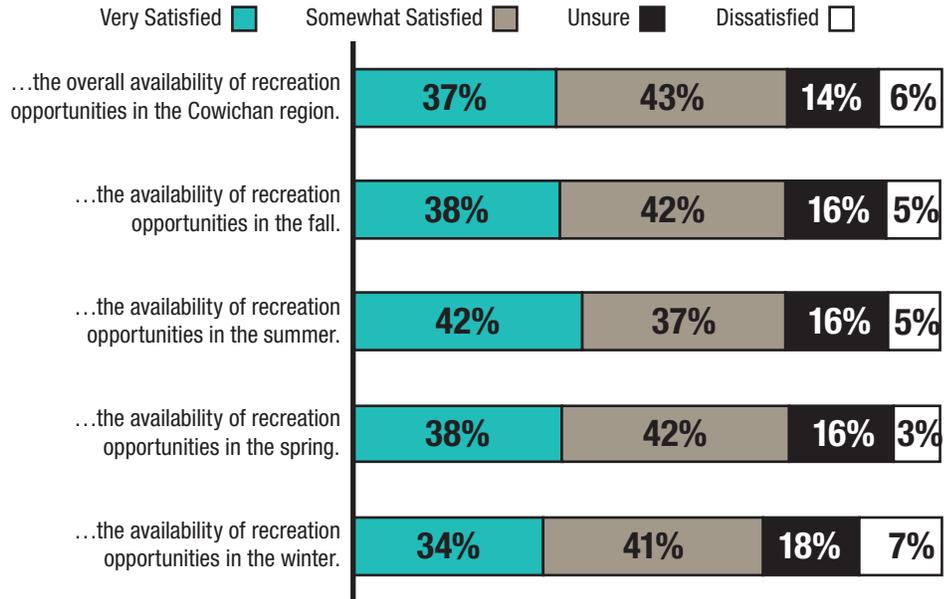
Of households that participated in the activity, #% participated in this season.



Satisfaction with the Availability of Recreation Opportunities

Respondents were asked to indicate their household’s overall level of satisfaction with the overall availability of recreation opportunities in the Cowichan region as well as the availability of recreation opportunities in the each season. Overall, 80% of households are satisfied to some extent with the overall availability of recreation opportunities in the region. Satisfaction levels are fairly consistent among the four seasons; however, the availability of summer opportunities received the highest amount of satisfaction (42% very satisfied and 37% somewhat satisfied). *Please note that percentages are rounded to the nearest whole number and may not always appear to add to 100%.*

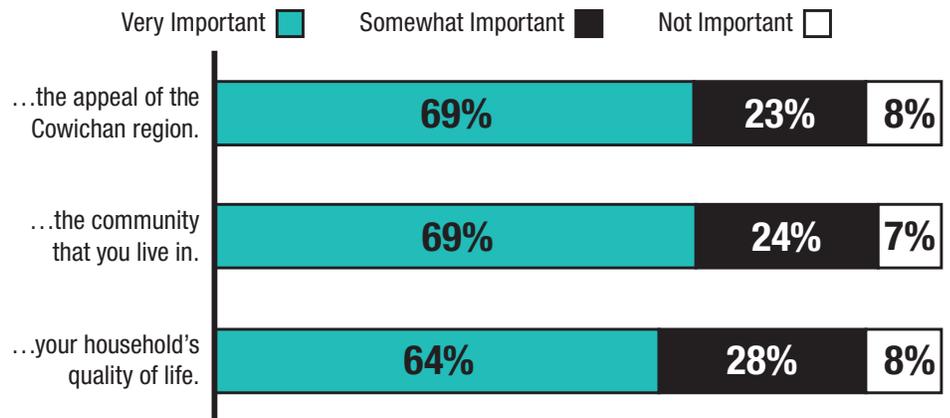
**Please Indicate Your Household’s Overall Levels of Satisfaction With...**



Importance of Recreation Opportunities

Nearly two-thirds (64%) of households believe that recreation opportunities are very important to their household’s quality of life while 69% believe that recreation opportunities are very important to both the community that they live in and the appeal of the Cowichan region. Approximately one-quarter believe that recreation opportunities are somewhat important to these three elements.

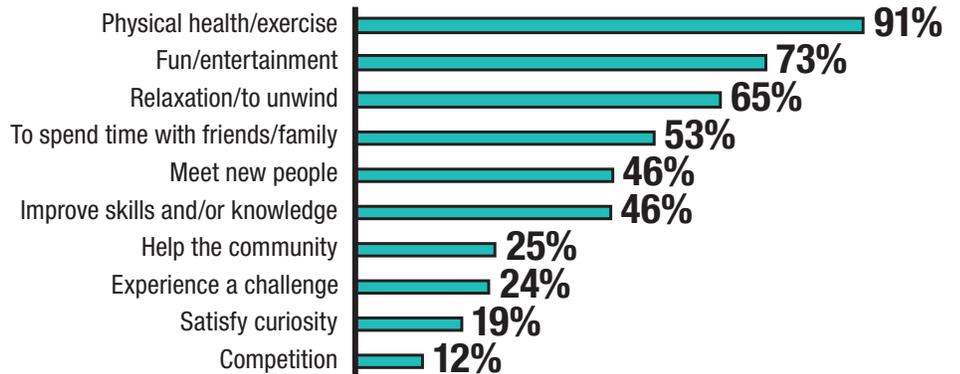
**How Important are Recreation Opportunities to...**



Main Reasons for Participating in Recreation

The top main reasons why household members participate in recreation and related activities is for physical health/exercise (91%). This reason is followed by fun/entertainment (73%) and to relax/unwind (65%). Competition (12%) was the lowest selected reason among available options.

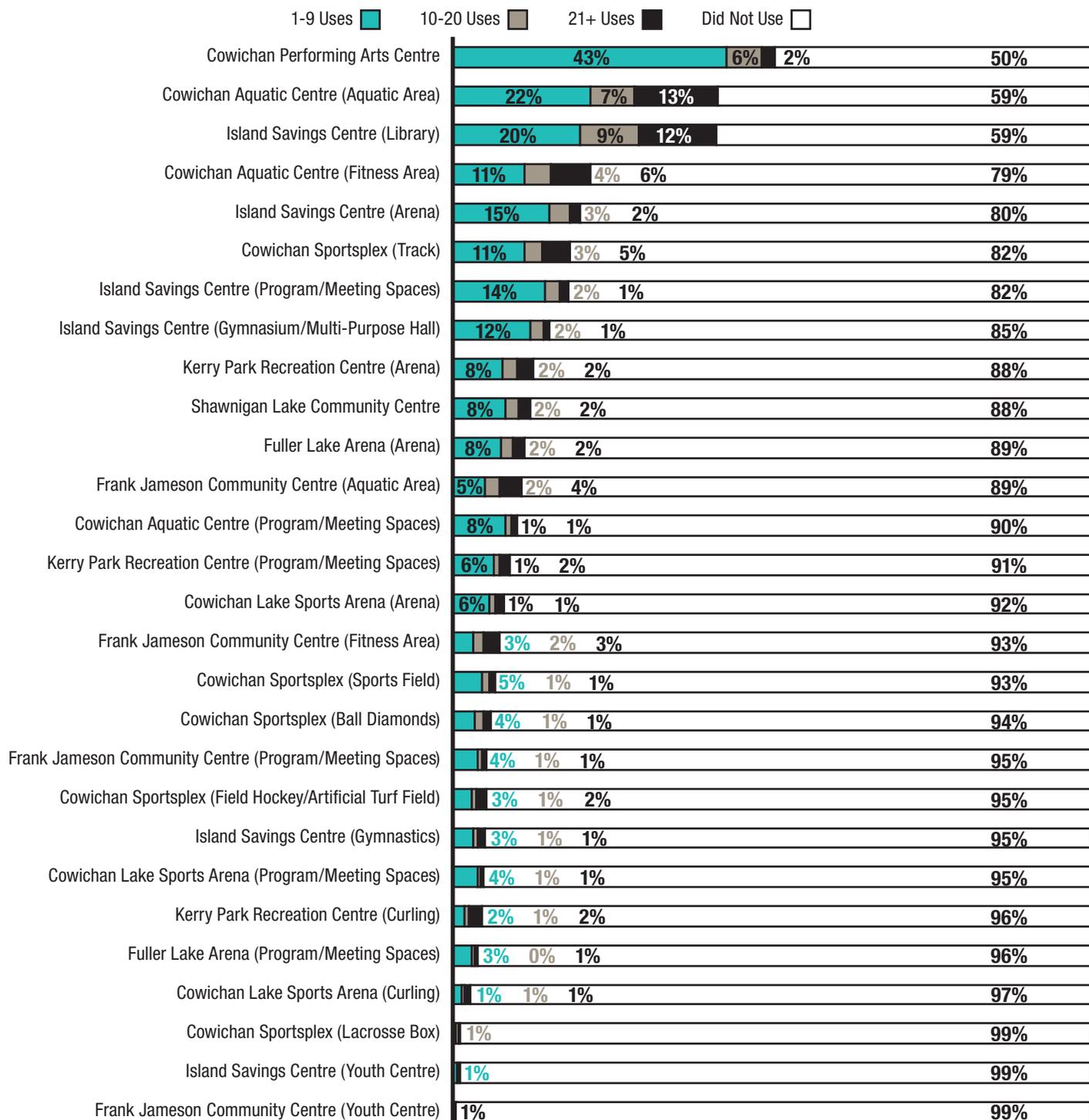
**Main Reasons for Participating in Recreation and Related Activities**



## Frequency of Use: Major Facilities

From the list of major facilities identified below, respondents were asked to indicate how often members of their household have used each in the previous 12 months (estimated total visits by household members). Half (50%) of households visited the Cowichan Performing Arts Centre at least once in the previous year including 8% who used it over nine times. The next most used facilities in the past year, in terms of at least one visit, were the Cowichan Aquatic Centre and the library at the Island Savings Centre. These two facilities also had the highest amount of 21+ time visitors. To see the filtered responses by jurisdiction, please refer to the appendices.

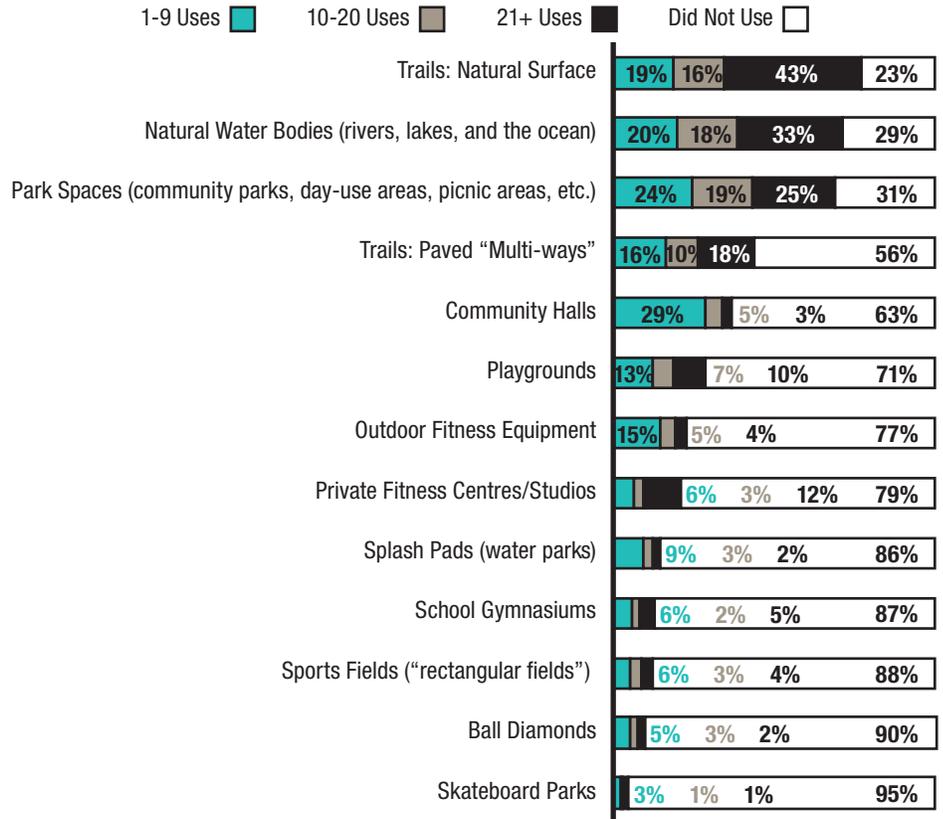
### Frequency of Use: Major Facilities



Frequency of Use:  
Other Recreation Spaces

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the adjacent list, respondents were asked to identify how frequently household members have used each amenity type in the previous 12 months (estimated total visits by household members). Natural surface trails were used by over three-quarters (77%) of households including 43% that used them over 21 times. Natural water bodies were used by 71% of households and park spaces were used by 69%.

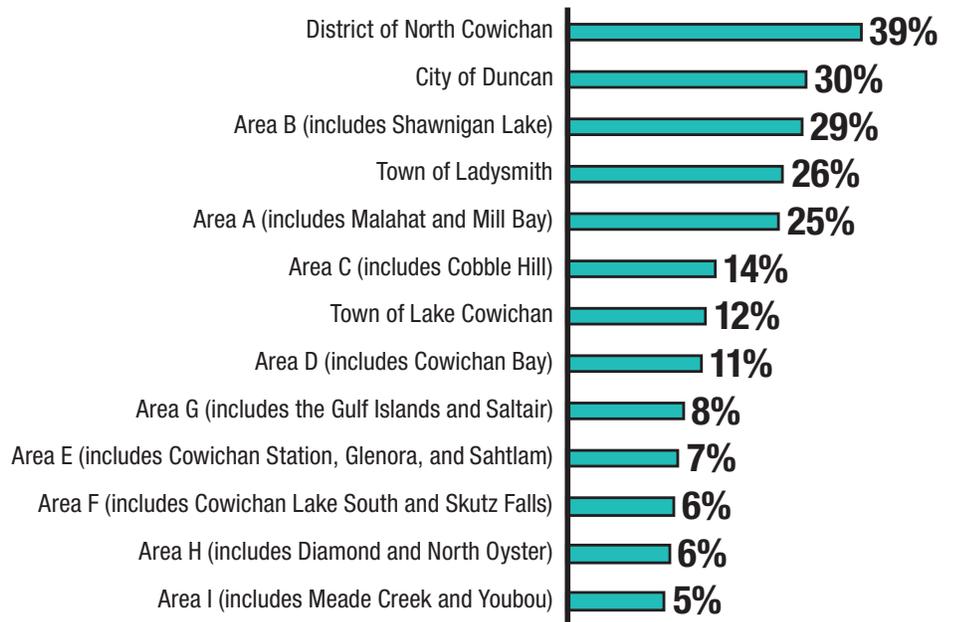
Frequency of Use: Other Recreation Spaces



Location of Use

For each amenity type that a household used in the past year, the household was asked to identify where they used the amenity. The percentages are a subsegment of the households that actually use the amenity. For example, of households that used ball diamonds, 39% used ball diamonds within the District of North Cowichan. Please refer to the following graphs for more detail on each amenity type.

Ball Diamonds

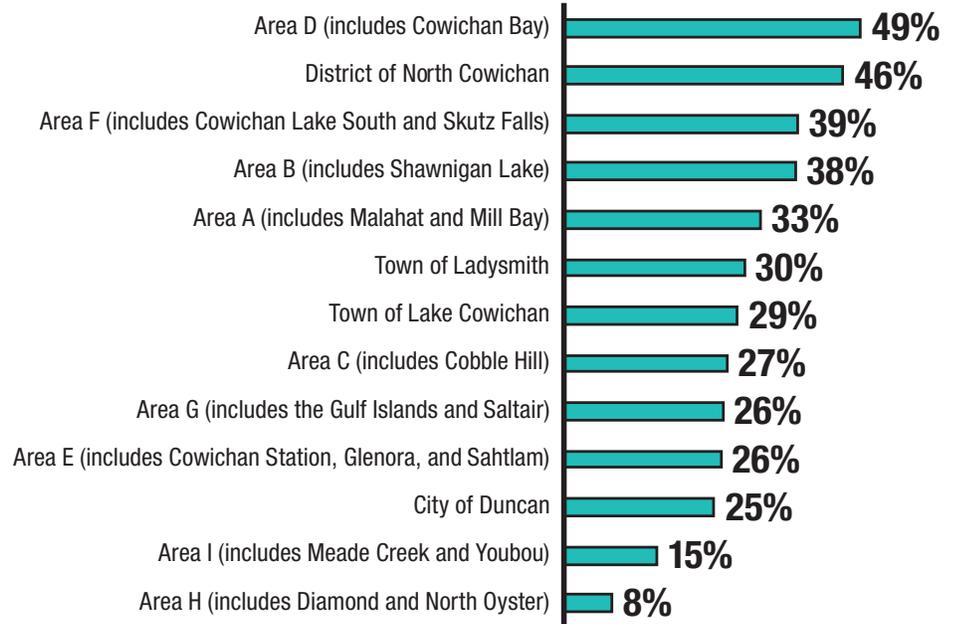


Location of Use (Continued)

Of households that used natural water bodies, 49% did so within Area D.

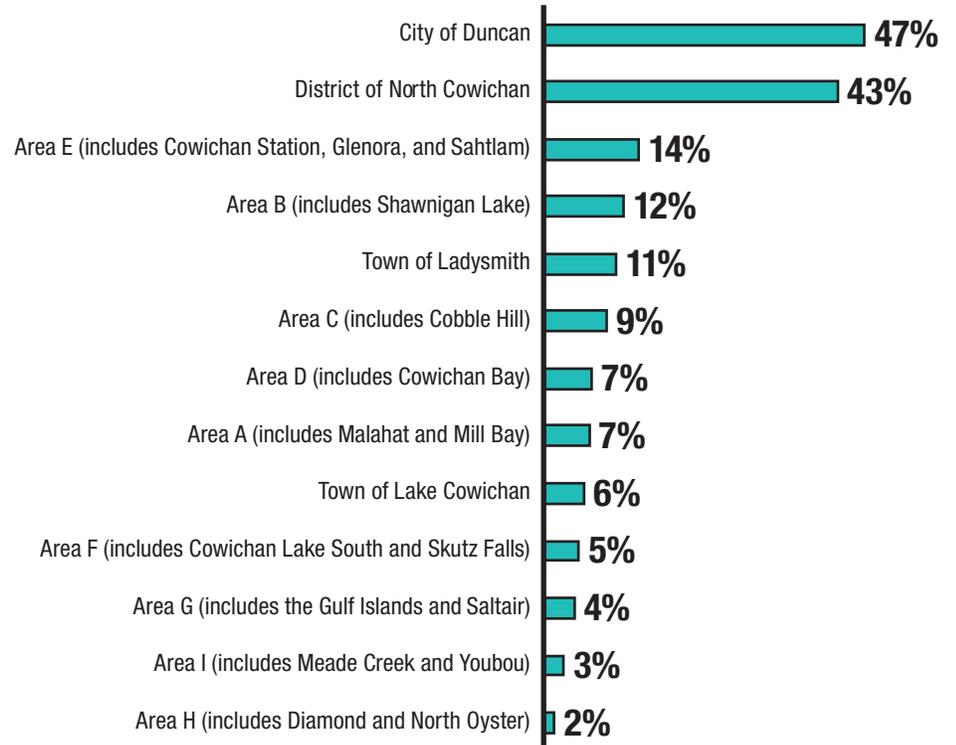
Natural Water Bodies

Rivers, Lakes, and the Ocean



Duncan was the most utilized jurisdiction for outdoor fitness equipment (47%)

Outdoor Fitness Equipment

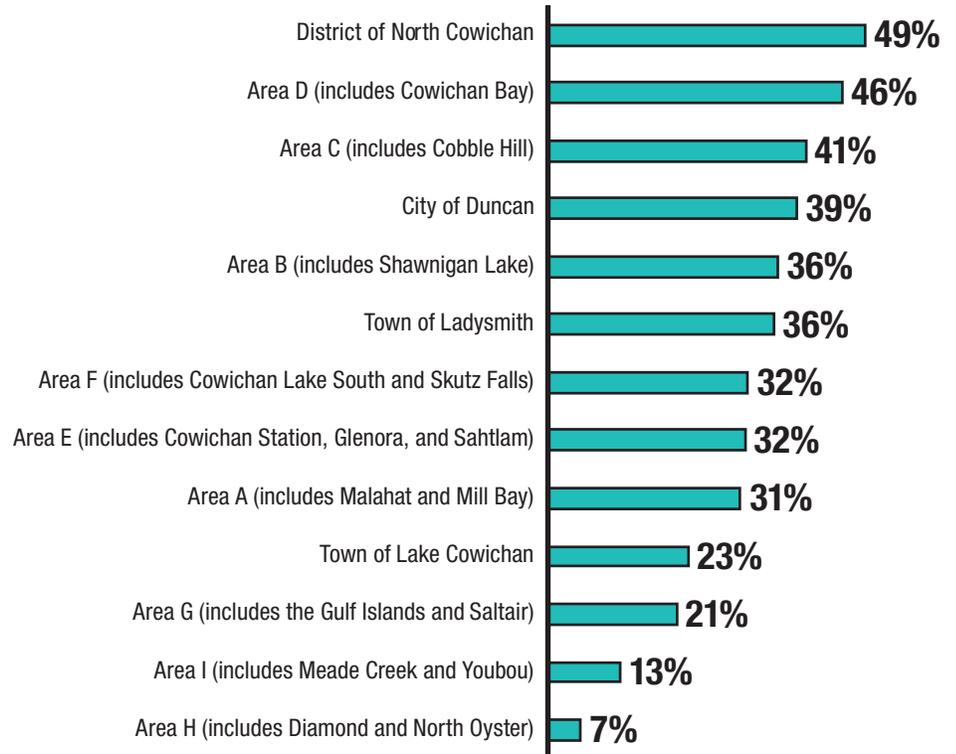


Location of Use (Continued)

Of households that used park spaces, 49% did so within the District of North Cowichan.

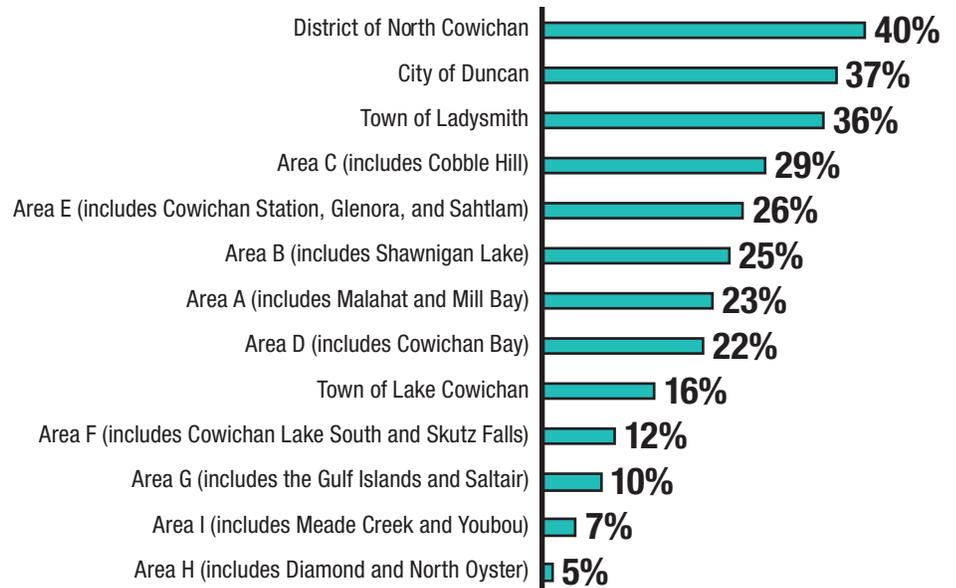
Park Spaces

Community Parks, Day-use Areas, Picnic Areas, etc.



The most playground usage came from North Cowichan, Duncan, and Ladysmith.

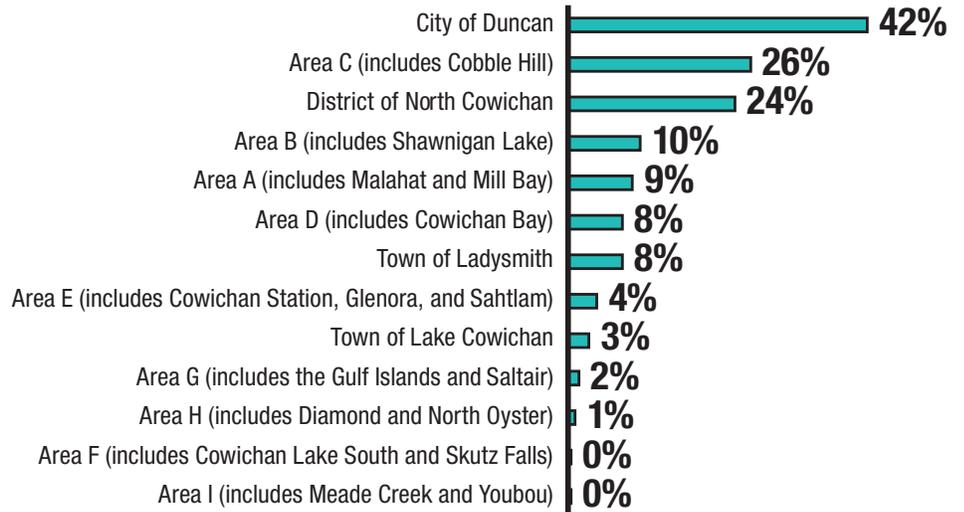
Playgrounds



Location of Use (Continued)

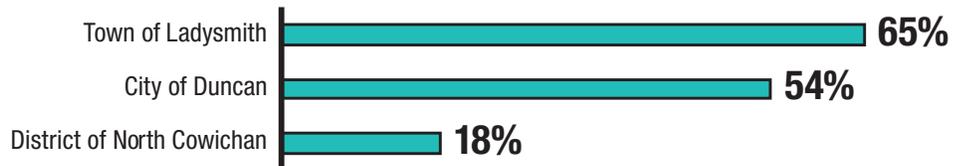
Of households that used private fitness centres, 42% did so in Duncan.

Private Fitness Centres/Studios



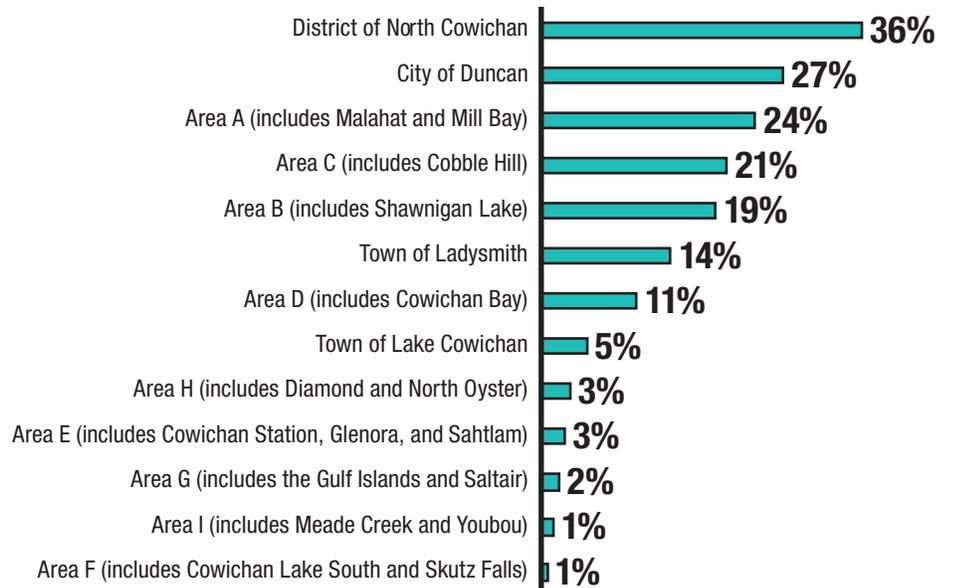
Two-thirds (65%) of residents who used splash pads used the one in Ladysmith.

Splash Pads (Water Parks)



Of households that used school gymnasiums, 36% did so in North Cowichan.

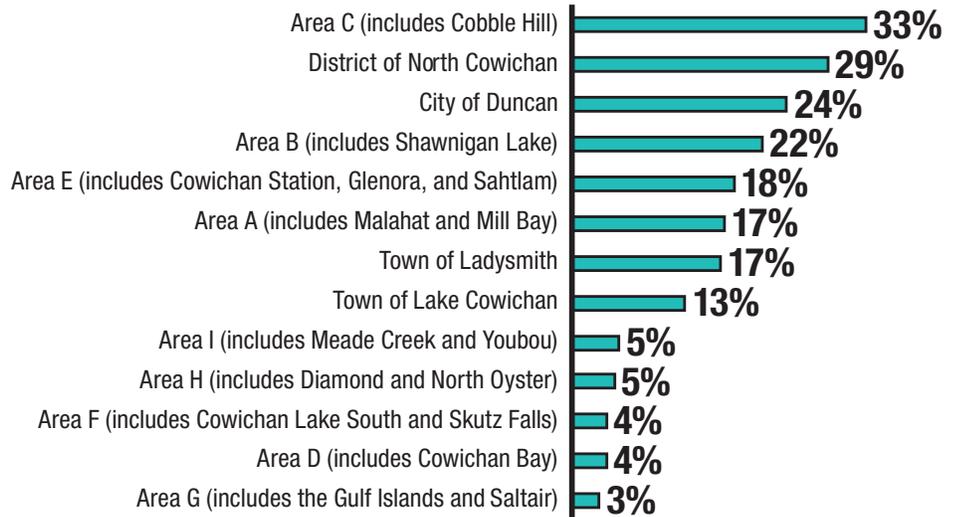
School Gymnasiums



Location of Use (Continued)

One-third (33%) of residents who used community halls used one in Area C.

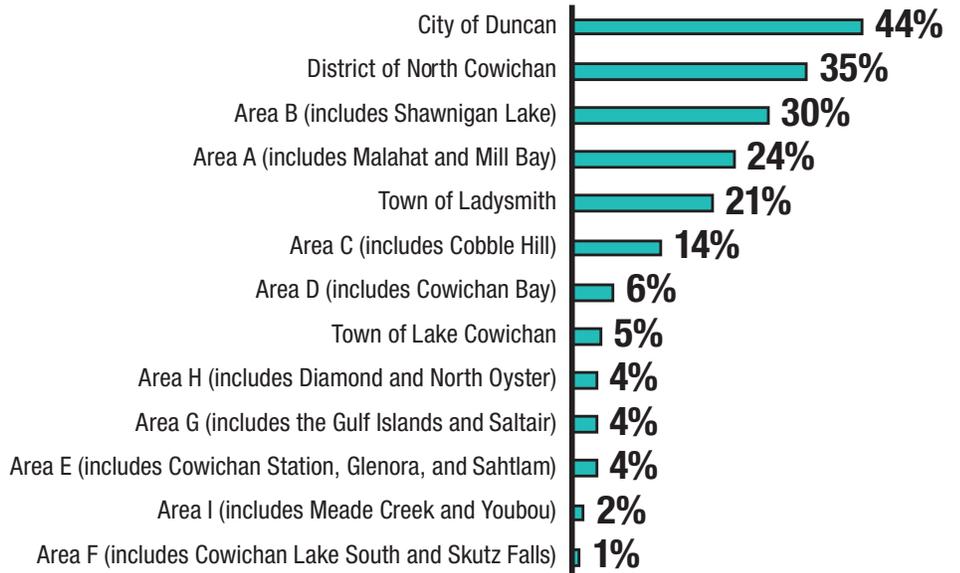
Community Halls



Of households that used sports fields, 44% did so in Duncan.

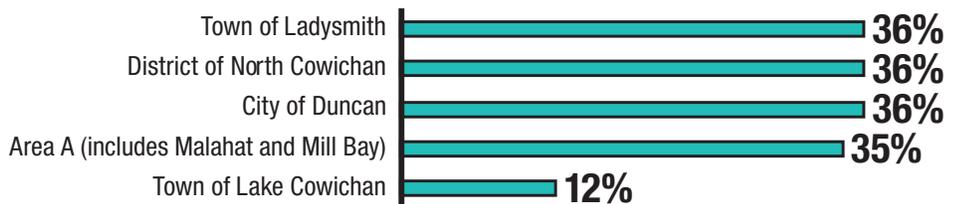
Sports Fields

“Rectangular Fields”



Just over one-third (36%) of residents who used skateboard parks used the one in Ladysmith, North Cowichan, and/or Duncan.

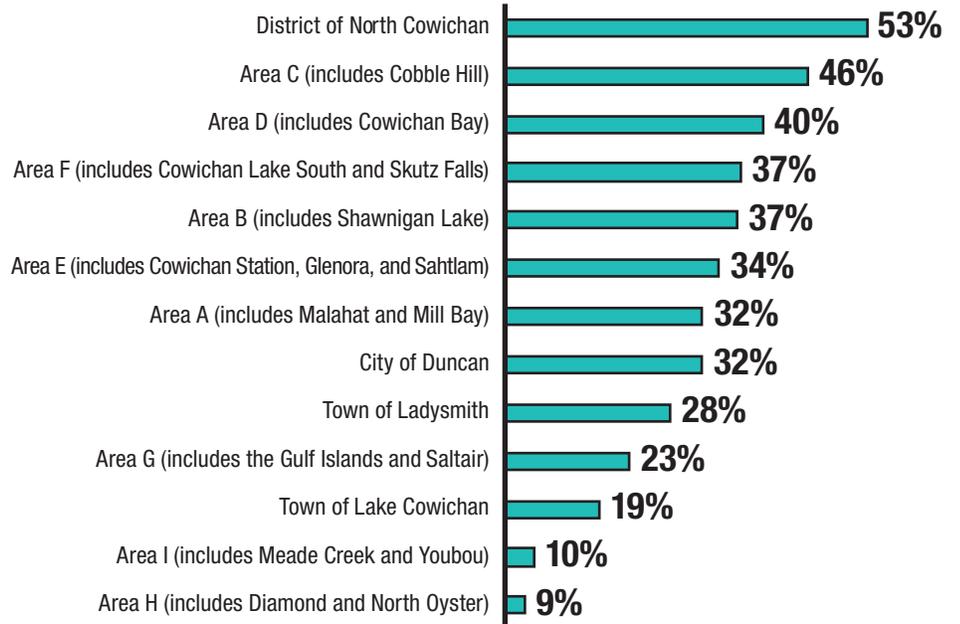
Skateboard Parks



Location of Use (Continued)

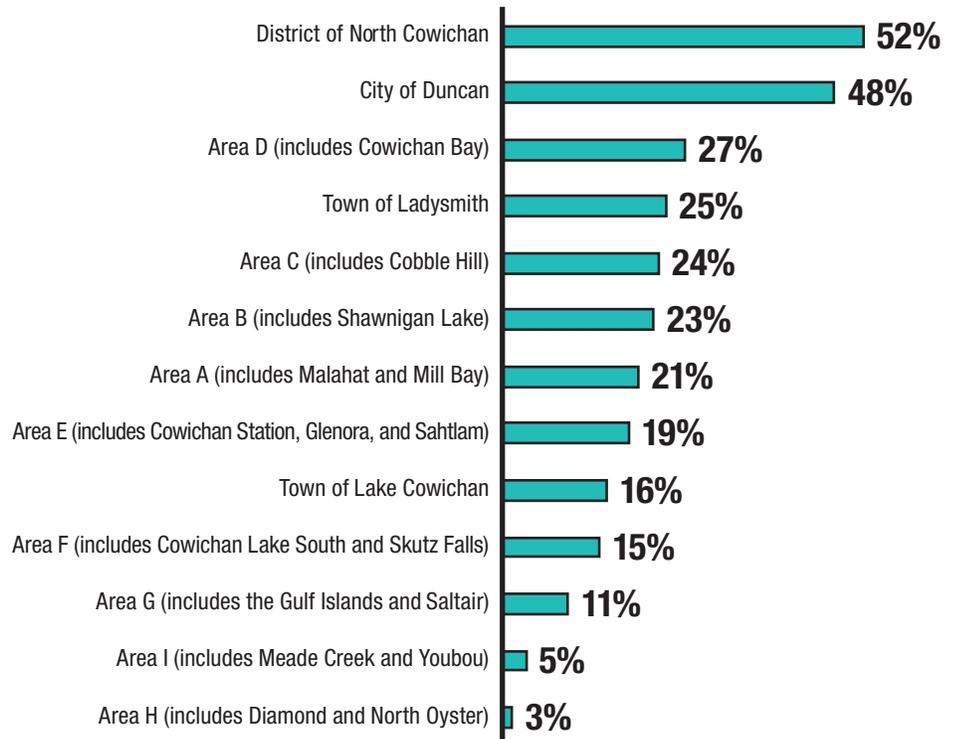
Over half (53%) of households that used natural surface trails used them in North Cowichan and 46% did so in Area C.

Trails: Natural Surface



Over half (53%) of households that used paved multiways used them in North Cowichan and 48% utilized ones in Duncan.

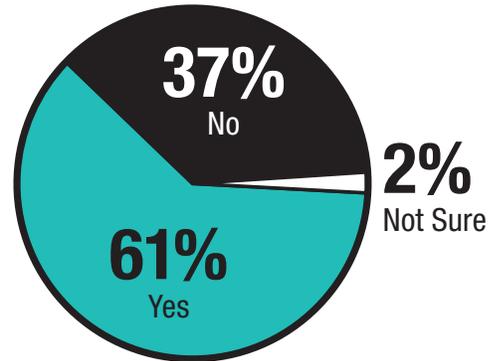
Trails: Paved "Multi-ways"



Travel Outside of Region to Recreate

Sixty-one percent (61%) of households travel outside of the Cowichan region to participate in recreation activities.

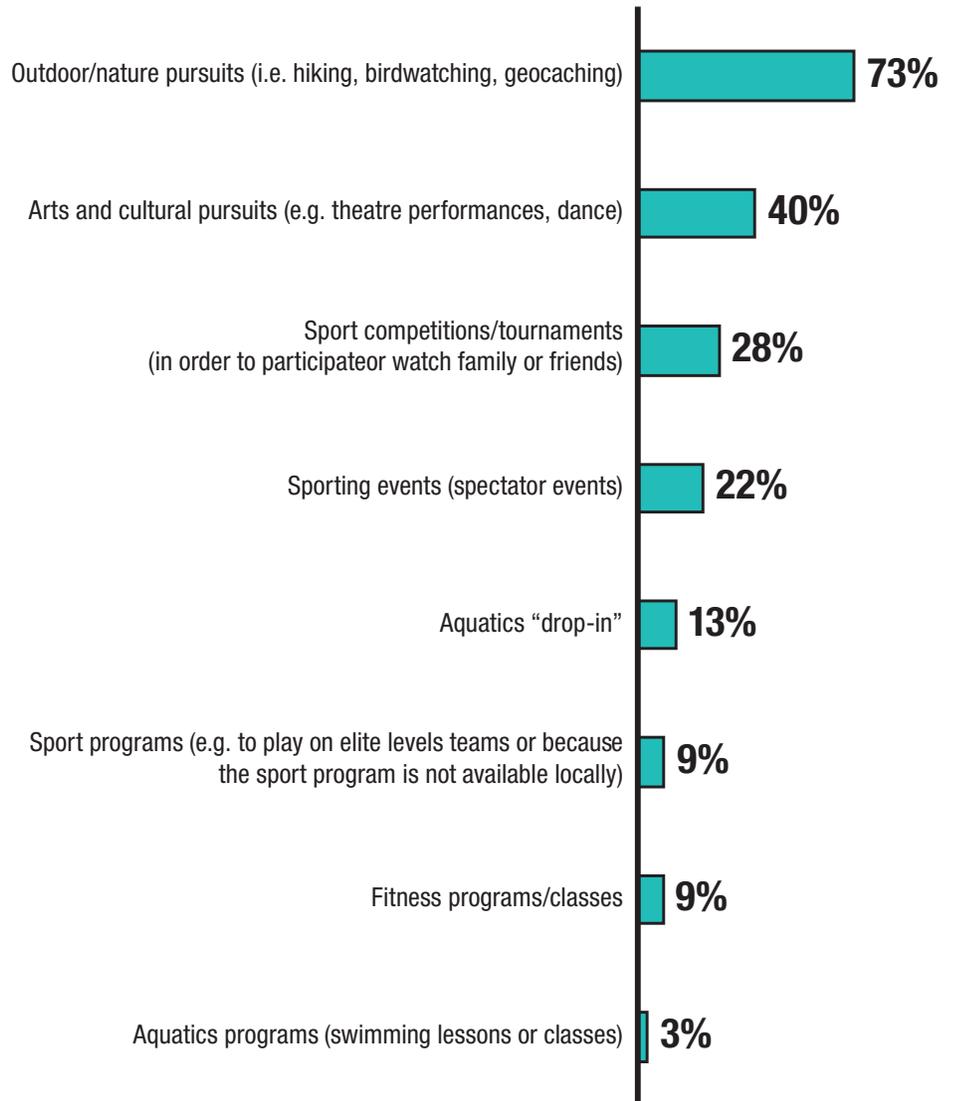
Does your household travel outside of the Cowichan region to participate in recreation activities?



Activities Travelled For

Of the households that do travel outside of the Cowichan region to participate in recreation, 73% do so to participate in outdoor/nature pursuits and 40% travel to participate in arts and cultural pursuits.

Activity Types That Households Travel Outside of the Cowichan Region to Participate In



## Programming Needs

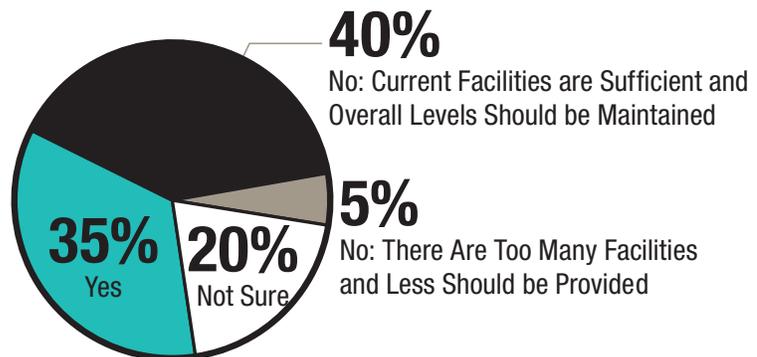
From the categories of recreation opportunities listed below, respondents were asked to select those that they think should be more readily available and/or improved for each age group. Overall, the most selected age group was adults and the most selected program type was outdoor education and skill development. Summer activity camps was the top need for children (10%), youth (21%) and teens (19%). The top programming need for adults and seniors was dry-land fitness programs (26% each).

| Program Type   | Children<br>(0-5 Years) | Youth<br>(6-12 Years) | Teens<br>(13-18 Years) | Adults<br>(19-64 Years) | Seniors<br>(65+ Years) | No Additional<br>Opportunities Required |
|--|-------------------------|-----------------------|------------------------|-------------------------|------------------------|---|
| Outdoor education and skill development<br>(e.g. hiking, fishing, survival)  | 6%                      | 15%                   | 19%                    | 24%                     | 17%                    | 18%                                     |
| Personal wellness<br>(e.g. healthy eating and nutrition classes)   | 5%                      | 10%                   | 14%                    | 23%                     | 23%                    | 25%                                     |
| Community and social events  | 7%                      | 10%                   | 14%                    | 22%                     | 22%                    | 26%                                     |
| General recreation programming<br>(non-competitive sport and leisure activities)   | 7%                      | 10%                   | 13%                    | 21%                     | 22%                    | 27%                                     |
| Visual arts<br>(e.g. crafts, painting, pottery)  | 6%                      | 11%                   | 12%                    | 20%                     | 21%                    | 30%                                     |
| Performing arts<br>(e.g. dance, theatre)   | 7%                      | 11%                   | 12%                    | 20%                     | 21%                    | 30%                                     |
| Dry-land fitness programs<br>(e.g. fitness classes, spin classes, yoga)  | 3%                      | 5%                    | 9%                     | 26%                     | 26%                    | 32%                                     |
| Multi-generational programming<br>(opportunities for multiple age groups to<br>integrate and participate in activities together) | 9%                      | 11%                   | 13%                    | 16%                     | 18%                    | 32%                                     |
| Aquatics programs<br>(e.g. lessons, aqua-fitness classes)  | 9%                      | 11%                   | 10%                    | 17%                     | 19%                    | 34%                                     |
| Aquatics drop-in opportunities<br>(e.g. lane swim, public swim)  | 7%                      | 9%                    | 9%                     | 20%                     | 19%                    | 36%                                     |
| Summer activity camps  | 10%                     | 21%                   | 19%                    | 5%                      | 4%                     | 41%                                     |
| Drop-in sports<br>(e.g. shinny hockey, drop-in basketball)   | 3%                      | 11%                   | 16%                    | 16%                     | 7%                     | 48%                                     |
| Organized sport leagues  | 5%                      | 11%                   | 13%                    | 14%                     | 7%                     | 50%                                     |

## New/Enhanced Recreation Facilities

Just over one-third (35%) of respondents believe that there is a need for new and/or enhanced recreation facilities to be developed in the Cowichan region. Forty percent (40%) believe that current facilities are sufficient and overall levels should be maintained and 5% believe that there are too many facilities and that less should be provided.

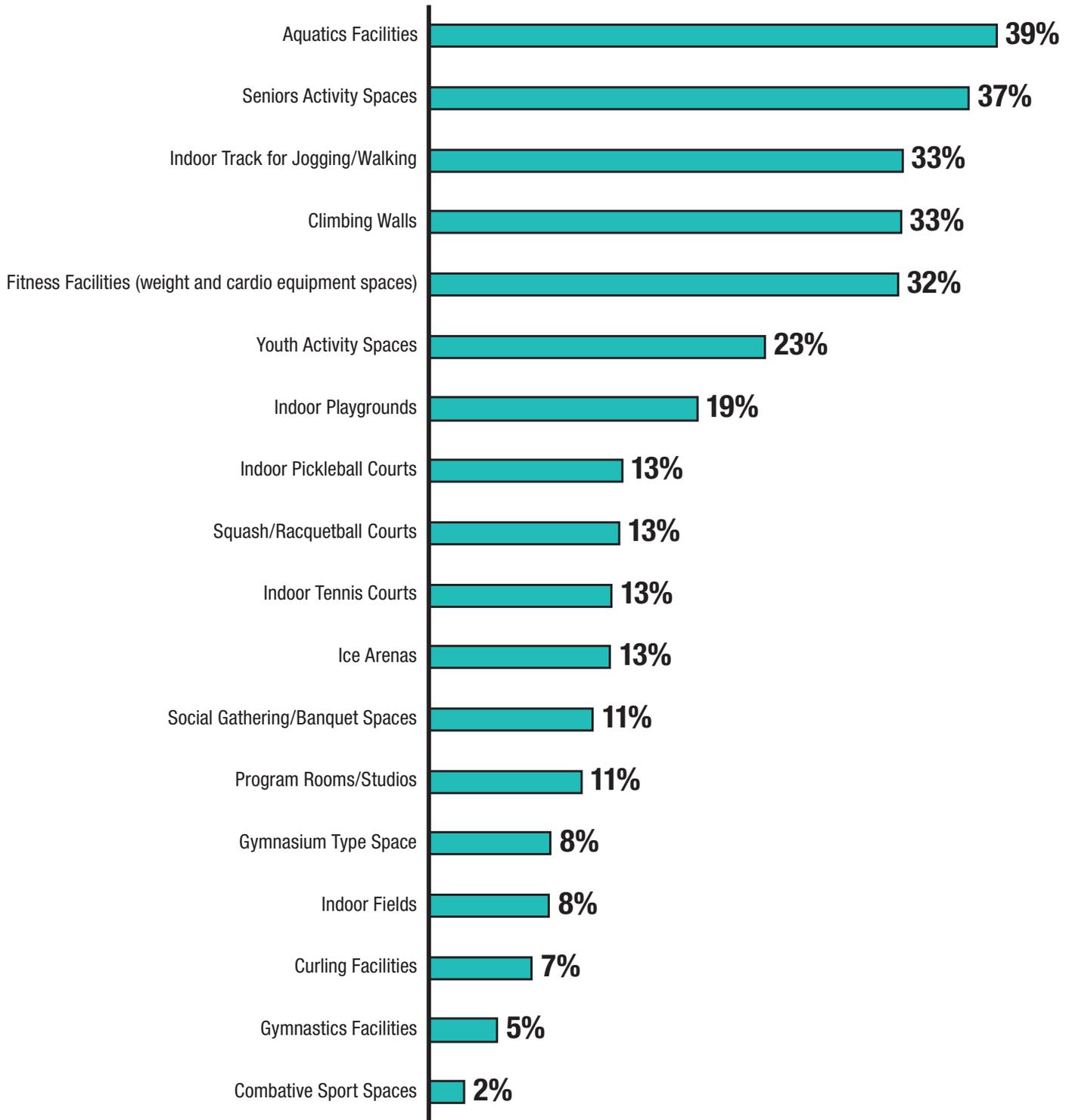
### Is there a need for new and/or enhanced recreation facilities to be developed in the Cowichan region?



Indoor Priorities

Those who responded yes or not sure were subsequently asked to identify up to five indoor and up to five outdoor recreation facility types that they believe should be a priority for enhanced provision in the Cowichan region (enhanced provision could occur through new development and/or upgrades to existing facilities). Aquatics facilities (39%) and seniors' activity spaces (37%) were the top two indoor needs followed by indoor tracks (33%), climbing walls (33%), and fitness facilities (32%).

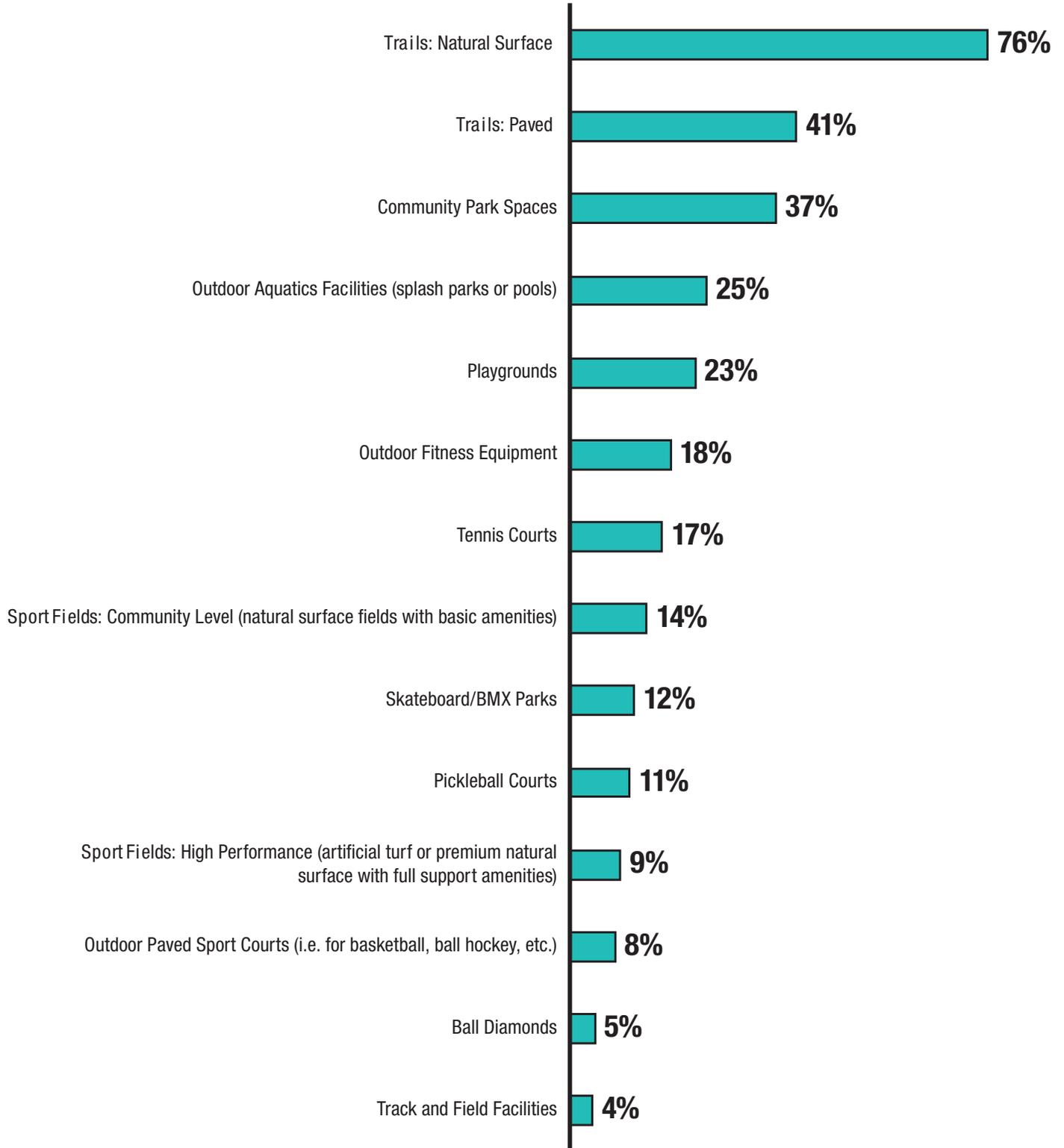
INDOOR Priorities



Outdoor Priorities

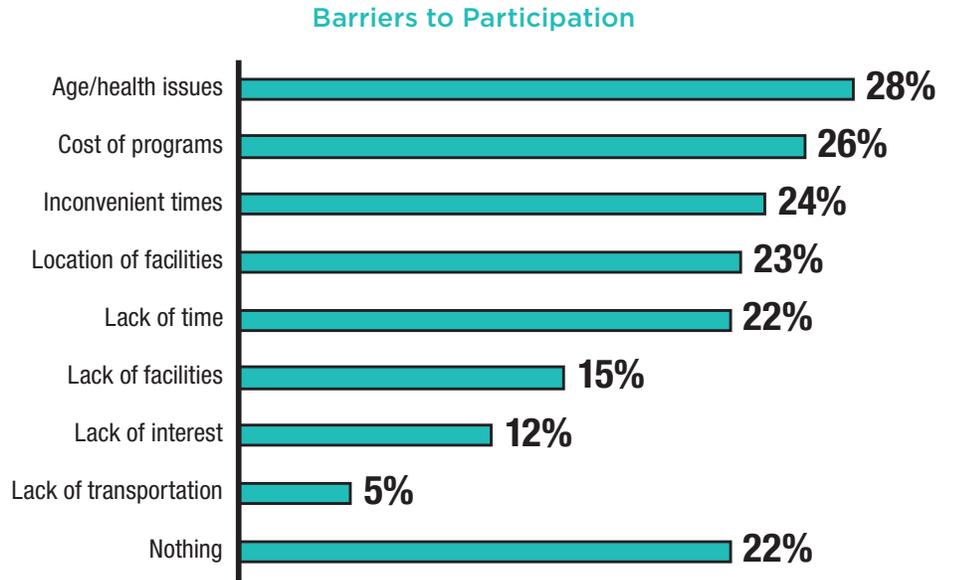
In regard to outdoor spaces, the top priorities were trails, both natural surface (76%) and paved (41%). Community park spaces were selected by 37% of respondents and outdoor aquatics facilities were identified by one-quarter (25%).

OUTDOOR Priorities



Barriers to Participation

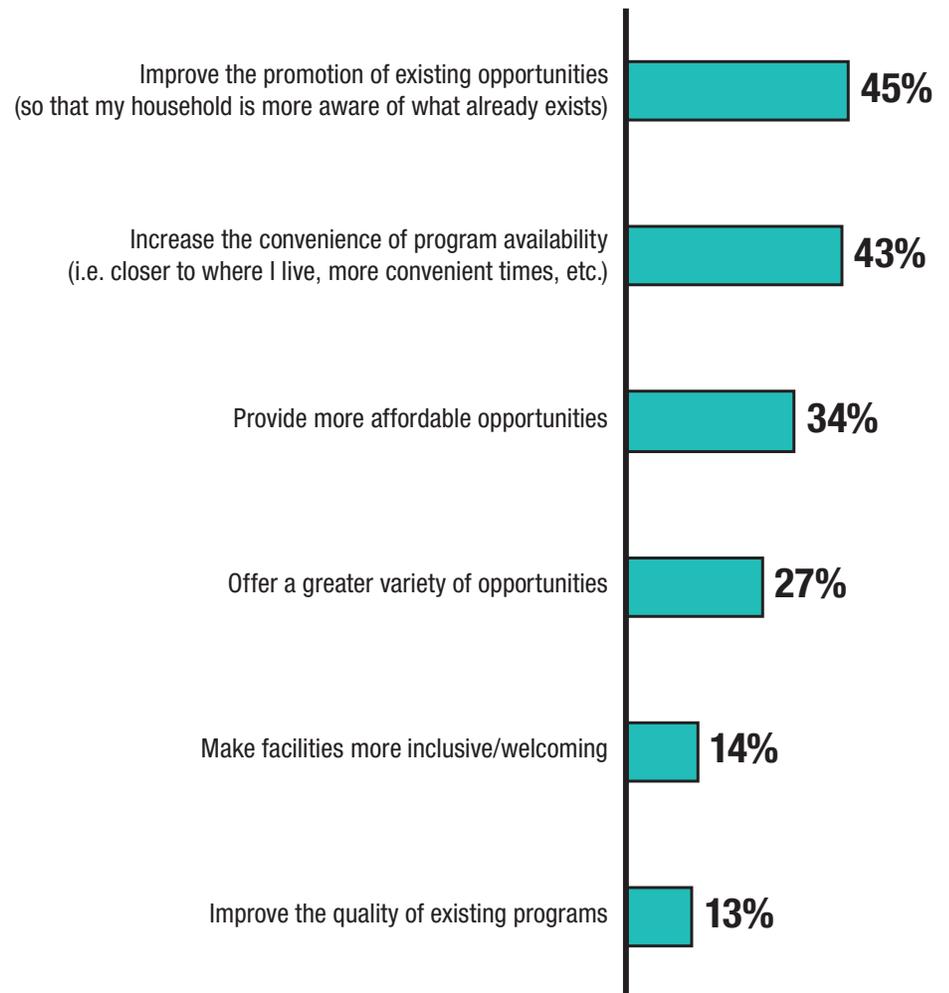
Households were asked what, if anything, limits them from participating in recreation opportunities. The top barriers included age/health (28%), cost of programs (26%), inconvenient times (24%) and location of facilities (23%). Twenty-two percent (22%) do not face any participation barriers.



Increasing Participation

Subsequently, respondents were asked what the Cowichan Valley Regional District and its partner municipalities could do to increase their household's participation in recreation and leisure. Nearly half (45%) of respondents indicated that the promotion of existing opportunities could be improved. Increasing the convenience of program availability was also mentioned by 43% of households.

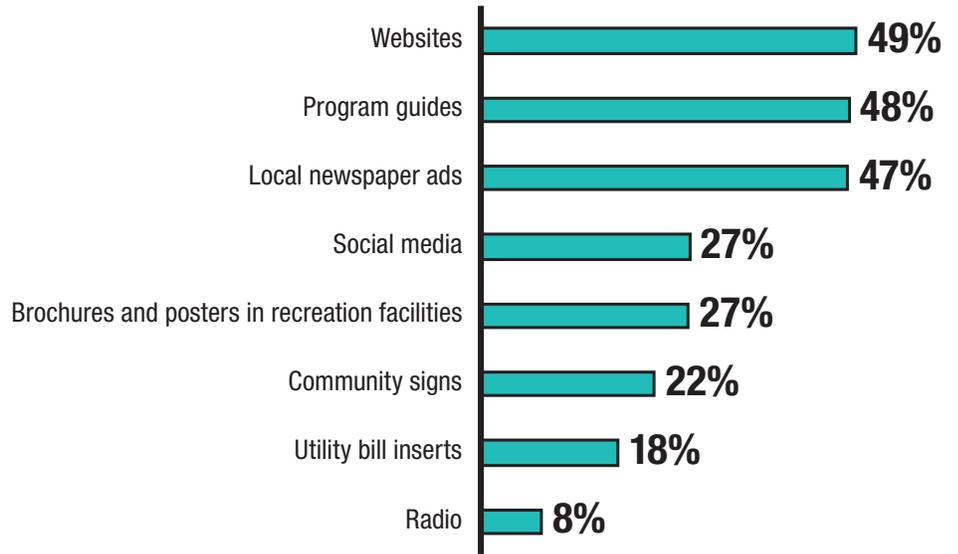
**How the CVRD and Partner Municipalities Can Increase Participation**



Communication Methods

Respondents were asked to identify up to three ways to best get information to their household about recreation. Nearly half of respondents selected websites (49%), program guides (48%), and local newspaper ads (47%).

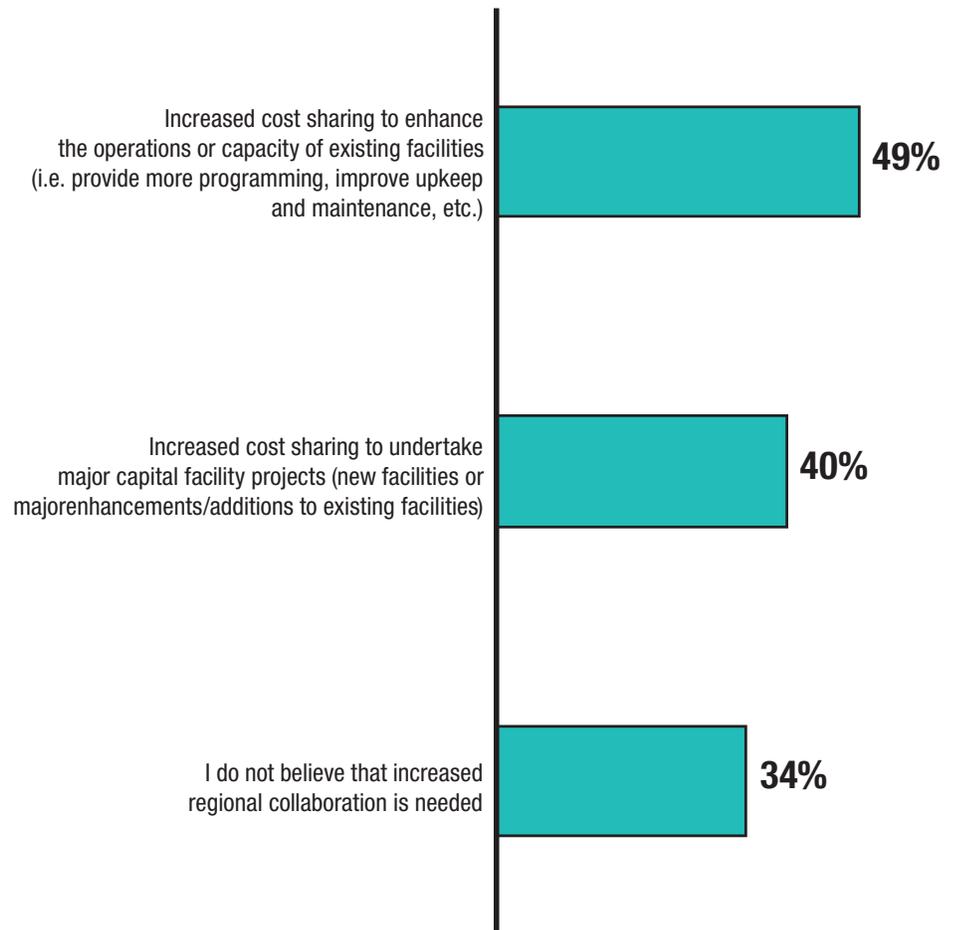
**Communication Methods**



Opportunities for Increased Regional Collaboration

Lastly, respondents were asked what opportunities for increased regional collaboration in the delivery of recreation services should be further explored between the different jurisdictions (electoral areas and local governments) in the Cowichan region. Nearly half (49%) were in favour of increased cost sharing to enhance the operations or capacity of existing facilities and 40% suggested increased cost sharing to undertake major capital facility projects. One-third (34%) do not believe that increased regional collaboration is needed.

**Opportunities for Increased Regional Collaboration**



### Demographic Profile

| Do you own or rent your primary residence? | %   |
|--|-----|
| Own  | 94% |
| Rent                                       | 6%  |

| How long have you lived in the Cowichan region? | %   |
|---|-----|
| Less than 5 years                               | 21% |
| 5 to 10 years                                   | 15% |
| More than 10 years                              | 64% |

| Do you expect to be residing in the Cowichan region for the next five years? | %   |
|--|-----|
| Yes  | 95% |
| No   | 1%  |
| Unsure   | 5%  |

| Please describe your household by recording the number of members in each of the following age groups. | %   |
|--|-----|
| Age 0-4 Years  | 3%  |
| Age 5-9 Years  | 4%  |
| Age 10-19 Years  | 8%  |
| Age 20-29 Years  | 5%  |
| Age 30-39 Years  | 7%  |
| Age 40-49 Years  | 8%  |
| Age 50-59 Years  | 17% |
| Age 60-69 Years  | 29% |
| Age 70-79 Years  | 15% |
| Age 80+ Years  | 4%  |

### Results by Jurisdiction

The following is a summary of results by jurisdiction.<sup>1</sup>

#### Overall Satisfaction with Availability of Recreation Opportunities

- Highest levels of satisfaction: Area G (87%), Duncan (85%), North Cowichan (85%), and Area E (84%)
- Lowest levels of satisfaction: Area I (61%), Lake Cowichan (61%), and Area F (72%)

#### Importance of Recreation to Household's Quality of Life

- Highest levels of importance: Area F (100%), Ladysmith (95%), Area E (95%), and Area A (95%)
- Lowest levels of importance: Area H (74%) and Area I (83%)

#### Travelling Outside the Region for Recreation

- Most likely to travel outside of region: Area F (86%), Area B (72%), and Area H (71%)
- Least likely to travel outside of region: Area I (48%), Duncan (56%), and Lake Cowichan (58%)

#### Need for New/Enhanced Facilities

- Highest level of "yes" there is a need for new/enhanced facilities: Area F (50%), Area B (49%), and Area A (48%)
- Lowest level of "yes" there is a need for new/enhanced facilities: Area G (19%), Area H (21%), and Area C (28%)

<sup>1</sup> Complete results broken down by jurisdiction are presented in the Appendix.



## Top Three Indoor and Outdoor Priorities for each Jurisdiction

| Area A |                         |         |                         |
|--------|-------------------------|---------|-------------------------|
| Indoor |                         | Outdoor |                         |
| 1.     | Aquatics Facilities     | 1.      | Trails: Natural Surface |
| 2.     | Seniors Activity Spaces | 2.      | Trails: Paved           |
| 3.     | Fitness Facilities      | 3.      | Community Park Spaces   |

| Area B |                     |         |   |
|--------|---------------------|---------|---|
| Indoor |                     | Outdoor |   |
| 1.     | Aquatics Facilities | 1.      | Trails: Natural Surface                             |
| 2.     | Fitness Facilities  | 2.      | Community Park Spaces                               |
| 3.     | Climbing Walls      | 3.      | Outdoor Aquatics Facilities (splash parks or pools) |

| Area C |                         |         |                         |
|--------|-------------------------|---------|-------------------------|
| Indoor |                         | Outdoor |                         |
| 1.     | Aquatics Facilities     | 1.      | Trails: Natural Surface |
| 2.     | Seniors Activity Spaces | 2.      | Trails: Paved           |
| 3.     | Fitness Facilities      | 3.      | Tennis Courts           |

| Area D |                         |         |                         |
|--------|-------------------------|---------|-------------------------|
| Indoor |                         | Outdoor |                         |
| 1.     | Climbing Walls          | 1.      | Trails: Natural Surface |
| 2.     | Aquatics Facilities     | 2.      | Trails: Paved           |
| 3.     | Seniors Activity Spaces | 3.      | Community Park Spaces   |

| Area E |                                  |         |                         |
|--------|----------------------------------|---------|-------------------------|
| Indoor |                                  | Outdoor |                         |
| 1.     | Indoor Track for Jogging/Walking | 1.      | Trails: Natural Surface |
| 2.     | Climbing Walls                   | 2.      | Trails: Paved           |
| 3.     | Seniors Activity Spaces          | 3.      | Community Park Spaces   |

| Area F |                                  |         |                           |
|--------|----------------------------------|---------|---------------------------|
| Indoor |                                  | Outdoor |                           |
| 1.     | Climbing Walls                   | 1.      | Trails: Natural Surface   |
| 2.     | Indoor Track for Jogging/Walking | 2.      | Outdoor Fitness Equipment |
| 3.     | Youth Activity Spaces            | 3.      | Playgrounds               |

| Area G |                                  |         |                         |
|--------|----------------------------------|---------|-------------------------|
| Indoor |                                  | Outdoor |                         |
| 1.     | Seniors Activity Spaces          | 1.      | Trails: Natural Surface |
| 2.     | Indoor Track for Jogging/Walking | 2.      | Community Park Spaces   |
| 3.     | Fitness Facilities               | 3.      | Trails: Paved           |

| Area H |                     |         |                         |
|--------|---------------------|---------|-------------------------|
| Indoor |                     | Outdoor |                         |
| 1.     | Fitness Facilities  | 1.      | Trails: Natural Surface |
| 2.     | Aquatics Facilities | 2.      | Community Park Spaces   |
| 3.     | Climbing Walls      | 3.      | Trails: Paved           |

| Area I |                                  |         |                         |
|--------|----------------------------------|---------|-------------------------|
| Indoor |                                  | Outdoor |                         |
| 1.     | Indoor Track for Jogging/Walking | 1.      | Trails: Natural Surface |
| 2.     | Fitness Facilities               | 2.      | Community Park Spaces   |
| 3.     | Aquatics Facilities              | 3.      | Trails: Paved           |

| Duncan |                                  |         |                         |
|--------|----------------------------------|---------|-------------------------|
| Indoor |                                  | Outdoor |                         |
| 1.     | Seniors Activity Spaces          | 1.      | Trails: Natural Surface |
| 2.     | Indoor Track for Jogging/Walking | 2.      | Trails: Paved           |
| 3.     | Climbing Walls                   | 3.      | Community Park Spaces   |

| North Cowichan |                                  |         |                         |
|----------------|----------------------------------|---------|-------------------------|
| Indoor         |                                  | Outdoor |                         |
| 1.             | Seniors Activity Spaces          | 1.      | Trails: Natural Surface |
| 2.             | Indoor Track for Jogging/Walking | 2.      | Trails: Paved           |
| 3.             | Climbing Walls                   | 3.      | Community Park Spaces   |

| Ladysmith |                                  |         |                         |
|-----------|----------------------------------|---------|-------------------------|
| Indoor    |                                  | Outdoor |                         |
| 1.        | Aquatics Facilities              | 1.      | Trails: Natural Surface |
| 2.        | Indoor Track for Jogging/Walking | 2.      | Trails: Paved           |
| 3.        | Youth Activity Spaces            | 3.      | Community Park Spaces   |

| Lake Cowichan |                         |         |                           |
|---------------|-------------------------|---------|---------------------------|
| Indoor        |                         | Outdoor |                           |
| 1.            | Aquatics Facilities     | 1.      | Trails: Natural Surface   |
| 2.            | Seniors Activity Spaces | 2.      | Trails: Paved             |
| 3.            | Youth Activity Spaces   | 3.      | Outdoor Fitness Equipment |

## Top Barrier to Participation for each Jurisdiction

| Jurisdiction | Top Barrier            | Jurisdiction | Top Barrier            | Jurisdiction   | Top Barrier            |
|--------------|------------------------|--------------|------------------------|----------------|------------------------|
| Area A       | Location of facilities | Area F       | Inconvenient times     | Duncan         | Cost of programs       |
| Area B       | Location of facilities | Area G       | Inconvenient times     | North Cowichan | Age/health issues      |
| Area C       | Age/health issues      | Area H       | Age/health issues      | Ladysmith      | Age/health issues      |
| Area D       | Cost of programs       | Area I       | Location of facilities | Lake Cowichan  | Location of facilities |
| Area E       | Cost of programs       |              |                        |                |                        |

## Top Barrier to Participation for each Jurisdiction

- Most likely to support increased regional collaboration: Area A, Ladysmith, and Area D
- Least likely to support increased regional collaboration: Area H, Area G, and Area I

# SECTION THREE

## Facility Display Feedback



Display panels were created and set-up in ten facilities across the Cowichan region for approximately one month (Facilities: Cowichan Aquatic Centre, Cowichan Lake Sports Arena, Frank Jameson Community Centre, Fuller Lake Arena, Island Savings Centre, Kerry Park Recreation Centre, Shawnigan Lake Community Centre, Cowichan Performing Arts Centre, Saltair Community Centre).

Sticky notes were provided near the display panels and residents of all ages were encouraged to write comments on what they like about recreation in the region and what they feel requires improvement.

COWICHAN VALLEY REGIONAL DISTRICT REGIONAL RECREATION PLANNING

### Help plan the future of recreation in the Cowichan region!



The Cowichan Valley Regional District is conducting a recreation planning project to better understand the current state of services and provide information that can be used to inform future decisions on facilities, programs, and regional partnerships.

What do you like about current recreation opportunities in the Cowichan region?

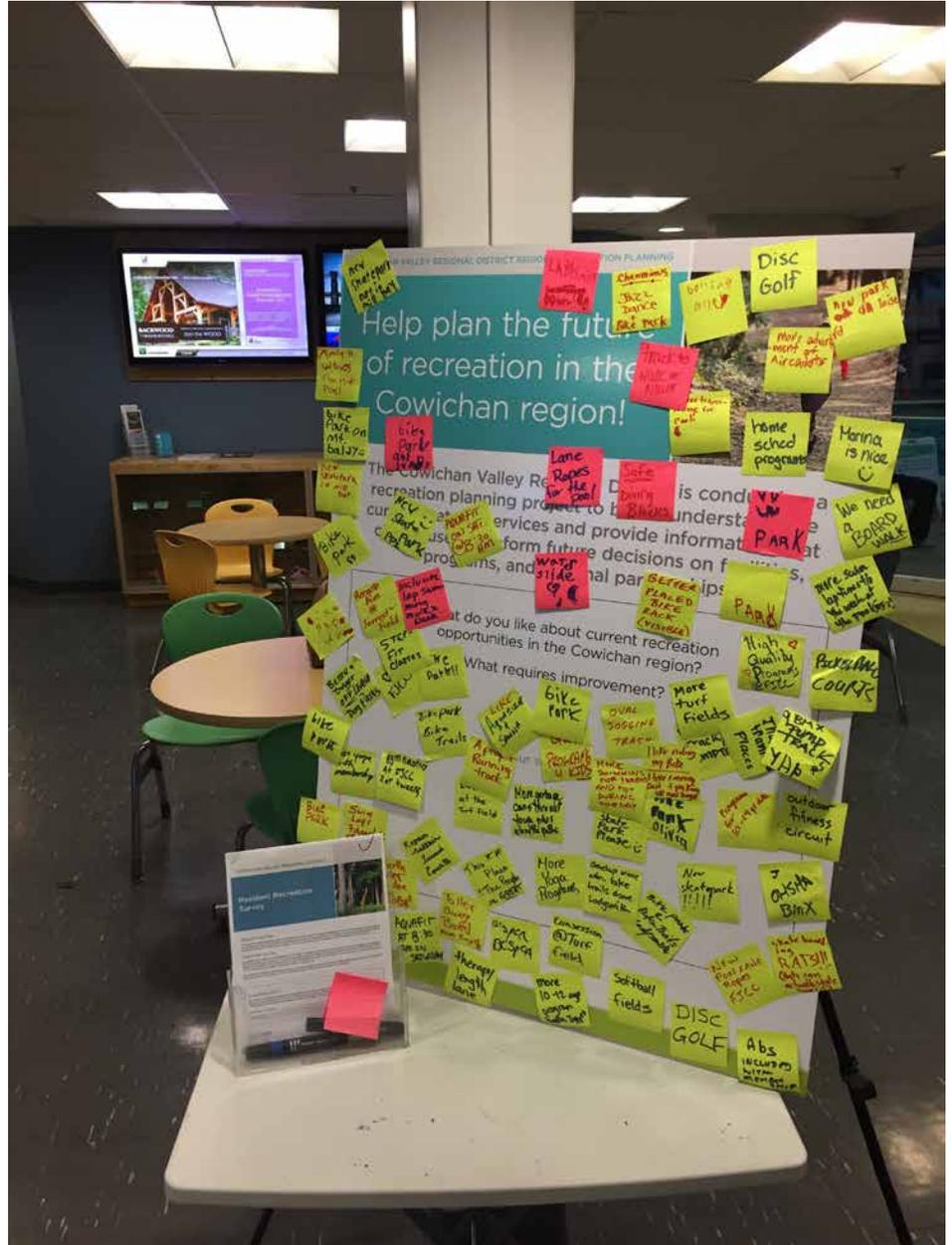
What requires improvement?

Place your sticky notes here!



Over one hundred wide ranging comments were provided across the region. Summarized below are themes from the comments (those topics/viewpoints as mentioned in five or more comments).

- There is general satisfaction with the cleanliness and the maintenance of facilities.
- Residents would like to see increased walking trails and trail linkages.
- Desire for a bike skills park.
- Overall desire for more community park spaces.
- Additional amenities should be added to park spaces (e.g. disc golf, water splash parks, bike skills, skateboard parks).
- Desire for amenity improvements to outdoor spaces such as parks and trails. Frequently mentioned amenity improvements include: more garbage bins around walking paths, more change rooms, an outdoor theatre, cafeteria-style food services, more WiFi “hotspots” and increased overall accessibility (e.g. better access points and roadway crossings).
- Need for increased programming for both children and adults. Suggestions provided included: expanded provision of art and cultural programming, fitness opportunities for teens, and evening programming for adults.
- Desire for an outdoor pool in the region.
- Importance of ensuring that youth have enough to do.



## SECTION FOUR

# Online Engagement: PlaceSpeak

PlaceSpeak is the CVRD's online engagement platform. A topic was created as a means to gather input from local residents in addition to posting information about the project background, details about the focus group sessions and resident survey, and to provide updates throughout the process. Notifications were sent to registered users who reside within the Cowichan Valley Regional District including all the Electoral Areas and the municipalities of Duncan, North Cowichan, Ladysmith and Lake Cowichan. Nearly 130 residents "connected" to the Regional Recreation Topic. Two poll questions and discussion topics were posed. As follows is a summary of the input collected through PlaceSpeak.



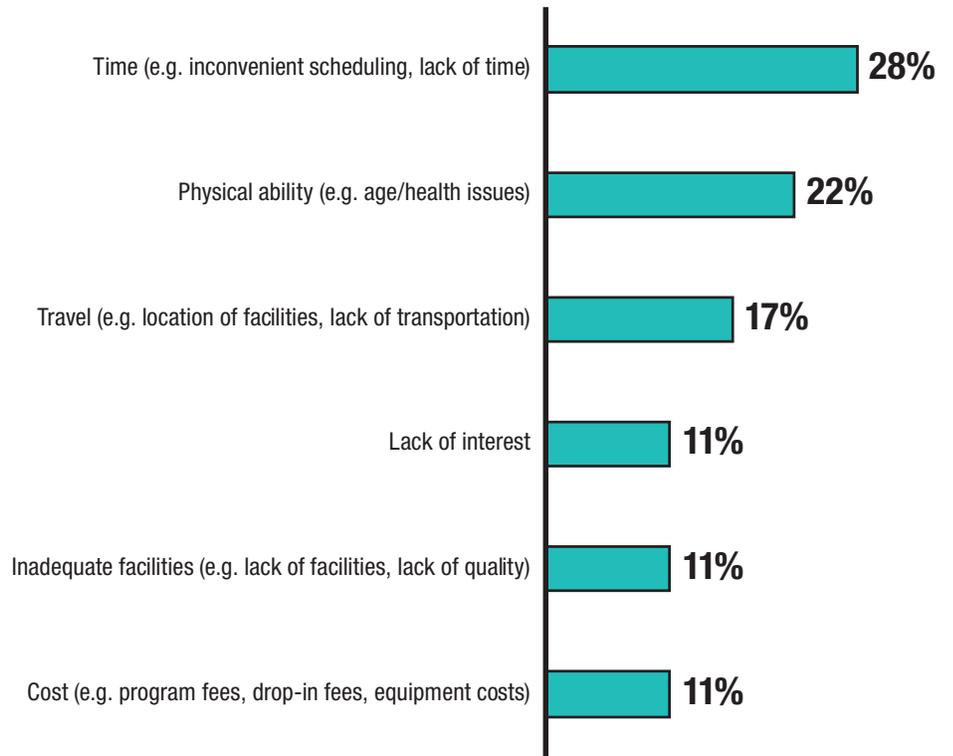
## Poll Questions

Question 1: What is the most significant barrier that limits you from participating in recreation opportunities?

The most selected barrier to participating in recreation opportunities was time with over one-quarter (28%) of the responses. Physical ability (22%) and travel (17%) rounded off the top three barriers.

### Barriers to Recreation

n=18

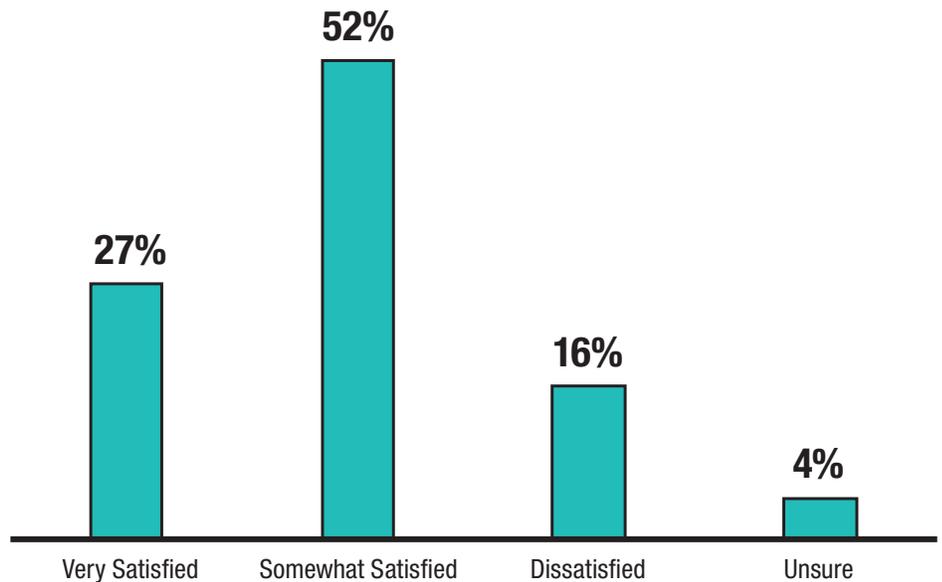


Question 2: How satisfied are you with the overall availability of recreation opportunities in the Cowichan region?

Over three-quarters (79%) of respondents are satisfied to some degree with the overall availability of recreation opportunities in the region. Sixteen percent (16%) are dissatisfied.

### Overall Satisfaction with Recreation Opportunities in the Cowichan Region

n=91



## Discussion

Discussion topics were posed to residents via PlaceSpeak. Residents were asked to share their thoughts on current recreation opportunities, improvements to recreation, and regional collaboration. In total, 103 comments were provided. The responses are summarized and displayed below by theme. Comments displayed represent the opinions of multiple individuals but are not meant to indicate consensus.

### Current Recreation Opportunities

What do you like about current recreation opportunities in the Cowichan region?

- Outdoor activities such as hiking, kayaking, mountain biking, sledding, and swimming.
- Variety of outdoor spaces such as parks, trails, outdoor fitness equipment, and beaches.
- Ability to access and be active in beautiful outdoor settings.
- Indoor facilities such as the Cowichan Sportsplex, Island Savings Centre, and Frank Jameson Community Centre.
- Structure outdoor spaces for sports such as ball diamonds and sports fields.
- Great social aspects within some activity communities.

### Improvements to Recreation

What improvements are required to recreation opportunities in the Cowichan region?

- New or additional amenity suggestions included gymnasiums, pickleball courts, swimming pools, salt water swimming pool, basketball courts, bike parks,
- Better signage of hiking trails.
- Improve lighting on some trails.
- Maintenance of existing park washrooms could be improved and additional ones may be needed.
- More sidewalks, designated pathways, and bike lanes for active transportation.
- Encourage new activities such as geocaching, motorized trail use, outreach fitness classes, sailing, lawnbowling
- More programming for seniors.
- Enhanced food services at recreation facilities (e.g. longer hours for concessions).
- Monitor lake access points.

### Regional Collaboration

Are there opportunities to improve regional collaboration? What are the benefits of regional collaboration? What are the drawbacks? Are there types of facilities or programs that are better provided regionally? Better provided locally?

- Varying opinions were expressed regarding regional collaboration. Some of the drawbacks included:
  - » Not being able to agree on where tax dollars should be allocated.
  - » Facilities often become concentrated in the urban communities which causes travel barriers for more rural residents.
- Some of the benefits included:
  - » Allows for more resources to fund larger facilities such as aquatic centres.
  - » Cost savings efficiencies because of less overlap and staff expertise.
- Other comments included:
  - » There should be consistency and collaboration in the icons used in maps and signage to describe activities, amenities, services and accessibility of all trails and recreation facilities throughout the region.
  - » Major capital developments need to be voted on.



SECTION FIVE

Focus Groups



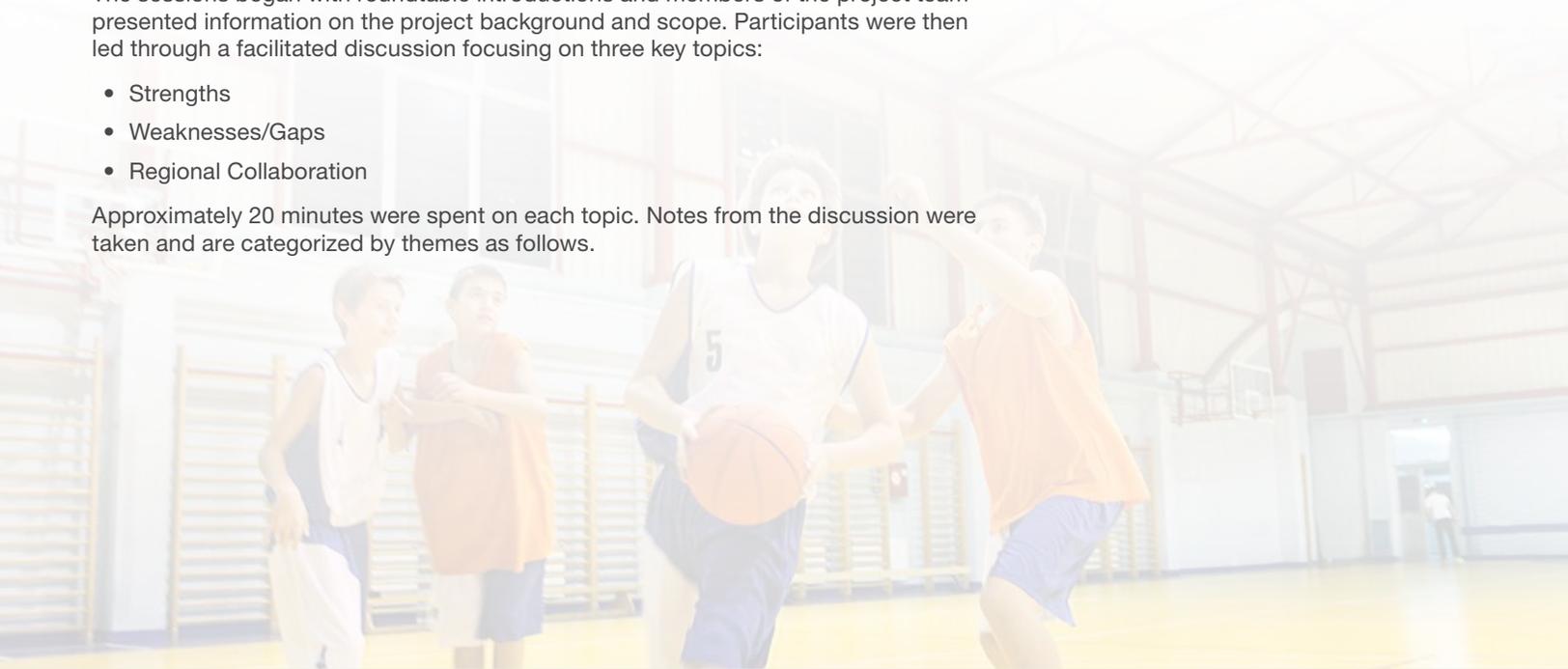
Four focus group sessions were convened throughout the region to collect input from local residents. The sessions were open to all members of the public and were promoted via local newspaper, social media, website, and PlaceSpeak. In total, 90 people attended the focus groups. Each focus groups session was approximately two hours in duration.

| Date             | Facility                       | Location      | Public Attendance |
|------------------|--------------------------------|---------------|-------------------|
| November 6, 2017 | Kerry Park Recreation Centre   | Mill Bay      | 11                |
| November 7, 2017 | Island Savings Centre          | Duncan        | 11                |
| November 8, 2017 | Frank Jameson Community Centre | Ladysmith     | 12                |
| November 9, 2017 | Cowichan Lake Sports Arena     | Lake Cowichan | 56                |

The sessions began with roundtable introductions and members of the project team presented information on the project background and scope. Participants were then led through a facilitated discussion focusing on three key topics:

- Strengths
- Weaknesses/Gaps
- Regional Collaboration

Approximately 20 minutes were spent on each topic. Notes from the discussion were taken and are categorized by themes as follows.



# Discussion Topic 1: Strengths

## Variety of Opportunities

- Hiking and outdoor activities in particular were often highlighted right away.
- Water activities such as swimming, paddling, and boating are also very important to residents in the region.
- Sports opportunities remain popular and so are arts and cultural activities.

## Recreation Spaces

- Outdoor spaces such as trails and water access were quickly pointed to in each of the sessions.
- Appreciation for the indoor facilities such as the Island Savings Centre were also highlighted.
- The Cowichan Performing Arts Centre was also mentioned as an important and well-used facility in the region.
- Renowned mountain, ocean, and lake opportunities based on the region's beautiful geographic aspects.
- Other cherished recreation spaces included fenced dog parks, skateboard parks, soccer fields, ball diamonds, libraries, ice arenas, and curling rinks.

## Volunteer Groups

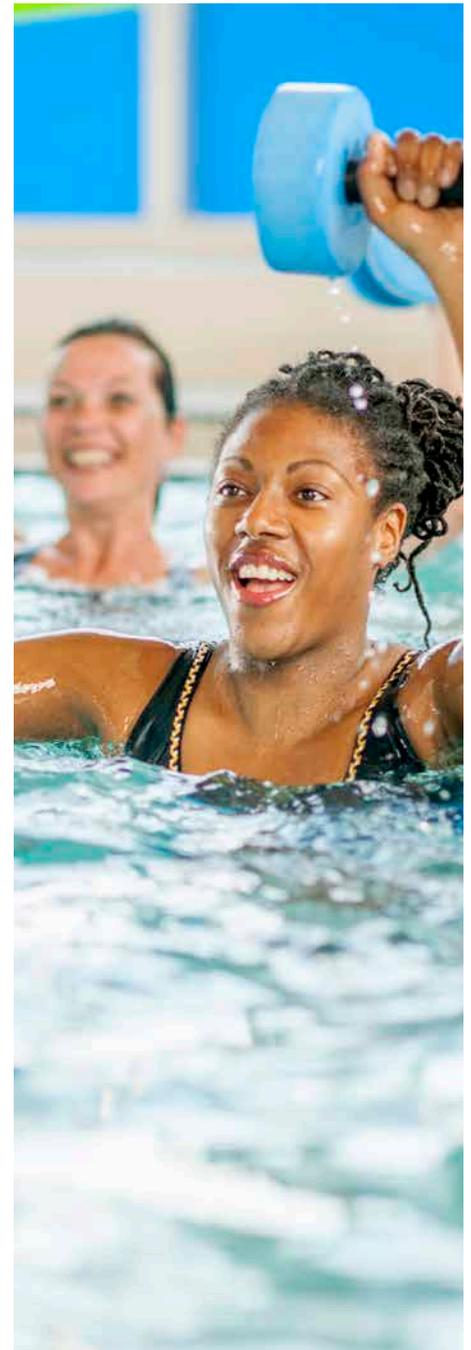
- Volunteer groups were recognized as a strength of the community and region.
- Such groups expand the number of recreation opportunities beyond what the CVRD and partner municipalities provide.
- Without the groups, the amount of recreation opportunities would be limited.
- Volunteers can be seen as role models to other participants.

## Benefits of Recreation

- Participants were asked to provide their thoughts on the benefits of recreation. The following points were frequently given:
  - » Improves physical and mental wellbeing
  - » Provides opportunities for families
  - » Promotes health lifestyles
  - » Great social aspects
  - » Enhances community spirit
  - » Economic benefits (e.g. tournaments and events)
  - » Many good people have come from the region who excelled in physical activities

## Topic Questions

- What are the strengths of recreation in the Cowichan region?
- Which recreational opportunities make the region a great place to live?
- What types of programs and facilities are valued and important to sustain?



## Discussion Topic 2: Weaknesses and Gaps

### Active Transportation

- A lack of safe active transportation corridors was regularly mentioned.
- Increase connectivity of pathway and trail networks could be improved.

### Facility Gaps

- A wish list for new facilities was often talked about. Suggestions for new indoor spaces included:
  - » Swimming pools; some areas have less access to pools than others
  - » Medium sized performing arts theatre
  - » Multi-use Space (e.g. classrooms, program space)
  - » Fitness Centre (Weights, public and affordable, casual use [punch cards, less commitment])
  - » Coffee shops within facilities
  - » Indoor spaces for spontaneous youth activities
- It was suggested that the planning of facilities account for future population growth.

### Outdoor Spaces

- While most participants appreciate the current inventory of outdoor spaces, some new and/or additional spaces were mentioned:
  - » Trails
  - » A large, signature park
  - » Boat launches and improved lake access
- The cleanliness of outdoor spaces was mentioned on a couple of occasions.

### Programs

- Some programming opportunities were suggested:
  - » Intergeneration opportunities
  - » Life skills (e.g. cooking)
  - » Opportunities for seniors
  - » Introductory-level programs (e.g. sports, fitness, outdoor pursuits)
  - » Arts and trade skills (e.g. woodworking)
- Having an all-access pass to multiple recreation facilities and programs in the region was an idea brought forth.

### Schools

- It was felt that more integration with the schools could be explored.
- If capacity exists in school facilities, these spaces should be used more.

### Barriers to Recreation Participation

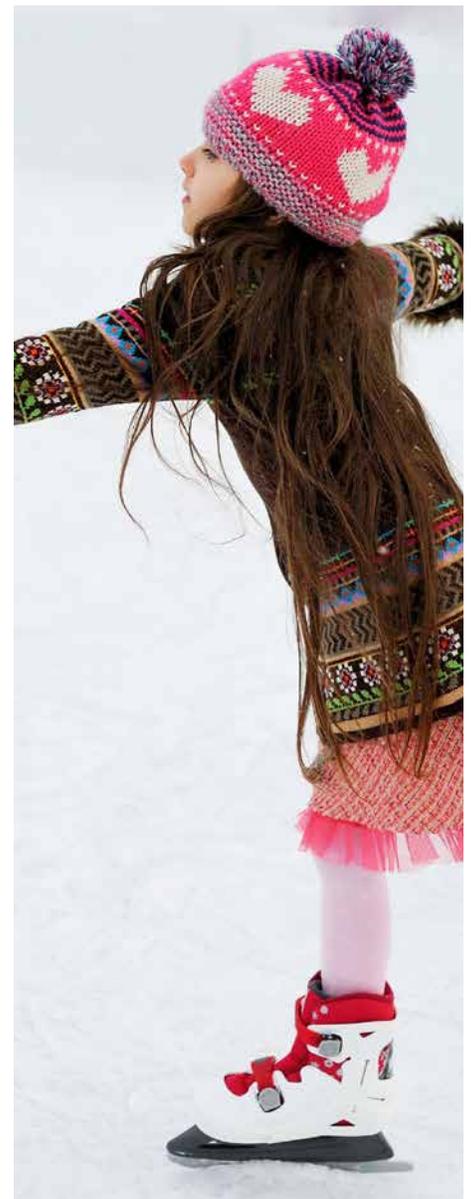
- The two main barriers mentioned were affordability (e.g. fees, equipment) and transportation.

### Information Gaps

- The promotion of existing facilities and activities could be improved.
- Enhanced coordination of social media could help.
- A community calendar and program finder were suggested.
- A platform for connecting organizations with potential volunteers was also mentioned.

### Topic Questions

- What are the weaknesses/gaps of recreation in the Cowichan region?
- Why did you identify these weaknesses/gaps?
- If the CVRD and local governments invested resources to address these weaknesses/gaps, what benefits would occur?
- Are there any “easy win” opportunities available to address the weaknesses/gaps you’ve identified?



## Discussion Topic 3: Regional Collaboration

### Benefits

- A number of benefits of regional collaboration were offered:
  - » Sharing the cost of facilities and pooling efforts together.
  - » Communicating among each other and sharing solutions.
  - » Residents can participate in opportunities all over the region.
  - » Essential for promoting opportunities to people outside of the region.

### Drawbacks

- On the contrary, there were also a number of drawbacks discussed such as:
  - » Difficult for residents and decision makers to agree.
  - » Easier for people to think locally than regionally.
  - » Site selection of facilities is a challenge.
  - » The decision making process can be long and ineffective.
  - » The referendum process is seen as frustrating by some residents.
  - » The negative referendum attitude could be attributed to a lack of understanding.
  - » There are many levels of planning and initiatives; ensuring that everything aligns and not duplicating is difficult.
  - » Uncertainty exist regarding the roles and responsibilities of the delivery system.

### Local vs. Regional Focus

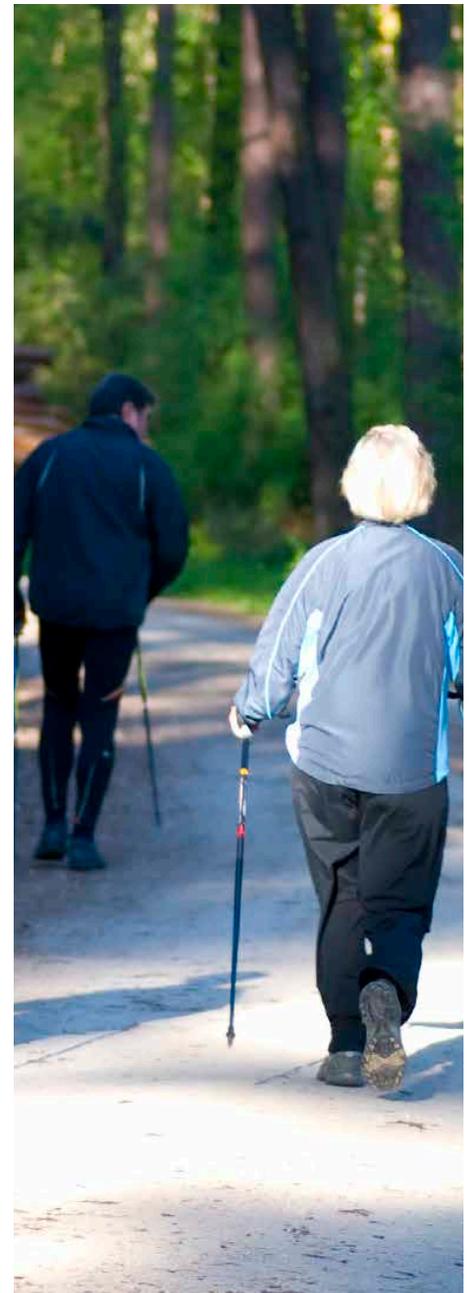
- A local focus could be placed on parks.
- A regional focus could be placed on larger, more expensive facilities such as aquatic facilities.
- Trail connections should be a regional focus.
- Many participants also mentioned that the large geographic area encompassed by the region needs to be considered in the context of regional discussions.

### Promotion of Recreation

- It was widely agreed upon that the promotion of existing recreation opportunities could be enhanced and this could be looked at on a regional level.

### Topic Questions

- Are there opportunities for more and/or better regional collaboration?
- What are the benefits of regional collaboration? What are the drawbacks?
- Are there types of facilities or programs that are better provided regionally vs locally (or vice versa)?



## SECTION SIX

# “Pop-Up” Events



Members of the consulting team visited various locations across the Cowichan region with the objective of engaging with residents in casual conversations about recreation. These “pop up” events included visits to:

- Local farmers markets.
- Grocery stores.
- Coffee shops.
- Community facilities (during program and high traffic times).
- Community events (e.g. BBQ).

The conversations with residents varied in length, context and often covered off a variety of topics. Identified below are some notes and observations as recorded by the consultants.

- The natural setting is a key recreation attribute and impacts recreation interests.
- There is some perspective that youth don’t have “enough to do”.
- The region is large and resident’s recreation opportunities are often impacted by their location of residency. Those individuals living closer to major centres (e.g. Nanaimo, Duncan, Victoria, Ladysmith) tended to have more positive perspectives on recreation than those living in communities further from urban centres.
- There is some historical “baggage” regarding resident perspectives on regional recreation collaboration. Residents mentioned a number of previous referendums, initiatives and situations that resulted in both positive and negative outcomes.
- Community parks, trails and other outdoor amenity spaces (i.e. skateboard parks, water spray parks, bike skills parks, day use areas) were mentioned as gaps by some individuals.
- The growth of pickleball was identified as being a growth activity that will need space in the future.



## SECTION SEVEN

# Additional Research Inputs and Considerations



## Population and Demographics

The 2016 Statistics Canada Census of the Population counted a total population of 83,739 residents within the boundaries of the CVRD (including First Nations communities). The following chart summarizes the distribution of the CVRD's population in each jurisdiction.

| Jurisdiction                   | Communities   | Population (2016) | % of Population |
|--------------------------------|---|-------------------|-----------------|
| City of Duncan                 | Duncan  | 4,944             | 5.9%            |
| Town of Ladysmith              | Ladysmith   | 8,537             | 10.2%           |
| Town of Lake Cowichan          | Lake Cowichan   | 3,226             | 3.9%            |
| Municipality of North Cowichan | North Cowichan  | 29,676            | 35.4%           |
| Area A                         | Mill Bay/Malahat  | 4,733             | 5.7%            |
| Area B                         | Shawnigan Lake  | 8,558             | 10.2%           |
| Area C                         | Cobble Hill   | 5,019             | 6.0%            |
| Area D                         | Cowichan Bay  | 3,243             | 3.9%            |
| Area E                         | Cowichan Koksilah   | 4,121             | 4.9%            |
| Area F                         | Cowichan Lake South/Skutz Falls   | 1,629             | 1.9%            |
| Area G                         | Saltair/Gulf Islands  | 2,325             | 2.8%            |
| Area H                         | North Oyster/Diamond  | 2,446             | 2.9%            |
| Area I                         | Youbou/Meade Creek  | 1,206             | 1.4%            |
| First Nations Communities      | Cowichan 1, Chemainus 13, Malahat 11, Halalt 2, Kuper Island 7 (Penelakut), Theik 2, Oyster Bay 12, Malachan 11, Tsussie 6, Squaw-hay-one 11, Cowichan Lake 1, Kil-Pah-Las 3, Est-Patrolas 4, Tzart-Lam 5 | 4,076             | 4.9%            |
| <b>Total</b>                   | —   | <b>83,739</b>     | <b>100.0%</b>   |

Of the total 83,739 residents, just over 55% live in the four municipalities with the remainder living in the CVRD electoral areas, including several First Nations communities. In the period of 2011-2016, the total population of CVRD increased by 4.2%. The percent change in population in each jurisdiction is summarized below. Area D experienced the largest population growth with an 8.4% increase, while Area F and other rural communities, collectively, experienced a population decline by -1.2% and -6.5%, respectively. Overall population growth within the CVRD was slightly less than the provincial average of 5.6% from 2011 to 2016.

| Jurisdiction                             | Population (2016) | Percent Change (Since 2011) |
|--|-------------------|-----------------------------|
| City of Duncan                           | 4,944             | 0.24%                       |
| Town of Ladysmith                        | 8,537             | 2.9%                        |
| Town of Lake Cowichan                    | 3,226             | 7.2%                        |
| Municipality of North Cowichan           | 29,676            | 7.8%                        |
| Area A (Mill Bay/Malahat)                | 4,733             | 7.1%                        |
| Area B (Shawnigan Lake)                  | 8,558             | 5.0%                        |
| Area C (Cobble Hill)                     | 5,019             | 4.4%                        |
| Area D (Cowichan Bay)                    | 3,243             | 8.4%                        |
| Area E (Cowichan Koksilah)               | 4,121             | 6.5%                        |
| Area F (Cowichan Lake South/Skutz Falls) | 1,629             | -1.2%                       |
| Area G (Saltair/Gulf Islands)            | 2,325             | 4.5%                        |
| Area H (North Oyster/Diamond)            | 2,446             | 4.7%                        |
| Area I (Youbou/Meade Creek)              | 1,206             | 7.9%                        |
| First Nations Communities                | 4,076             | -6.5%                       |
| <b>Total CVRD</b>                        | <b>83,739</b>     | <b>4.2%</b>                 |

## Population Growth Scenarios

Three potential growth scenarios are presented below based on previous growth rates. For example, if the average annual growth increase experienced in the CVRD between 2011 and 2016 (0.84%) was applied to the proceeding ten years, the projected 2026 population for the CVRD is 91,045. These projected figures suggest that recreation services will need to be provided to between approximately 90,000 and 96,000 residents by 2026.

| Growth Scenario | Annual Growth | Scenario Based on Growth Experienced From | Projected CVRD Population in 2026 |
|-----------------|---------------|---|-----------------------------------|
| High            | 1.36%         | 2001-2006                                 | 95,850                            |
| Moderate        | 0.88%         | 2006-2011                                 | 91,407                            |
| Low             | 0.84%         | 2011-2016                                 | 91,045                            |



## Age Distribution

Based on the 2016 Census, the CVRD has higher proportions of people in each age segment over 50 years old compared to the overall provincial average (50% of the CVRD's population is over the age of 50 compared to 40% provincially). The largest proportion of residents in the CVRD fall into the 60-69 age category (18%). However of note, the population distribution of children and teens in the CVRD is consistent with provincial figures. The greatest variance (other than older adults as previously noted) occurs among younger working age adults (ages 20 – 39) as there is a lower proportion of residents in this age group cohort compared to the provincial average.

| Age Category    | CVRD (2016) | Provincial Average (2016) |
|-----------------|-------------|---------------------------|
| Age 0-4 Years   | 5%          | 5%                        |
| Age 5-9 Years   | 5%          | 5%                        |
| Age 10-19 Years | 11%         | 11%                       |
| Age 20-29 Years | 8%          | 13%                       |
| Age 30-39 Years | 10%         | 13%                       |
| Age 40-49 Years | 12%         | 13%                       |
| Age 50-59 Years | 17%         | 15%                       |
| Age 60-69 Years | 18%         | 13%                       |
| Age 70-79 Years | 10%         | 7%                        |
| Age 80+ Years   | 6%          | 5%                        |

As income characteristics can play a role in recreation participation, Census data was also reviewed based on income levels and indicators of financial struggle. As reflected in the chart below, the majority of electoral areas (with the exception of Area I) have lower levels of residents living in low income households as compared to provincial averages. The Town of Lake Cowichan, City of Duncan and Electoral Area I have nearly double the levels of residents living in low income households as compared to other areas in the CVRD.

| Area                       | % of Residents Living in a LICO Household | Median Total Household Income |
|----------------------------|---|-------------------------------|
| A                          | 5.9%                                      | \$77,568                      |
| B                          | 5.5%                                      | \$92,608                      |
| C                          | 5.1%                                      | \$77,349                      |
| D                          | 7.1%                                      | \$85,248                      |
| E                          | 6.4%                                      | \$83,968                      |
| F                          | 6.2%                                      | \$71,936                      |
| G                          | 5.3%                                      | \$71,595                      |
| H                          | 5.2%                                      | \$83,520                      |
| I                          | 11.3%                                     | \$52,992                      |
| Town of Lake Cowichan      | 10.1%                                     | \$66,389                      |
| City of Duncan             | 11.6%                                     | \$40,320                      |
| District of North Cowichan | 7.0%                                      | \$64,169                      |
| Town of Ladysmith          | 4.8%                                      | \$67,674                      |
| Provincial Averages        | 11.0%                                     | \$88,451                      |

LICO = "Low Income Cut-Off" as defined by Statistics Canada.



# Trends and Leading Practices

## Participation Trends

### Physical Activity and Wellness Levels

The **BC Physical Activity Strategy**, published in 2015, identified a number of participation indicators that reveal both encouraging and troubling physical activity trends. Summarized below are key findings outlined in the Strategy.

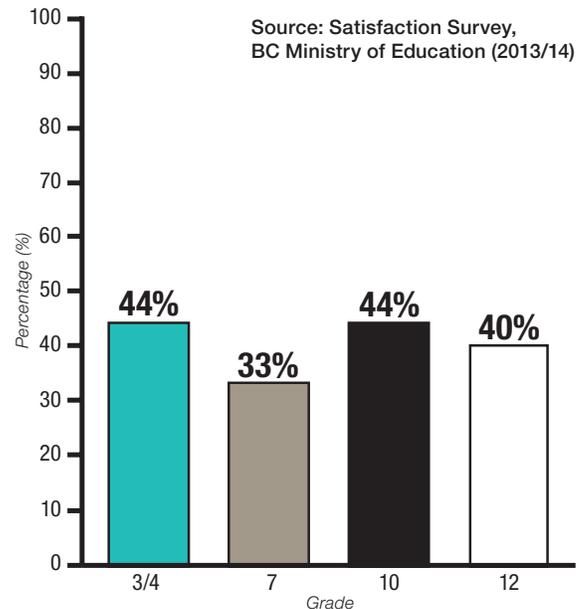
- British Columbia is the most active province in Canada.**  
 Almost 64% of British Columbians (age 12 and over) are active in their leisure time, highest among all provinces in Canada. However, about 1.5 million British Columbians are classified as inactive, and many of those who report being active do not do enough activity to achieve health benefits.
- Physical activity levels among children and youth are concerning.**  
 While 88% of students in Grades 3 and 4 report that they get physical activity at school, only 44% report doing at least 30 minutes of moderate or vigorous activity each day.

ParticipACTION is a national non-profit organization that strives to help Canadians sit less and move more. **The Report Card on Physical Activity for Children and Youth** is a comprehensive assessment of child and youth physical activity, taking data from multiple sources, including the best available peer-reviewed research, to assign grades for indicators such as overall physical activity, active play, sleep, and others. The most recent report card (2016) is a “wake-up call” for children and youth activity levels.

- Only 9% of Canadian kids aged 5 to 17 get the 60 minutes of heart-pumping activity they need each day.
- Only 24% of 5 to 17-year-olds meet the Canadian Sedentary Behaviour Guidelines recommendation of no more than 2 hours of recreational screen time per day.
- In recent decades, children’s nightly sleep duration has decreased by about 30 to 60 minutes.
- Every hour kids spend in sedentary activities delays their bedtime by 3 minutes. The average 5 to 17-year-old Canadian spends 8.5 hours being sedentary each day.
- 33% of Canadian children aged 5 to 13, and 45% of youth aged 14 to 17, have trouble falling asleep or staying asleep at least some of the time.
- 36% of 14 to 17-year-olds find it difficult to stay awake during the day.
- 31% of school-aged kids and 26% of adolescents in Canada are sleep-deprived.

### Percentage of Students Who Report Meeting the Daily Physical Activity (DPA) Policy Requirements

Source: BC Physical Activity Strategy (2015)





## Overall Physical Activity

**70% of children aged 3 to 4** meet the recommendation of 180 minutes of daily activity at any intensity. However, as the guidelines change to 60 minutes of moderate- to vigorous-intensity physical activity per day for those aged **5 to 17**, **only 9%** are meeting the guidelines. 2012-13 CHMS

## Physical Activity Preferences

The **2013 Canadian Community Health Survey** reveals data that provides some insight into the recreation and leisure preferences of Canadians. The top 5 most popular adult activities identified were walking, gardening, home exercise, swimming and bicycling. The top 5 most popular youth activities were walking, bicycling, swimming, running/jogging and basketball.<sup>1</sup>

Participation levels and preferences for sporting activities continue to garner much attention given the impact on infrastructure development and overall service delivery in most municipalities. The **Canadian Fitness & Lifestyle Research Institutes 2011 – 2012 Sport Monitor Report** identified a number of updated statistics and trends pertaining to sport participation in Canada.<sup>2</sup>

- The highest proportion of Canadians prefers non-competitive sports or activities. Nearly half (44%) of Canadians preferred non-competitive sports while 40% like both non-competitive and competitive sports. Only 8% of Canadians prefer competitive sports or activities and 8% prefer neither competitive nor non-competitive sports.
- Sport participation is directly related to age. Nearly three-quarters (70%) of Canadians aged 15 – 17 participate in sports, with participation rates decreasing in each subsequent age group. The largest fall-off in sport participation occurs between the age categories of 15 – 17 and 18 – 24 (~20%).
- In contrast to children and youth populations (in which gender participation rates are relatively equal), substantially more adult men (45%) than adult women (24%) participate in organized sport.
- Participation in sport is directly related to household income levels. Households with an annual income of greater than \$100,000 have the highest participation levels, nearly twice as high as households earning between \$20,000 and \$39,999 annually and over three times as high as households earning less than \$20,000 annually.
- The highest proportion of sport participants play in “structured environments.” Just under half (48%) of sport participants indicated that their participation occurs primarily in organized environments, while 20% participate in unstructured or casual environments; 32% do so in both structured and unstructured environments.
- Community sport programs and venues remain important. The vast majority (82%) of Canadians that participate in sport do so within the community. Approximately one-fifth (21%) participate at school while 17% participate in sports at work. A significant proportion (43%) also indicated that they participate in sporting activities at home.



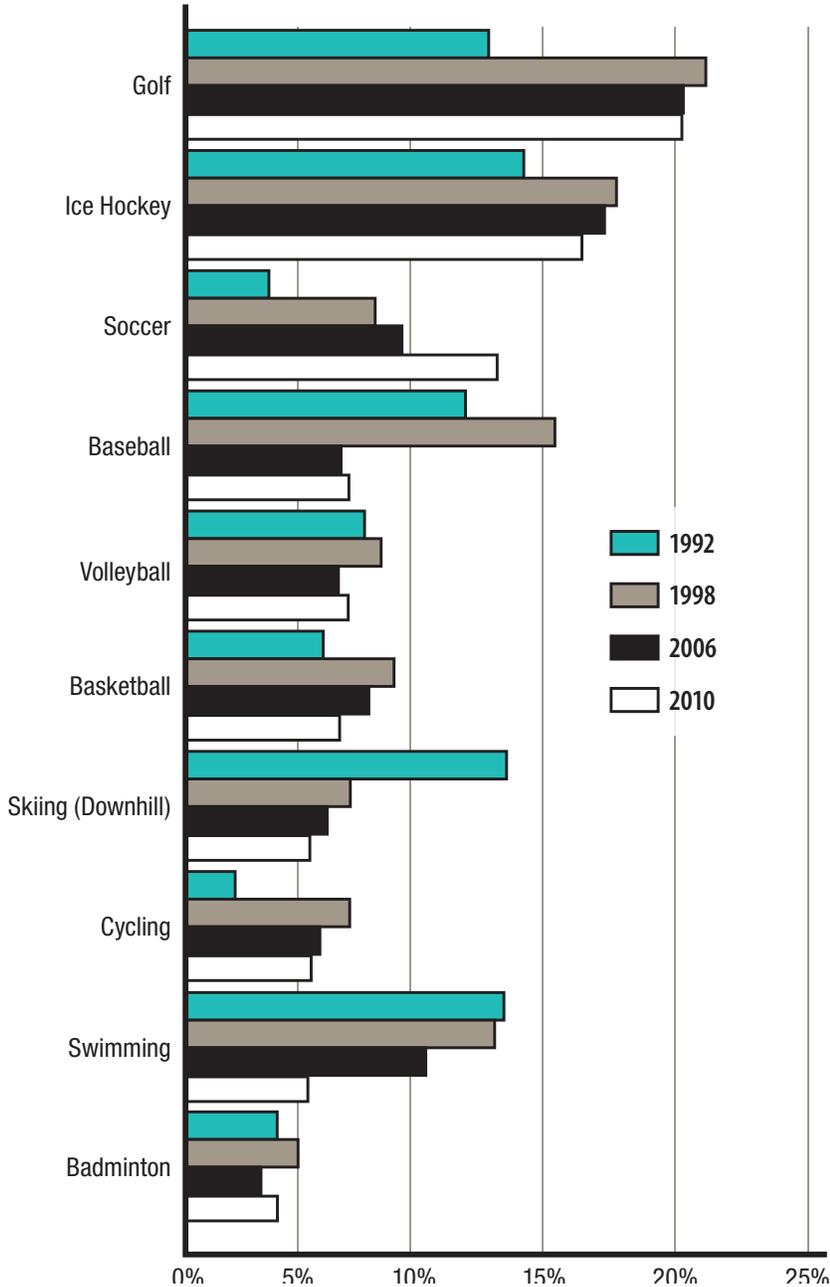
1 Statistics Canada: <http://www.statcan.gc.ca/daily-quotidien/140612/dq140612b-eng.htm>

2 Canadian Fitness & Lifestyle Research Institutes 2011 – 2012 Sport Monitor: <http://www.cflri.ca/node/78>

A research paper entitled “Sport Participation 2010” published by Canadian Heritage also identified a number of trends pertaining to participation in specific sports. The following graph illustrates national trends in active sport participation from 1992 – 2010. As reflected in the graph, swimming (as a sport) has experienced the most significant decrease while soccer has had the highest rate of growth while golf and hockey remain the two most played sports in Canada. *Note: Data includes both youth, amateur, and adult sport participants.*<sup>3</sup>

Active Participation Rate

1992 - 2010



3 Government of Canada: [http://publications.gc.ca/collections/collection\\_2013/pc-ch/CH24-1-2012-eng.pdf](http://publications.gc.ca/collections/collection_2013/pc-ch/CH24-1-2012-eng.pdf)

The Paper further identifies a number of broad participation trends related specifically to sport focused participation utilizing Statistics Canada data from the 2010 Federal Census and the General Social Survey. Broader trends effecting overall sport participation noted by the Paper include:

- National sport participation levels continue to decline. In 2010, 7.2 million or 26% of Canadians age 15 and older participated regularly in sport; this represents a 17% decline over the past 18 years.
- The gender gap in sport participation has increased.
- Sport participation decreases as Canadians age; the most significant drop off occurs after age 19.
- Education and income levels impacts impact sport participation. Canadians with a University education and those making more than \$80,000 annually have the highest rates of sport participation.
- Established immigrants participate in sport less than recent immigrants and Canadian born.
- Students (15 years and older) participate in sport in greater numbers than any labour force group.
- Participation is highly concentrated in a few sports. Participants in golf, ice hockey, and soccer tend to prefer these three sports and have less diversity in their overall sporting pursuits than participants of other sports.
- Women are more likely than men to have a coach. Female sport participants tend to use the services of a coach more often than male sport participants and this difference appears to increase with age.
- The most important benefit of sport participation is relaxation and fun. Relaxation and fun were ranked as being important by 97% of sport participants.
- A lack of time and interest are the main reasons for not participating in sport.



## Unstructured Recreation

There is an increasing demand for more flexibility in timing and activity of choice for recreational pursuits. People are seeking individualized informal pursuits that can be done alone or in small groups, at flexible times, and often near or at home. This does not eliminate the need for structured activities, but instead suggests that planning for the general population is as important as planning for traditional structured use environments.

The [Canadian Fitness and Lifestyle Research Institute](#) conducts a [Physical Activity Monitor \(PAM\)](#) survey that tracks physical activity and sport participation among Canadians. Additionally, the telephone survey tracks changes in physical activity patterns over time, along with factors influencing participation. The 2014-15 PAM asked 18 and older Canadians about the type of physical activities they participated in 12 months prior to the survey. This is a breakdown of the 10 most common activities by gender.

| Activity                     | Proportion participating in the previous 12 months |       |
|------------------------------|--|-------|
|                              | Men  | Women |
| Walking for exercise         | 80%  | 88%   |
| Gardening or yard work       | 80%  | 69%   |
| Bicycling                    | 55%  | 43%   |
| Social Dancing               | 33%  | 45%   |
| Ice Skating                  | 34%  | 24%   |
| Exercise classes or aerobics | 15%  | 39%   |
| Yoga or tai chi              | 15%  | 39%   |
| Golfing                      | 33%  | 13%   |
| Baseball or softball         | 23%  | 12%   |
| Basketball                   | 21%  | 11%   |
| Ice hockey                   | 21%  | 4%    |
| Football                     | 18%  | 4%    |

### Flexibility and Adaptability

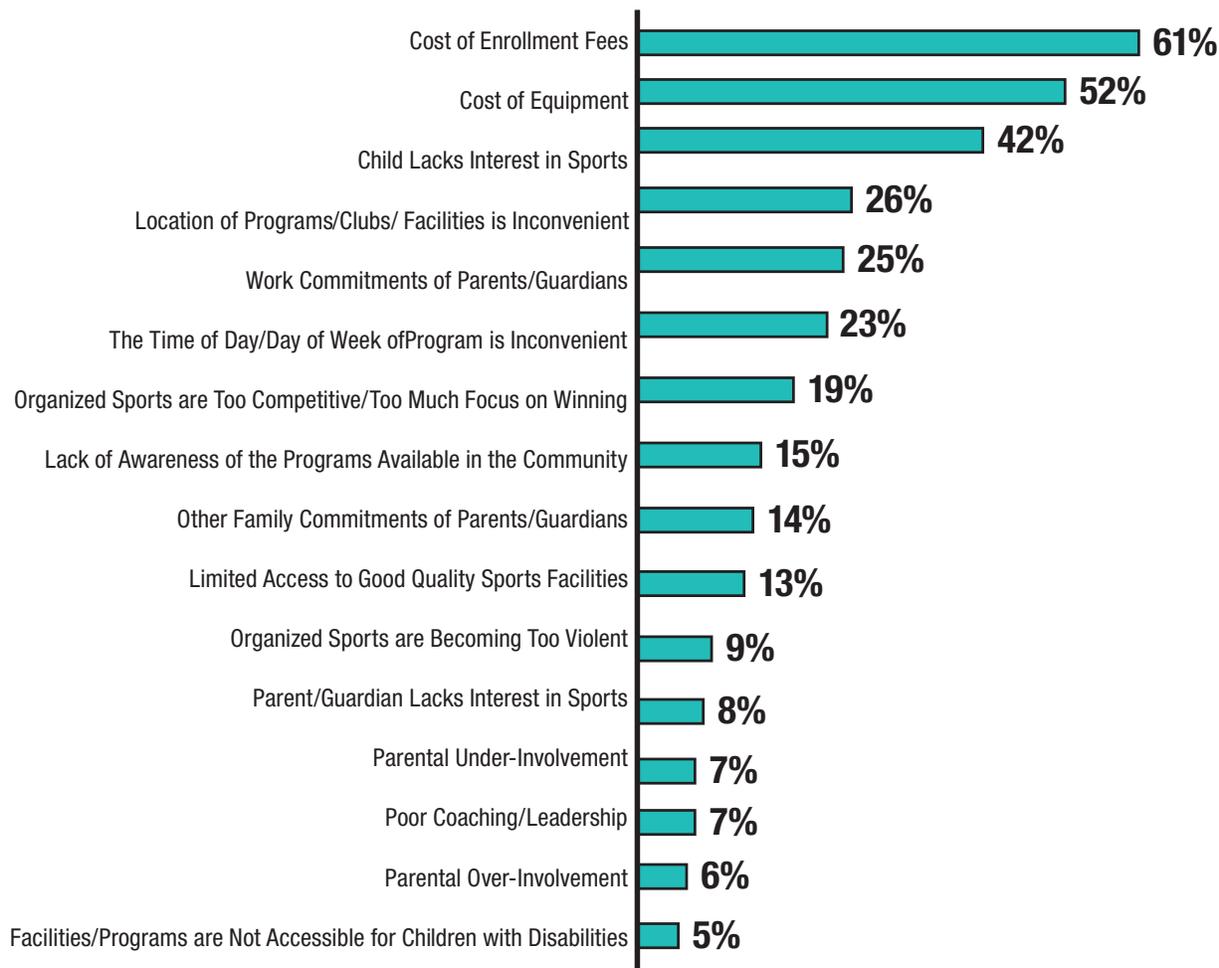
Recreation and parks consumers have a greater choice of activity options than at any time in history. As a result, service providers are being required to ensure that their approach to delivery is fluid and is able to quickly adapt to meet community demand. Many municipalities have also had to make hard decisions on which activities they are able to directly offer or support, versus those which are more appropriate to leave to the private sector to provide.

Ensuring that programming staff and management are current on trends is important in the identification and planning of programming. Regular interaction and data collection (e.g. customer surveys) from members are other methods that service providers use to help identify programs that are popular and in demand. The development of multi-use spaces can also help ensure that municipalities have the flexibility to adapt to changing interests and activity preferences.

### Barriers to Participation

Research and available data supports that many Canadians face barriers that impact their ability to reap the numerous physical, social, and mental benefits that are accrued from participation in recreation and leisure pursuits. Understanding these barriers can help service providers identify strategies to mitigate issues and encourage participation.

The adjacent graph adapted from the 2014 CIBC – KidSport Report reflects barriers to participation in sport for 3 to 17 year olds in Canada. As reflected in the graph, the cost of enrolment, the cost of equipment, and a lack of interest were identified as the top 3 barriers.



## Infrastructure Trends

### Managing Aging Infrastructure

A report published in 2009 by the [British Columbia Recreation and Parks Association](#) titled “A Time for Renewal” identified a number of statistics related to the aging condition of recreation infrastructure in the province. Findings published in the report included:

- 68% of BC’s indoor recreation facilities are 25 years or older, and 42% of facilities are 35 years or older.
- Recreation infrastructure development is not keeping up with current or projected population growth.
- An estimated \$4 billion dollars is needed for the rehabilitation of existing indoor facilities based on life-cycle stage assumptions.
- An estimated \$1.2 billion dollars is needed to build new indoor facilities to proportionately accommodate BC’s ten-year population growth predictions.

Another more recent report, the [Canadian Infrastructure Report Card<sup>4</sup>](#) included an assessment and analysis of the state of sport and recreation facilities across Canada. The report revealed a number of concerns and issues that will impact the delivery of sport and recreation infrastructure over the next number of years. Key findings from the report included the following.

- The Report Card demonstrates that Canada’s infrastructure, including sport and recreation facilities, is at risk of rapid deterioration unless there is immediate investment.
- The average annual reinvestment rate in sport and recreation facilities is currently 1.3% (of capital value) while the recommended target rate of reinvestment is 1.7% – 2.5%.
- Almost 1 in 2 sport and recreation facilities are in ‘very poor’, ‘poor’ or ‘fair’ condition and need repair or replacement.
- In comparison to other municipal infrastructure assessed in the Report Card, sport and recreation facilities were in the worst state and require immediate attention.

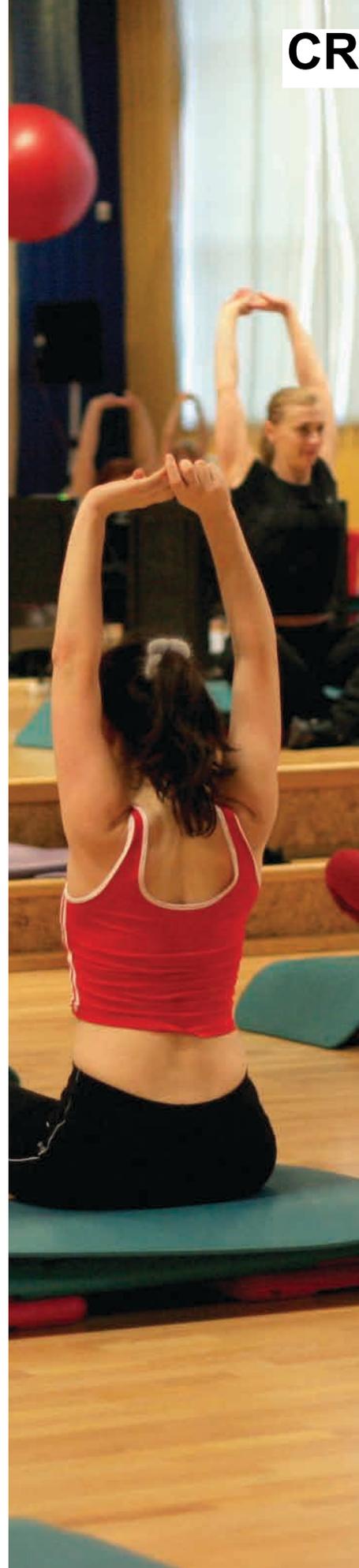
The Report Card indicated that the extrapolated replacement value of sport and recreation facilities in ‘poor’ or ‘very poor’ condition is \$9 billion while those in ‘fair’ condition require \$14 billion.

### Multi-Use Spaces

Recreation and parks facilities are being designed to accommodate multiple activities and to encompass a variety of different components. The benefits of designing multi-use spaces include the opportunity to create operational efficiencies, attract a wide spectrum of users, and procure multiple sources of revenue. Providing the opportunity for all family members to take part in different opportunities simultaneously at the same location additionally increases convenience and satisfaction for residences.

Creating spaces within a facility that are easily adaptable and re-configurable is another growing trend observed in many newer and retrofitted facilities. Many performing arts venues are being designed in such a manner that staging, seating, and wall configurations can be easily changed as required. Similarly, visual arts spaces such as studios and galleries are being designed in a manner that allows them to be used for a multitude of different art creation and display purposes. Gymnasium spaces and field house facilities are being designed with adjustable barriers, walls, bleachers, and other amenities that can be easily set-up or removed depending on the type of activity or event.

4 [http://www.canadainfrastructure.ca/downloads/Canadian\\_Infrastructure\\_Report\\_2016.pdf](http://www.canadainfrastructure.ca/downloads/Canadian_Infrastructure_Report_2016.pdf)



## Integrating Indoor and Outdoor Environments

A new concept in recreation infrastructure planning is to ensure that the indoor environment interacts seamlessly with the outdoor recreation environment. This can include such ideas as indoor/outdoor walking trails, indoor/outdoor child play areas, and indoor/outdoor aquatics facilities. Although there are a number of operational issues that need to be considered when planning indoor/outdoor environments (e.g. cleaning, controlled access, etc.) the concept of planning an indoor facility to complement the site it is located on (and associated outdoor amenities included) as well as the broader community parks and trail system is prudent and will ensure the optimization of public spending on both indoor and outdoor recreation infrastructure. Integrating indoor and outdoor environments can be as “simple” as ensuring interiors have good opportunities to view the outdoors.

## Ensuring Accessibility

Many current recreation and cultural facilities are putting a significant focus on ensuring that user experiences are comfortable including meeting accessibility requirements and incorporating designs that can accommodate various body types. Programming is made as accessible as possible via “layering” to provide the broadest appeal possible to people of all abilities.

Meeting the needs of various user groups is also an important aspect of accessibility. Incorporating mobile technologies, rest spaces, child-friendly spaces, crafts areas, and educational multi-purpose rooms for classes and performances is an emerging trend. Accessibility guidelines set by governments, as well as an increased understanding of the needs of different types of visitors is fueling this trend. Technology is also being embraced as a modern communication tool useful for effectively sharing messages with younger, more technologically savvy audiences.

## Revenue Generating Spaces

Facility operators of community facilities are being required to find creative and innovative ways to generate the revenues needed to both sustain current operations and fund future expansion or renovation projects. By generating sustainable revenues outside of regular government contributions, many facilities are able to demonstrate increased financial sustainability and expand service levels.

Lease spaces provide one such opportunity. Many facilities are creating new spaces or redeveloping existing areas of their facility that can be leased to food and beverage providers and other retail businesses. Short term rental spaces are another major source of revenue for many facilities. Lobby areas, programs rooms, and event hosting spaces have the potential to be rented to the corporate sector for meetings, team building activities, holiday parties, and a host of other functions.



## Social Amenities

The inclusion of social amenities provides the opportunity for multi-purpose community recreation facilities to maximize the overall experience for users as well as to potentially attract non-traditional patrons to the facility. Examples of social amenities include attractive lobby areas, common spaces, restaurants and cafeterias, spectator viewing areas, meeting facilities, and adjacent outdoor parks or green space. It is also becoming increasingly uncommon for new public facilities, especially in urban areas, to not be equipped with public wireless Internet.

Another significant benefit of equipping facilities with social amenities is the opportunity to increase usage and visitation to the facility during non-peak hours. Including spaces such as public cafeterias and open lobby spaces can result in local residents visiting the facility during non-event or non-program hours to meet friends or is simply a part of their daily routine. Many municipalities and non-profit organizations have encouraged this non-peak hour use in order to ensure that the broader populace perceives that the facility is accessible and available to all members of the community.

## Service Delivery Trends

### Partnerships

Partnerships in the provision of recreation and parks opportunities are becoming more prevalent. These partnerships can take a number of forms, and include government, not for profit organizations, schools and the private sector. While the provision of recreation and parks services has historically relied on municipal levels of the government, many local governments are increasingly looking to form partnerships that can enhance service levels and more efficiently lever public funds.

Examples of partnerships include facility naming and sponsorship arrangements, lease/contract agreements, the contracted operation of spaces, entire facilities, or delivery of programs. According to one study<sup>5</sup> over three-quarters (76%) of Canadian municipalities work with schools in their communities to encourage the participation of municipal residents in physical activities. Just under half of Canadian municipalities work with local non-profits (46%), health settings (40%), or workplaces (25%) to encourage participation in physical activities amongst their residents. Seventy-six percent (76%) of municipalities with a population of 1,000 to 9,999 to 80% of municipalities over 100,000 in population have formed agreements with school boards for shared use of facilities. In fact since 2000, the proportion of municipalities that have reported working with schools, health settings, and local non-profit organizations has increased by 10% to 20%.

5 "Municipal Opportunities for Physical Activity" Bulletin 6: Strategic partnerships. 2010, Canadian Fitness & Lifestyle Research Institute.



## Social Inclusion

The concept of social inclusion is becoming an issue communities are addressing. While always an important issue, its significance has risen as communities have become more diversified through immigration.

Social inclusion is about making sure that all children and adults are able to participate as valued, respected, and contributing members of society. It involves the basic notions of belonging, acceptance, and recognition. For immigrants, social inclusion would be manifested in full and equal participation in all facets of a community including economic, social, cultural, and political realms. It goes beyond including “outsiders” or “newcomers.” In fact social inclusion is about the elimination of the boundaries or barriers between “us” and “them.”<sup>6</sup> There is a recognition that diversity has worth unto itself and is not something that must be overcome.<sup>7</sup>

## Community Development

The combined factors of decreasing support from other levels of government, increasing demand for new and exciting recreation infrastructure and programs, and the changing nature of the volunteer has led many local government providers (e.g. municipalities and regional districts) to adopt a community development focus in service delivery. This, in addition to the direct delivery of recreation facilities and programs, includes the facilitation of empowering local non-profit groups to operate facilities and/or offer programs to residents thereby leveraging public resources and providing more value for public investment.

Community development is the process of creating change through a model of greater public participation; the engagement of the entire community from the individual up. The concept of community development has a broader reach than just the delivery of recreation and parks programs and facilities; it is commonly understood to be the broader involvement of the general public in decision making and delivery. Community development in recreation delivery encompasses supporting and guiding volunteer groups to ultimately become self-sufficient while providing facilities and programs.

While issues of social inclusion are pertinent for all members of a community, they can be particularly relevant for adolescents of immigrant families. Immigrant youth can feel pulled in opposite directions between their own cultural values and a desire to “fit in” to their new home. This tension can be exacerbated in those situations in which parents are experiencing stress due to settlement. Children living in families which are struggling are more likely to be excluded from some of the aspects of life essential to their healthy development. Children are less likely to have positive experiences at school, less likely to participate in recreation, and less likely to get along well with friends, if they live in families struggling with parental depression, family dysfunction, or violence.<sup>8</sup>

Financial barriers to participation in recreation, sport, and cultural activities continue to exist for many British Columbia residents. Understanding the potential benefits that can result from engaging citizens in a broad range of activities and programs, municipalities have undertaken a number of initiatives aimed at removing financial barriers. Current initiatives being led or supported by many municipalities include the Canadian Parks and Recreation Association’s ‘Everybody Gets to Play’ program, KidSport, and JumpStart.

6 Omidvar, Ratna, Ted Richmand (2003). *Immigrant Settlement and Social Inclusion in Canada*. The Laidlaw Foundation.

7 Harvey, Louise (2002). *Social Inclusion Research in Canada: Children and Youth*. The Canadian Council on Social Development’s “Progress of Canada’s Children”.

8 Harvey, Louise (2002). *Social Inclusion Research in Canada: Children and Youth*. The Canadian Council on Social Development’s “Progress of Canada’s Children”.



## Sport Tourism

Sport Tourism is often a driver of partnerships and infrastructure development. Available Statistics Canada data (2014) indicates that the sports tourism industry in British Columbia is valued at \$300 million annually, and is the fastest growing segment of the tourism industry.<sup>9</sup> *Note: The following chart has been adapted from the Canadian Sport Tourism Alliance.*

| Sport Tourism        | Volume: Person Visits |                   |             |
|----------------------|-----------------------|-------------------|-------------|
|                      | 2011                  | 2012              | Change      |
| Canada: Same-Day     | 9,235,000             | 8,598,000         | -6.9%       |
| Canada: Overnight    | 8,954,000             | 9,903,000         | 10.6%       |
| <b>Canada: Total</b> | <b>18,189,000</b>     | <b>18,501,000</b> | <b>1.7%</b> |
| U.S.A.               | 499,500               | 501,800           | 0.5%        |
| Overseas             | 366,300               | 371,800           | 1.5%        |
| <b>Total</b>         | <b>19,054,800</b>     | <b>19,374,600</b> | <b>1.7%</b> |

Many local governments (municipalities and regional districts) are reacting to the growth and opportunities associated with sport tourism by dedicating resources to the attraction and retention of events. The emergence of sport councils (or similar entities) is a trend that is continuing in many communities and regions. These organizations often receive public support and are tasked with building sport tourism capacity and working with community sport organizations and volunteers in the attraction and hosting of events. Some local governments have also decided to dedicate internal staff resources to sport tourism through the creation of new positions or re-allocation of roles.

Sport tourism generates non-local spending in a community and region (economic impact), can offset operating costs of facilities (through rentals), and can enhance community profile at the provincial, national, and international level. Sport tourism can also generate opportunities for local athlete development and can lead to varying forms of community legacy such as infrastructure development and endowment funds.

While sport tourism can be highly beneficial to a community, it is important to consider a number of factors when allocating resources in order to ensure that investment provides positive and long-lasting impacts. This is especially the case when considering the pursuit of larger scale events and competitions. Best practices that should be followed include:

- Infrastructure investment (enhancement or new development) needs to be sustainable and beneficial to a wide array of residents.
- Volunteer capacity needs to be accurately assessed and deemed appropriate.
- The pursuit of events needs to be strategically aligned with community values and goals.



9 Sport Tourism (Destination BC), Destination BC: Tourism Business Essentials: Sport Tourism Guide.

## Volunteerism

The **2010 Canadian Survey of Giving, Volunteering and Participating**<sup>10</sup> helps reveal a number of current trends in individual volunteerism and the broader volunteer sector. Encouragingly, data from the Survey reflects that overall volunteerism is on the rise. Since 2007 (last available data) over 800,000 more Canadians have volunteered. In contrast to the commonly held perspective that youth aren't interested in volunteering, data from the Survey reflects that Canadians aged 15 – 24 volunteer more than any other age group.

However data from the Survey supports that the nature of volunteerism is changing. Between 2007 and 2010, the average annual volunteer hours contributed by Canadians decreased by approximately 6% from 166 to 156. Hours contributed to volunteerism on an annual basis appear to be highly influenced by age. While a higher proportion of Canadians aged 45 – 54 volunteer on an annual basis as compared to individuals aged 55 – 64, the number of hours they contribute is less.

The British Columbia sub-segment findings of the Survey further reveal a number of trends specific to the province.

- British Columbians volunteer at a higher rate than the national average. Nearly half (49.8%) of BC residents aged 15 and over volunteered in 2010 as compared to the national average of 47.0%.
- Some interesting contrasts exist between provincial and national averages with regards to volunteerism by age-segment. Residents aged 44 and younger as well those aged 55 and older volunteer at a higher proportion in British Columbia. However volunteerism is lower than national averages in the 45 – 54 age segment.
- Education and income levels appear to influence volunteer behaviour. British Columbians with a University degree had the highest rates of volunteerism. Rates of volunteerism also increase in lock-step with household income levels.
- The presence of school aged children in a household influence volunteerism. Nearly 60% of households with school aged children volunteer as compared to just 41% of households without children and 45% of households with children that are not school aged.



10 Volunteer Canada: <http://volunteer.ca/content/canada-surveygiving-volunteering-and-participating>

Volunteer Canada<sup>11</sup> also provides a resources which identifies additional trends related to volunteerism. Identified below are nine key trends that are currently impacting the volunteer sector provincial and nationally.

- **Much comes from the few.** While 47% of Canadians volunteer, over one-third (34%) of all volunteer hours were contributed by 5% of total volunteers.
- **The new volunteer.** Young people volunteer to gain work related skills (Canadians aged 15 – 24 volunteer more than any other age group). New Canadians also volunteer to develop work experience and to practice language skills. Persons with disabilities may volunteer as a way to more fully participate in community life.
- **Volunteer job design.** Volunteer job design can be the best defense for changing demographics and fluctuations in funding.
- **Mandatory volunteering.** There are mandatory volunteer programs through Workfare, Community Service Order and school mandated community work.
- **Volunteering by contract.** The changing volunteer environment is redefining volunteer commitment as a negotiated and mutually beneficial arrangement rather than a one-way sacrifice of time by the volunteer.
- **Risk management.** Considered part of the process of job design for volunteers, risk management ensures the organization can place the right volunteer in the appropriate activity.
- **Borrowing best practices.** The voluntary sector has responded to the changing environment by adopting corporate and public sector management practices including standards, codes of conduct, accountability and transparency measures around program administration, demand for evaluation, and outcome measurement.
- **Professional volunteer management.** Managers of volunteer resources are working toward establishing an equal footing with other professionals in the voluntary sector.
- **Board governance.** Volunteer boards must respond to the challenge of acting as both supervisors and strategic planners.

## Providing Recreation and Leisure Opportunities for Older Adults

By 2031, almost one in four people in British Columbia (approximately 1.3 million people) will be over the age of 65.<sup>12</sup> This trend will require all sectors of public health and wellness to ensure that adequate opportunities exist for older adults to be healthy and active.

**The World Health Organization's (WHO) Global Strategy on Diet, Physical Activity and Health** identifies a number of benefits that can result due to the provision of quality and appropriate physical activity opportunities for older adults.

- Lower rates of all-cause mortality, coronary heart disease, high blood pressure, stroke, type 2 diabetes, colon cancer and breast cancer, a higher level of cardiorespiratory and muscular fitness, healthier body mass and composition;
- Biomarker profile that is more favourable for the prevention of cardiovascular disease, type 2 diabetes and the enhancement of bone health; and
- Exhibit higher levels of functional health, a lower risk of falling, and better cognitive function; have reduced risk of moderate and severe functional limitations and role limitations.

11 Volunteer Canada: volunteer.ca

12 Seniors in British Columbia—A Healthy Living Framework.



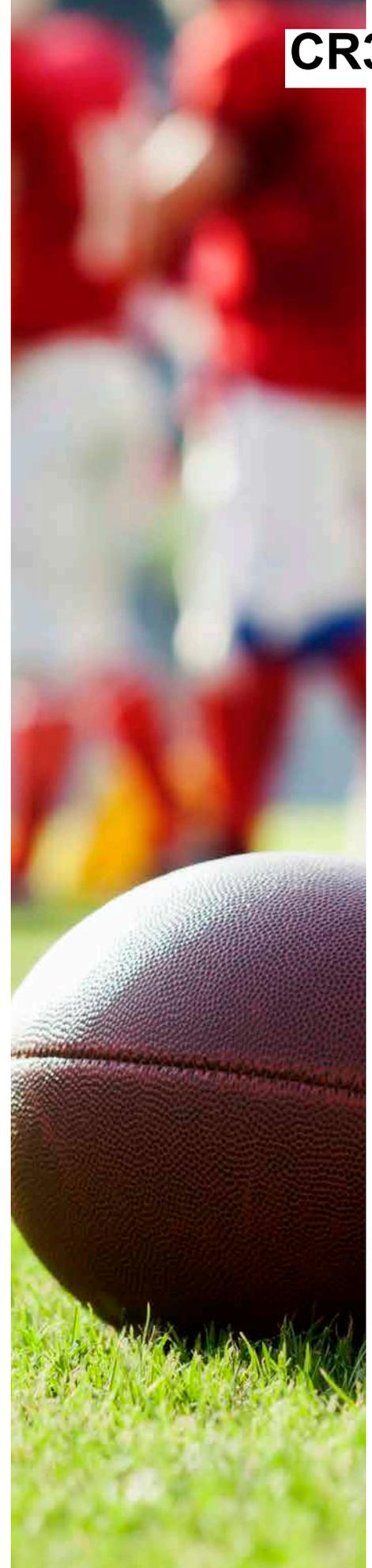
The WHO further outlines six specific guideline recommendations for older adult physical activity levels.

1. Older adults should do at least 150 minutes of moderate-intensity aerobic physical activity throughout the week or do at least 75 minutes of vigorous-intensity aerobic physical activity throughout the week or an equivalent combination of moderate- and vigorous-intensity activity.
2. Aerobic activity should be performed in bouts of at least 10 minutes duration.
3. For additional health benefits, older adults should increase their moderate-intensity aerobic physical activity to 300 minutes per week, or engage in 150 minutes of vigorous-intensity aerobic physical activity per week, or an equivalent combination of moderate-and vigorous-intensity activity.
4. Older adults, with poor mobility, should perform physical activity to enhance balance and prevent falls on 3 or more days per week.
5. Muscle-strengthening activities, involving major muscle groups, should be done on 2 or more days a week.
6. When older adults cannot do the recommended amounts of physical activity due to health conditions, they should be as physically active as their abilities and conditions allow.

#### Impact of the “Baby Boom” Generation

The baby boom generation is generally characterized as being born between the years of 1946-1965. Therefore, this age segment ranges between the ages of 52 and 71, comprising a significant portion of the “senior” population. Research has indicated that of all the generations within the older adult age group, the “baby boomer” generation will have the greatest impact on the future planning and delivery of recreation services. This is largely because of the size of this age cohort and the fact that their interests and behaviours will result in a new type of older adult.<sup>13</sup>

As the “baby boom” generation is a major contributor of the senior population expansion, it is interesting to note the accompanying social trends of this generation. Compared to preceding generations, “baby boomers” are found to be more highly educated, have longer life expectancy and more personal wealth. With higher education, more are recognizing the importance of physical activity, causing the recent decrease of inactivity in the senior population. However, inactivity and sedentary behaviour is still a consistent health issue for the senior population.



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13 Leisureplan International Inc. City of Vaughan Older Adult Recreation Strategy.

### Identifying and Mitigating Barriers to Participation

As the senior population of Canada, British Columbia and Vancouver Island continues to grow, demand for recreation services will increase significantly for years to come. Therefore, a comprehensive understanding of senior behaviour and recreational preferences is essential to the effective delivery of recreational services and the prevention of sedentary behaviour. Although a lack of resources may be a contributing factor to inactivity in the senior population, other social and psychological factors are as much if not greater of a contributor to senior inactivity. The most common barriers confronting recreation and physical activity participants in the older adult age group are:

- Physical accessibility, which can include a lack of transportation to recreation spaces
- Safety concerns, including fear of injury
- Lack of available or accessible information of current programs and services provided to older adults, especially those that have cognitive or language limitations
- Lack of physical and emotional support from family or friends
- Social isolation
- Lack of motivation
- Cost
- Migration Factors

### Meeting Evolving Recreation Demands and Preferences

Although many “traditional” activities such as bingo, bridge and shuffleboard remain popular among older adult populations, demands and preferences are evolving. Specifically, younger cohorts of older adults (notably the “baby boom” generation) have differing preferences than previous generations and are participating in more light to moderately vigorous forms of physical activity, such as:

- Pickleball
- Trekking
- Hiking
- Water aerobics
- Dancing
- Yoga

Participants and providers alike are also focusing on providing more opportunities for multi-generational activities and programming. This trend is driven both by participants demand (e.g. opportunities to engage in programming with younger family members and friends) as well as an increasing recognition of the social and community benefits that multi-generational interaction can provide.



# Appendices



A: Resident Survey: Results Filtered by Jurisdiction . . . . . 52

APPENDIX A

Resdient Survey:  
Results Filtered  
by Jurisdiction



Favourite Household Activities: Indoor

| Favourite Household Activities: Indoor                       | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Arts and crafts  | 48%     | 47%    | 45%    | 48%    | 58%    | 47%    | 36%    | 45%    | 40%    | 39%    | 48%    | 48%            | 47%       | 52%           |
| Curling  | 13%     | 22%    | 11%    | 13%    | 11%    | 6%     | 29%    | 11%    | 7%     | 17%    | 11%    | 11%            | 15%       | 21%           |
| Dance  | 17%     | 20%    | 19%    | 14%    | 23%    | 15%    | 21%    | 11%    | 12%    | 17%    | 23%    | 15%            | 17%       | 27%           |
| Figure Skating   | 8%      | 9%     | 11%    | 5%     | 8%     | 3%     | 7%     | 8%     | 2%     | 9%     | 8%     | 8%             | 10%       | 21%           |
| Fitness class (e.g. spin, yoga, boot camp)                   | 39%     | 46%    | 45%    | 39%    | 36%    | 46%    | 50%    | 29%    | 19%    | 43%    | 38%    | 39%            | 41%       | 36%           |
| Fitness training at a gym (e.g. cardio, weight training)     | 38%     | 39%    | 42%    | 37%    | 38%    | 33%    | 57%    | 34%    | 33%    | 30%    | 41%    | 38%            | 33%       | 30%           |
| Gymnasium sports (e.g. basketball, volleyball, court sports) | 15%     | 23%    | 13%    | 8%     | 16%    | 9%     | 7%     | 18%    | 10%    | 9%     | 18%    | 15%            | 15%       | 21%           |
| Hockey   | 15%     | 15%    | 14%    | 12%    | 24%    | 10%    | 29%    | 9%     | 7%     | 13%    | 13%    | 12%            | 15%       | 33%           |
| Ice skating (public skating)                                 | 21%     | 29%    | 21%    | 16%    | 31%    | 18%    | 14%    | 14%    | 19%    | 22%    | 23%    | 18%            | 22%       | 27%           |
| Inline or ball hockey  | 5%      | 4%     | 5%     | 3%     | 5%     | 0%     | 7%     | 6%     | 2%     | 0%     | 3%     | 5%             | 6%        | 12%           |
| Lacrosse   | 5%      | 2%     | 6%     | 5%     | 8%     | 3%     | 7%     | 6%     | 2%     | 0%     | 4%     | 4%             | 5%        | 6%            |
| Martial arts   | 7%      | 7%     | 10%    | 6%     | 8%     | 1%     | 7%     | 3%     | 5%     | 4%     | 6%     | 7%             | 5%        | 21%           |
| Social functions   | 36%     | 31%    | 39%    | 39%    | 31%    | 38%    | 36%    | 34%    | 31%    | 35%    | 39%    | 35%            | 31%       | 45%           |
| Swimming drop-in (e.g. lane swimming, family swimming)       | 43%     | 45%    | 49%    | 34%    | 45%    | 44%    | 50%    | 38%    | 40%    | 39%    | 51%    | 45%            | 46%       | 36%           |
| Swimming program (e.g. lessons, sport club, aquasize)        | 26%     | 28%    | 19%    | 19%    | 29%    | 27%    | 36%    | 15%    | 33%    | 13%    | 34%    | 27%            | 32%       | 24%           |
| Theatre performances   | 54%     | 49%    | 45%    | 61%    | 53%    | 53%    | 43%    | 45%    | 43%    | 43%    | 59%    | 62%            | 40%       | 52%           |
| Walking  | 58%     | 55%    | 61%    | 54%    | 63%    | 53%    | 64%    | 51%    | 64%    | 65%    | 65%    | 57%            | 60%       | 61%           |

## Favourite Indoor Activities by Season: Winter (December – February)

| <b>Favourite Indoor Activities by Season</b><br>Winter (December – February)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Arts and crafts  | 91%     | 91%    | 93%    | 90%    | 98%    | 92%    | 80%    | 97%    | 94%    | 100%   | 91%    | 92%            | 86%       | 82%           |
| Curling  | 93%     | 100%   | 92%    | 95%    | 89%    | 100%   | 100%   | 100%   | 67%    | 100%   | 88%    | 85%            | 100%      | 100%          |
| Dance  | 80%     | 79%    | 74%    | 85%    | 94%    | 92%    | 67%    | 86%    | 80%    | 75%    | 88%    | 78%            | 92%       | 67%           |
| Figure Skating   | 93%     | 89%    | 92%    | 86%    | 100%   | 100%   | 100%   | 80%    | 0%     | 100%   | 100%   | 91%            | 100%      | 100%          |
| Fitness class<br>(e.g. spin, yoga, boot camp)  | 93%     | 93%    | 96%    | 88%    | 97%    | 100%   | 86%    | 89%    | 100%   | 80%    | 93%    | 94%            | 97%       | 83%           |
| Fitness training at a gym<br>(e.g. cardio, weight training)  | 94%     | 92%    | 100%   | 91%    | 100%   | 96%    | 88%    | 91%    | 79%    | 100%   | 93%    | 95%            | 96%       | 80%           |
| Gymnasium sports<br>(e.g. basketball, volleyball, court sports)  | 86%     | 82%    | 93%    | 100%   | 77%    | 100%   | 100%   | 67%    | 75%    | 100%   | 77%    | 89%            | 100%      | 57%           |
| Hockey   | 98%     | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 67%    | 100%   | 100%   | 96%            | 100%      | 100%          |
| Ice skating (public skating)   | 97%     | 100%   | 100%   | 100%   | 96%    | 100%   | 100%   | 78%    | 88%    | 100%   | 94%    | 97%            | 100%      | 100%          |
| Inline or ball hockey  | 54%     | 50%    | 50%    | 40%    | 25%    | n/a    | 0%     | 50%    | 0%     | n/a    | 50%    | 70%            | 80%       | 25%           |
| Lacrosse   | 36%     | 50%    | 43%    | 29%    | 33%    | 50%    | 0%     | 0%     | 0%     | n/a    | 33%    | 33%            | 75%       | 0%            |
| Martial arts   | 82%     | 71%    | 100%   | 78%    | 83%    | 100%   | 0%     | 50%    | 50%    | 100%   | 50%    | 87%            | 100%      | 71%           |
| Social functions   | 89%     | 86%    | 87%    | 88%    | 80%    | 93%    | 100%   | 95%    | 100%   | 88%    | 93%    | 90%            | 92%       | 80%           |
| Swimming drop-in<br>(e.g. lane swimming, family swimming)  | 92%     | 88%    | 90%    | 90%    | 92%    | 97%    | 100%   | 92%    | 94%    | 89%    | 89%    | 92%            | 100%      | 100%          |
| Swimming program<br>(e.g. lessons, sport club, aquasize)   | 89%     | 89%    | 74%    | 93%    | 96%    | 100%   | 100%   | 80%    | 86%    | 67%    | 92%    | 89%            | 88%       | 75%           |
| Theatre performances   | 92%     | 98%    | 96%    | 97%    | 86%    | 98%    | 83%    | 90%    | 94%    | 90%    | 90%    | 92%            | 87%       | 94%           |
| Walking  | 86%     | 87%    | 90%    | 88%    | 86%    | 88%    | 78%    | 91%    | 81%    | 87%    | 78%    | 86%            | 94%       | 70%           |

## Favourite Indoor Activities by Season: Spring (March – May)

| <b>Favourite Indoor Activities by Season</b><br>Spring (March – May)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Arts and crafts  | 52%     | 56%    | 56%    | 53%    | 57%    | 51%    | 40%    | 55%    | 41%    | 56%    | 59%    | 54%            | 46%       | 35%           |
| Curling  | 17%     | 24%    | 8%     | 16%    | 0%     | 0%     | 0%     | 43%    | 0%     | 0%     | 25%    | 26%            | 25%       | 0%            |
| Dance  | 67%     | 63%    | 78%    | 65%    | 44%    | 75%    | 67%    | 57%    | 60%    | 75%    | 81%    | 68%            | 69%       | 67%           |
| Figure Skating   | 25%     | 33%    | 46%    | 71%    | 17%    | 0%     | 0%     | 20%    | 0%     | 0%     | 0%     | 21%            | 25%       | 14%           |
| Fitness class<br>(e.g. spin, yoga, boot camp)  | 82%     | 82%    | 87%    | 84%    | 79%    | 86%    | 71%    | 84%    | 88%    | 60%    | 89%    | 85%            | 84%       | 75%           |
| Fitness training at a gym<br>(e.g. cardio, weight training)  | 80%     | 89%    | 90%    | 81%    | 70%    | 73%    | 75%    | 86%    | 71%    | 100%   | 79%    | 79%            | 88%       | 70%           |
| Gymnasium sports<br>(e.g. basketball, volleyball, court sports)  | 65%     | 77%    | 60%    | 75%    | 31%    | 86%    | 0%     | 50%    | 75%    | 50%    | 69%    | 68%            | 92%       | 43%           |
| Hockey   | 34%     | 29%    | 53%    | 35%    | 42%    | 38%    | 25%    | 50%    | 33%    | 67%    | 22%    | 25%            | 42%       | 18%           |
| Ice skating (public skating)   | 26%     | 29%    | 40%    | 22%    | 20%    | 36%    | 0%     | 33%    | 25%    | 40%    | 6%     | 15%            | 29%       | 22%           |
| Inline or ball hockey  | 54%     | 75%    | 50%    | 80%    | 75%    | n/a    | 0%     | 50%    | 0%     | n/a    | 100%   | 35%            | 60%       | 25%           |
| Lacrosse   | 65%     | 50%    | 86%    | 71%    | 67%    | 50%    | 100%   | 50%    | 0%     | n/a    | 33%    | 78%            | 50%       | 50%           |
| Martial arts   | 79%     | 86%    | 67%    | 78%    | 83%    | 100%   | 100%   | 50%    | 50%    | 100%   | 75%    | 87%            | 100%      | 57%           |
| Social functions   | 78%     | 79%    | 78%    | 77%    | 80%    | 80%    | 80%    | 73%    | 69%    | 63%    | 86%    | 81%            | 79%       | 73%           |
| Swimming drop-in<br>(e.g. lane swimming, family swimming)  | 82%     | 84%    | 88%    | 84%    | 89%    | 80%    | 86%    | 72%    | 76%    | 78%    | 81%    | 80%            | 92%       | 75%           |
| Swimming program<br>(e.g. lessons, sport club, aquasize)   | 80%     | 93%    | 87%    | 79%    | 74%    | 95%    | 60%    | 60%    | 71%    | 67%    | 88%    | 76%            | 100%      | 75%           |
| Theatre performances   | 78%     | 70%    | 80%    | 70%    | 79%    | 74%    | 83%    | 72%    | 61%    | 60%    | 90%    | 81%            | 87%       | 88%           |
| Walking  | 92%     | 88%    | 96%    | 91%    | 92%    | 95%    | 89%    | 97%    | 89%    | 100%   | 93%    | 92%            | 96%       | 85%           |

## Favourite Indoor Activities by Season: Summer (June – August)

| <b>Favourite Indoor Activities by Season</b><br>Summer (June – August)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Arts and crafts  | 39%     | 38%    | 44%    | 43%    | 41%    | 49%    | 60%    | 38%    | 29%    | 33%    | 44%    | 37%            | 30%       | 24%           |
| Curling  | 4%      | 5%     | 0%     | 0%     | 0%     | 0%     | 0%     | 0%     | 33%    | 0%     | 0%     | 9%             | 8%        | 0%            |
| Dance  | 37%     | 32%    | 52%    | 45%    | 28%    | 58%    | 33%    | 14%    | 60%    | 100%   | 31%    | 34%            | 31%       | 33%           |
| Figure Skating   | 7%      | 0%     | 15%    | 29%    | 17%    | 0%     | 0%     | 0%     | 100%   | 0%     | 0%     | 0%             | 13%       | 0%            |
| Fitness class<br>(e.g. spin, yoga, boot camp)  | 52%     | 50%    | 59%    | 65%    | 45%    | 64%    | 43%    | 37%    | 75%    | 30%    | 52%    | 52%            | 34%       | 33%           |
| Fitness training at a gym<br>(e.g. cardio, weight training)  | 58%     | 65%    | 66%    | 64%    | 50%    | 54%    | 63%    | 55%    | 64%    | 57%    | 66%    | 54%            | 58%       | 40%           |
| Gymnasium sports<br>(e.g. basketball, volleyball, court sports)  | 37%     | 45%    | 40%    | 58%    | 8%     | 43%    | 0%     | 17%    | 100%   | 0%     | 38%    | 26%            | 75%       | 43%           |
| Hockey   | 10%     | 14%    | 12%    | 6%     | 11%    | 25%    | 0%     | 17%    | 33%    | 0%     | 11%    | 4%             | 17%       | 9%            |
| Ice skating (public skating)   | 8%      | 4%     | 4%     | 4%     | 8%     | 21%    | 0%     | 0%     | 25%    | 0%     | 6%     | 5%             | 12%       | 0%            |
| Inline or ball hockey  | 41%     | 25%    | 50%    | 40%    | 0%     | n/a    | 100%   | 25%    | 100%   | n/a    | 100%   | 26%            | 40%       | 50%           |
| Lacrosse   | 53%     | 0%     | 29%    | 71%    | 33%    | 100%   | 0%     | 75%    | 100%   | n/a    | 100%   | 50%            | 50%       | 50%           |
| Martial arts   | 55%     | 43%    | 67%    | 56%    | 100%   | 100%   | 0%     | 0%     | 50%    | 100%   | 75%    | 43%            | 100%      | 14%           |
| Social functions   | 75%     | 69%    | 74%    | 59%    | 80%    | 73%    | 80%    | 77%    | 62%    | 50%    | 93%    | 78%            | 88%       | 80%           |
| Swimming drop-in<br>(e.g. lane swimming, family swimming)  | 59%     | 72%    | 50%    | 58%    | 58%    | 49%    | 71%    | 52%    | 65%    | 22%    | 67%    | 58%            | 81%       | 67%           |
| Swimming program<br>(e.g. lessons, sport club, aquasize)   | 56%     | 74%    | 52%    | 54%    | 35%    | 62%    | 40%    | 70%    | 57%    | 100%   | 79%    | 50%            | 72%       | 25%           |
| Theatre performances   | 61%     | 49%    | 63%    | 60%    | 55%    | 62%    | 83%    | 48%    | 56%    | 50%    | 76%    | 59%            | 68%       | 76%           |
| Walking  | 91%     | 92%    | 93%    | 90%    | 84%    | 95%    | 100%   | 94%    | 89%    | 93%    | 93%    | 92%            | 94%       | 90%           |

## Favourite Indoor Activities by Season: Fall (September – November)

| <b>Favourite Indoor Activities by Season</b><br>Fall (September – November)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Arts and crafts   | 67%     | 73%    | 76%    | 76%    | 67%    | 54%    | 40%    | 66%    | 59%    | 56%    | 65%    | 69%            | 59%       | 82%           |
| Curling   | 48%     | 52%    | 54%    | 74%    | 22%    | 80%    | 75%    | 43%    | 0%     | 50%    | 50%    | 53%            | 42%       | 14%           |
| Dance   | 71%     | 74%    | 65%    | 65%    | 56%    | 83%    | 67%    | 71%    | 80%    | 75%    | 56%    | 82%            | 69%       | 56%           |
| Figure Skating  | 47%     | 56%    | 54%    | 71%    | 67%    | 50%    | 0%     | 80%    | 0%     | 0%     | 17%    | 45%            | 25%       | 43%           |
| Fitness class<br>(e.g. spin, yoga, boot camp)   | 84%     | 86%    | 80%    | 91%    | 86%    | 83%    | 71%    | 68%    | 88%    | 80%    | 85%    | 85%            | 94%       | 83%           |
| Fitness training at a gym<br>(e.g. cardio, weight training)   | 84%     | 95%    | 92%    | 85%    | 77%    | 65%    | 100%   | 82%    | 64%    | 100%   | 83%    | 82%            | 92%       | 90%           |
| Gymnasium sports<br>(e.g. basketball, volleyball, court sports)   | 72%     | 68%    | 80%    | 83%    | 77%    | 100%   | 0%     | 33%    | 75%    | 0%     | 54%    | 74%            | 92%       | 57%           |
| Hockey  | 70%     | 57%    | 82%    | 71%    | 74%    | 88%    | 75%    | 83%    | 0%     | 33%    | 67%    | 75%            | 75%       | 73%           |
| Ice skating (public skating)  | 54%     | 64%    | 48%    | 35%    | 64%    | 57%    | 100%   | 67%    | 38%    | 40%    | 44%    | 49%            | 47%       | 56%           |
| Inline or ball hockey   | 45%     | 25%    | 33%    | 20%    | 25%    | n/a    | 100%   | 75%    | 0%     | n/a    | 50%    | 39%            | 80%       | 50%           |
| Lacrosse  | 27%     | 0%     | 14%    | 29%    | 17%    | 50%    | 0%     | 50%    | 0%     | n/a    | 33%    | 28%            | 25%       | 0%            |
| Martial arts  | 76%     | 86%    | 75%    | 67%    | 83%    | 100%   | 0%     | 50%    | 50%    | 100%   | 75%    | 77%            | 100%      | 57%           |
| Social functions  | 83%     | 79%    | 76%    | 77%    | 88%    | 80%    | 80%    | 86%    | 77%    | 100%   | 93%    | 86%            | 79%       | 67%           |
| Swimming drop-in<br>(e.g. lane swimming, family swimming)   | 84%     | 88%    | 79%    | 74%    | 83%    | 89%    | 86%    | 92%    | 88%    | 67%    | 83%    | 84%            | 92%       | 83%           |
| Swimming program<br>(e.g. lessons, sport club, aquasize)  | 81%     | 81%    | 78%    | 75%    | 83%    | 100%   | 60%    | 80%    | 57%    | 67%    | 88%    | 82%            | 92%       | 63%           |
| Theatre performances  | 86%     | 87%    | 91%    | 80%    | 90%    | 83%    | 67%    | 83%    | 89%    | 80%    | 93%    | 88%            | 84%       | 88%           |
| Walking   | 90%     | 88%    | 93%    | 83%    | 92%    | 88%    | 89%    | 91%    | 93%    | 93%    | 91%    | 90%            | 94%       | 90%           |

## Favourite Household Activities: Outdoor

| Favourite Household Activities: Outdoor  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Activities at the beach (e.g. volleyball, Frisbee, water activities)                 | 45%     | 44%    | 55%    | 35%    | 54%    | 49%    | 21%    | 35%    | 48%    | 52%    | 38%    | 45%            | 46%       | 55%           |
| Agricultural (e.g. equestrian, rodeo)  | 13%     | 8%     | 13%    | 12%    | 16%    | 22%    | 14%    | 6%     | 10%    | 9%     | 14%    | 11%            | 10%       | 21%           |
| Ball (baseball, softball, slo-pitch)   | 16%     | 14%    | 15%    | 13%    | 16%    | 6%     | 21%    | 17%    | 14%    | 17%    | 15%    | 14%            | 21%       | 30%           |
| BBQ/picnic/social gathering  | 56%     | 52%    | 59%    | 57%    | 49%    | 58%    | 50%    | 42%    | 48%    | 61%    | 56%    | 58%            | 59%       | 67%           |
| Community events   | 48%     | 44%    | 44%    | 44%    | 41%    | 42%    | 36%    | 48%    | 43%    | 48%    | 59%    | 50%            | 56%       | 58%           |
| Cycling/mountain biking  | 39%     | 42%    | 56%    | 34%    | 49%    | 47%    | 29%    | 32%    | 24%    | 30%    | 34%    | 40%            | 36%       | 42%           |
| Field sports (soccer, rugby, football, cricket)                                      | 12%     | 8%     | 14%    | 13%    | 11%    | 8%     | 14%    | 6%     | 10%    | 0%     | 13%    | 14%            | 18%       | 18%           |
| Gardening  | 73%     | 76%    | 70%    | 79%    | 71%    | 77%    | 86%    | 75%    | 69%    | 70%    | 63%    | 76%            | 65%       | 67%           |
| Golf   | 27%     | 27%    | 27%    | 32%    | 23%    | 18%    | 43%    | 38%    | 24%    | 30%    | 14%    | 27%            | 24%       | 24%           |
| Hiking/walking   | 81%     | 83%    | 84%    | 74%    | 86%    | 73%    | 86%    | 82%    | 76%    | 74%    | 79%    | 83%            | 86%       | 85%           |
| Horseback riding/equestrian activities   | 10%     | 15%    | 13%    | 10%    | 13%    | 18%    | 21%    | 3%     | 7%     | 4%     | 8%     | 8%             | 9%        | 12%           |
| Lacrosse   | 4%      | 2%     | 4%     | 4%     | 10%    | 1%     | 7%     | 5%     | 2%     | 0%     | 4%     | 4%             | 6%        | 6%            |
| Lawnbowling  | 6%      | 11%    | 5%     | 3%     | 5%     | 3%     | 7%     | 3%     | 2%     | 0%     | 4%     | 7%             | 6%        | 6%            |
| Outdoor court/paved surface activities (e.g. ball hockey/outdoor inline, basketball) | 9%      | 6%     | 7%     | 7%     | 10%    | 4%     | 7%     | 5%     | 7%     | 13%    | 8%     | 10%            | 13%       | 21%           |
| Outdoor performances   | 37%     | 32%    | 33%    | 33%    | 43%    | 29%    | 21%    | 35%    | 33%    | 30%    | 45%    | 38%            | 49%       | 45%           |
| Paddling (kayaking, canoeing)  | 39%     | 49%    | 51%    | 34%    | 45%    | 37%    | 36%    | 38%    | 40%    | 52%    | 23%    | 37%            | 44%       | 33%           |
| Pickleball   | 9%      | 14%    | 5%     | 7%     | 4%     | 5%     | 14%    | 18%    | 7%     | 13%    | 3%     | 10%            | 18%       | 9%            |
| Rollerblading/inline skating   | 5%      | 4%     | 5%     | 6%     | 5%     | 3%     | 14%    | 2%     | 5%     | 0%     | 3%     | 6%             | 6%        | 12%           |
| Skateboarding/scooter riding/BMX   | 7%      | 8%     | 10%    | 4%     | 9%     | 8%     | 7%     | 3%     | 7%     | 0%     | 7%     | 6%             | 10%       | 15%           |
| Tennis   | 15%     | 26%    | 15%    | 11%    | 18%    | 13%    | 14%    | 14%    | 7%     | 0%     | 15%    | 17%            | 12%       | 24%           |
| Track and field  | 7%      | 6%     | 6%     | 3%     | 9%     | 9%     | 14%    | 3%     | 5%     | 0%     | 7%     | 8%             | 8%        | 12%           |

## Favourite Outdoor Activities by Season: Winter (December – February)

| <b>Favourite Outdoor Activities by Season</b><br>Winter (December – February)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Activities at the beach (e.g. volleyball, Frisbee, water activities)  | 7%      | 12%    | 11%    | 8%     | 0%     | 10%    | 0%     | 13%    | 25%    | 0%     | 7%     | 4%             | 11%       | 0%            |
| Agricultural (e.g. equestrian, rodeo)   | 36%     | 50%    | 53%    | 56%    | 23%    | 76%    | 0%     | 25%    | 75%    | 0%     | 20%    | 23%            | 38%       | 14%           |
| Ball (baseball, softball, slo-pitch)  | 4%      | 0%     | 6%     | 5%     | 8%     | 20%    | 0%     | 9%     | 33%    | 0%     | 0%     | 2%             | 13%       | 0%            |
| BBQ/picnic/social gathering   | 16%     | 20%    | 16%    | 15%    | 13%    | 22%    | 29%    | 11%    | 40%    | 21%    | 15%    | 12%            | 13%       | 5%            |
| Community events  | 69%     | 74%    | 63%    | 67%    | 58%    | 82%    | 80%    | 77%    | 56%    | 55%    | 71%    | 71%            | 73%       | 53%           |
| Cycling/mountain biking   | 34%     | 38%    | 39%    | 28%    | 44%    | 24%    | 25%    | 29%    | 60%    | 14%    | 50%    | 35%            | 36%       | 14%           |
| Field sports (soccer, rugby, football, cricket)   | 44%     | 38%    | 65%    | 58%    | 44%    | 83%    | 50%    | 50%    | 25%    | n/a    | 44%    | 38%            | 57%       | 33%           |
| Gardening   | 25%     | 31%    | 24%    | 30%    | 18%    | 28%    | 25%    | 27%    | 34%    | 19%    | 24%    | 25%            | 18%       | 23%           |
| Golf  | 26%     | 27%    | 19%    | 48%    | 17%    | 29%    | 33%    | 36%    | 40%    | 0%     | 0%     | 24%            | 21%       | 13%           |
| Hiking/walking  | 82%     | 82%    | 91%    | 81%    | 75%    | 86%    | 83%    | 92%    | 84%    | 76%    | 84%    | 79%            | 78%       | 75%           |
| Horseback riding/equestrian activities  | 60%     | 57%    | 60%    | 79%    | 40%    | 93%    | 0%     | 50%    | 100%   | 100%   | 50%    | 62%            | 43%       | 50%           |
| Lacrosse  | 31%     | 100%   | 40%    | 50%    | 13%    | 0%     | 0%     | 33%    | 100%   | n/a    | 33%    | 31%            | 20%       | 0%            |
| Lawnbowling   | 5%      | 0%     | 0%     | 0%     | 0%     | 0%     | 0%     | 0%     | 100%   | n/a    | 0%     | 7%             | 20%       | 0%            |
| Outdoor court/paved surface activities (e.g. ball hockey/outdoor inline, basketball)  | 19%     | 17%    | 25%    | 20%    | 0%     | 0%     | 0%     | 0%     | 67%    | 0%     | 33%    | 14%            | 40%       | 29%           |
| Outdoor performances  | 11%     | 7%     | 15%    | 8%     | 0%     | 13%    | 0%     | 9%     | 14%    | 29%    | 19%    | 10%            | 11%       | 20%           |
| Paddling (kayaking, canoeing)   | 15%     | 9%     | 25%    | 16%    | 17%    | 21%    | 0%     | 4%     | 12%    | 8%     | 13%    | 16%            | 21%       | 0%            |
| Pickleball  | 50%     | 62%    | 17%    | 50%    | 67%    | 75%    | 50%    | 58%    | 67%    | 67%    | 50%    | 45%            | 57%       | 0%            |
| Rollerblading/inline skating  | 13%     | 25%    | 0%     | 22%    | 0%     | 50%    | 0%     | 0%     | 50%    | n/a    | 0%     | 12%            | 20%       | 0%            |
| Skateboarding/scooter riding/BMX  | 23%     | 25%    | 8%     | 0%     | 29%    | 50%    | 0%     | 0%     | 33%    | n/a    | 20%    | 21%            | 38%       | 40%           |
| Tennis  | 16%     | 28%    | 22%    | 31%    | 14%    | 20%    | 0%     | 22%    | 67%    | n/a    | 9%     | 7%             | 22%       | 13%           |
| Track and field   | 23%     | 17%    | 14%    | 20%    | 14%    | 43%    | 50%    | 0%     | 50%    | n/a    | 40%    | 20%            | 33%       | 0%            |

## Favourite Outdoor Activities by Season: Spring (March – May)

| <b>Favourite Outdoor Activities by Season</b><br>Spring (March – May)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Activities at the beach (e.g. volleyball, Frisbee, water activities)  | 37%     | 48%    | 38%    | 37%    | 35%    | 33%    | 0%     | 57%    | 55%    | 50%    | 48%    | 30%            | 44%       | 17%           |
| Agricultural (e.g. equestrian, rodeo)   | 64%     | 63%    | 80%    | 89%    | 46%    | 82%    | 50%    | 100%   | 75%    | 50%    | 60%    | 52%            | 63%       | 57%           |
| Ball (baseball, softball, slo-pitch)  | 76%     | 62%    | 83%    | 74%    | 69%    | 80%    | 67%    | 73%    | 50%    | 100%   | 55%    | 78%            | 100%      | 50%           |
| BBQ/picnic/social gathering   | 64%     | 67%    | 69%    | 62%    | 56%    | 59%    | 57%    | 67%    | 80%    | 71%    | 53%    | 64%            | 67%       | 55%           |
| Community events  | 81%     | 81%    | 81%    | 83%    | 79%    | 82%    | 80%    | 87%    | 72%    | 82%    | 86%    | 80%            | 82%       | 79%           |
| Cycling/mountain biking   | 87%     | 83%    | 90%    | 74%    | 87%    | 84%    | 75%    | 95%    | 100%   | 86%    | 92%    | 90%            | 82%       | 86%           |
| Field sports (soccer, rugby, football, cricket)   | 83%     | 75%    | 71%    | 84%    | 78%    | 67%    | 50%    | 100%   | 75%    | n/a    | 89%    | 87%            | 86%       | 67%           |
| Gardening   | 95%     | 99%    | 94%    | 94%    | 98%    | 98%    | 67%    | 98%    | 97%    | 100%   | 96%    | 95%            | 92%       | 95%           |
| Golf  | 85%     | 92%    | 84%    | 98%    | 72%    | 71%    | 83%    | 92%    | 70%    | 100%   | 60%    | 87%            | 84%       | 75%           |
| Hiking/walking  | 96%     | 99%    | 97%    | 95%    | 91%    | 97%    | 92%    | 98%    | 94%    | 100%   | 98%    | 98%            | 94%       | 96%           |
| Horseback riding/equestrian activities  | 83%     | 79%    | 87%    | 86%    | 80%    | 100%   | 67%    | 50%    | 100%   | 100%   | 67%    | 85%            | 71%       | 75%           |
| Lacrosse  | 57%     | 0%     | 40%    | 67%    | 50%    | 100%   | 0%     | 33%    | 0%     | n/a    | 33%    | 63%            | 100%      | 50%           |
| Lawnbowling   | 54%     | 60%    | 33%    | 50%    | 25%    | 50%    | 0%     | 50%    | 0%     | n/a    | 67%    | 63%            | 60%       | 0%            |
| Outdoor court/paved surface activities (e.g. ball hockey/outdoor inline, basketball)  | 74%     | 100%   | 75%    | 70%    | 88%    | 67%    | 0%     | 67%    | 67%    | 67%    | 50%    | 71%            | 80%       | 86%           |
| Outdoor performances  | 43%     | 60%    | 46%    | 35%    | 35%    | 48%    | 67%    | 52%    | 36%    | 14%    | 38%    | 45%            | 34%       | 33%           |
| Paddling (kayaking, canoeing)   | 65%     | 68%    | 70%    | 61%    | 78%    | 79%    | 60%    | 72%    | 65%    | 67%    | 69%    | 57%            | 62%       | 55%           |
| Pickleball  | 72%     | 85%    | 67%    | 90%    | 67%    | 75%    | 50%    | 58%    | 33%    | 100%   | 100%   | 74%            | 50%       | 67%           |
| Rollerblading/inline skating  | 62%     | 50%    | 67%    | 56%    | 100%   | 50%    | 50%    | 0%     | 50%    | n/a    | 0%     | 62%            | 80%       | 50%           |
| Skateboarding/scooter riding/BMX  | 76%     | 75%    | 92%    | 67%    | 100%   | 83%    | 0%     | 50%    | 67%    | n/a    | 40%    | 71%            | 100%      | 60%           |
| Tennis  | 72%     | 76%    | 72%    | 81%    | 71%    | 70%    | 50%    | 78%    | 67%    | n/a    | 45%    | 68%            | 100%      | 75%           |
| Track and field   | 79%     | 67%    | 71%    | 80%    | 100%   | 100%   | 50%    | 100%   | 50%    | n/a    | 100%   | 77%            | 83%       | 75%           |

## Favourite Outdoor Activities by Season: Summer (June – August)

| <b>Favourite Outdoor Activities by Season</b><br>Summer (June – August)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Activities at the beach (e.g. volleyball, Frisbee, water activities)  | 99%     | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 95%    | 100%   | 100%   | 99%            | 100%      | 100%          |
| Agricultural (e.g. equestrian, rodeo)   | 87%     | 88%    | 93%    | 89%    | 92%    | 100%   | 100%   | 75%    | 75%    | 100%   | 60%    | 85%            | 100%      | 100%          |
| Ball (baseball, softball, slo-pitch)  | 80%     | 92%    | 67%    | 84%    | 77%    | 80%    | 67%    | 91%    | 50%    | 100%   | 100%   | 75%            | 63%       | 90%           |
| BBQ/picnic/social gathering   | 98%     | 98%    | 97%    | 99%    | 97%    | 100%   | 100%   | 100%   | 95%    | 86%    | 100%   | 99%            | 100%      | 95%           |
| Community events  | 91%     | 90%    | 88%    | 92%    | 88%    | 91%    | 100%   | 84%    | 89%    | 91%    | 95%    | 91%            | 100%      | 95%           |
| Cycling/mountain biking   | 96%     | 98%    | 99%    | 94%    | 100%   | 95%    | 100%   | 100%   | 90%    | 86%    | 96%    | 96%            | 100%      | 93%           |
| Field sports (soccer, rugby, football, cricket)   | 71%     | 63%    | 59%    | 68%    | 56%    | 50%    | 100%   | 100%   | 75%    | n/a    | 67%    | 72%            | 64%       | 100%          |
| Gardening   | 95%     | 90%    | 96%    | 97%    | 95%    | 98%    | 100%   | 92%    | 97%    | 88%    | 96%    | 96%            | 96%       | 95%           |
| Golf  | 97%     | 92%    | 100%   | 100%   | 83%    | 100%   | 100%   | 100%   | 90%    | 100%   | 100%   | 97%            | 100%      | 100%          |
| Hiking/walking  | 96%     | 97%    | 100%   | 97%    | 99%    | 95%    | 100%   | 96%    | 97%    | 94%    | 100%   | 96%            | 99%       | 93%           |
| Horseback riding/equestrian activities  | 94%     | 100%   | 93%    | 93%    | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 85%            | 100%      | 100%          |
| Lacrosse  | 67%     | 0%     | 80%    | 100%   | 50%    | 100%   | 100%   | 33%    | 0%     | n/a    | 100%   | 63%            | 60%       | 100%          |
| Lawnbowling   | 94%     | 80%    | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 0%     | n/a    | 100%   | 93%            | 100%      | 100%          |
| Outdoor court/paved surface activities (e.g. ball hockey/outdoor inline, basketball)  | 96%     | 83%    | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 67%    | 67%    | 100%   | 95%            | 100%      | 100%          |
| Outdoor performances  | 98%     | 93%    | 100%   | 98%    | 94%    | 96%    | 100%   | 100%   | 100%   | 86%    | 97%    | 99%            | 100%      | 100%          |
| Paddling (kayaking, canoeing)   | 98%     | 100%   | 98%    | 100%   | 94%    | 93%    | 100%   | 100%   | 100%   | 92%    | 100%   | 98%            | 100%      | 91%           |
| Pickleball  | 73%     | 77%    | 50%    | 80%    | 100%   | 75%    | 100%   | 42%    | 33%    | 67%    | 100%   | 79%            | 57%       | 100%          |
| Rollerblading/inline skating  | 89%     | 50%    | 100%   | 78%    | 100%   | 100%   | 100%   | 100%   | 50%    | n/a    | 100%   | 88%            | 100%      | 100%          |
| Skateboarding/scooter riding/BMX  | 97%     | 100%   | 92%    | 100%   | 100%   | 100%   | 100%   | 100%   | 67%    | n/a    | 100%   | 96%            | 100%      | 100%          |
| Tennis  | 95%     | 92%    | 100%   | 100%   | 93%    | 100%   | 100%   | 100%   | 67%    | n/a    | 91%    | 95%            | 100%      | 88%           |
| Track and field   | 86%     | 33%    | 100%   | 80%    | 86%    | 100%   | 100%   | 50%    | 50%    | n/a    | 100%   | 91%            | 83%       | 50%           |

## Favourite Outdoor Activities by Season: Fall (September – November)

| <b>Favourite Outdoor Activities by Season</b><br>Fall (September – November)<br><i>(Of households that participated in the activity, x% participated in this season)</i> | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Activities at the beach (e.g. volleyball, Frisbee, water activities)   | 23%     | 29%    | 24%    | 22%    | 16%    | 18%    | 0%     | 39%    | 45%    | 33%    | 44%    | 17%            | 22%       | 17%           |
| Agricultural (e.g. equestrian, rodeo)  | 62%     | 63%    | 73%    | 83%    | 69%    | 82%    | 50%    | 50%    | 100%   | 50%    | 50%    | 54%            | 63%       | 57%           |
| Ball (baseball, softball, slo-pitch)   | 24%     | 31%    | 17%    | 21%    | 8%     | 40%    | 33%    | 36%    | 17%    | 25%    | 45%    | 24%            | 44%       | 0%            |
| BBQ/picnic/social gathering  | 47%     | 53%    | 49%    | 45%    | 28%    | 46%    | 43%    | 48%    | 70%    | 57%    | 48%    | 48%            | 50%       | 32%           |
| Community events   | 78%     | 86%    | 69%    | 75%    | 70%    | 94%    | 80%    | 90%    | 78%    | 82%    | 83%    | 78%            | 73%       | 74%           |
| Cycling/mountain biking  | 75%     | 80%    | 79%    | 66%    | 74%    | 65%    | 25%    | 67%    | 90%    | 86%    | 92%    | 78%            | 71%       | 71%           |
| Field sports (soccer, rugby, football, cricket)  | 72%     | 75%    | 71%    | 84%    | 67%    | 100%   | 50%    | 75%    | 50%    | n/a    | 67%    | 68%            | 93%       | 50%           |
| Gardening  | 73%     | 85%    | 75%    | 74%    | 70%    | 79%    | 58%    | 78%    | 72%    | 81%    | 76%    | 71%            | 73%       | 82%           |
| Golf   | 68%     | 58%    | 66%    | 76%    | 67%    | 57%    | 67%    | 84%    | 60%    | 100%   | 30%    | 73%            | 68%       | 63%           |
| Hiking/walking   | 94%     | 95%    | 95%    | 93%    | 88%    | 95%    | 92%    | 100%   | 97%    | 100%   | 96%    | 94%            | 90%       | 96%           |
| Horseback riding/equestrian activities   | 76%     | 79%    | 87%    | 86%    | 80%    | 93%    | 67%    | 50%    | 100%   | 100%   | 67%    | 68%            | 57%       | 50%           |
| Lacrosse   | 43%     | 50%    | 60%    | 67%    | 13%    | 100%   | 0%     | 67%    | 0%     | n/a    | 33%    | 44%            | 40%       | 0%            |
| Lawnbowling  | 15%     | 20%    | 17%    | 25%    | 0%     | 0%     | 0%     | 0%     | 0%     | n/a    | 0%     | 17%            | 40%       | 0%            |
| Outdoor court/paved surface activities (e.g. ball hockey/outdoor inline, basketball)   | 49%     | 83%    | 50%    | 50%    | 25%    | 67%    | 0%     | 33%    | 33%    | 100%   | 33%    | 38%            | 70%       | 43%           |
| Outdoor performances   | 29%     | 37%    | 28%    | 25%    | 24%    | 30%    | 33%    | 17%    | 29%    | 14%    | 44%    | 29%            | 24%       | 27%           |
| Paddling (kayaking, canoeing)  | 46%     | 55%    | 62%    | 45%    | 56%    | 48%    | 40%    | 36%    | 24%    | 75%    | 44%    | 37%            | 44%       | 27%           |
| Pickleball   | 62%     | 62%    | 50%    | 70%    | 67%    | 100%   | 50%    | 67%    | 67%    | 67%    | 50%    | 62%            | 57%       | 67%           |
| Rollerblading/inline skating   | 32%     | 50%    | 33%    | 22%    | 50%    | 50%    | 50%    | 0%     | 0%     | n/a    | 0%     | 19%            | 40%       | 75%           |
| Skateboarding/scooter riding/BMX   | 52%     | 75%    | 50%    | 67%    | 57%    | 67%    | 0%     | 50%    | 0%     | n/a    | 40%    | 46%            | 63%       | 40%           |
| Tennis   | 43%     | 56%    | 39%    | 69%    | 29%    | 70%    | 0%     | 56%    | 67%    | n/a    | 18%    | 37%            | 67%       | 25%           |
| Track and field  | 46%     | 67%    | 57%    | 60%    | 57%    | 57%    | 50%    | 50%    | 50%    | n/a    | 60%    | 34%            | 83%       | 0%            |

Please indicate your household's overall level of satisfaction with...

| Question  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>...the availability of recreation opportunities in the winter.</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Very Satisfied  | 34%     | 27%    | 27%    | 40%    | 26%    | 48%    | 21%    | 40%    | 26%    | 32%    | 43%    | 35%            | 32%       | 32%           |
| Somewhat Satisfied  | 41%     | 46%    | 44%    | 35%    | 50%    | 33%    | 64%    | 42%    | 53%    | 32%    | 35%    | 42%            | 44%       | 26%           |
| Unsure  | 18%     | 17%    | 20%    | 19%    | 16%    | 12%    | 0%     | 13%    | 18%    | 23%    | 13%    | 17%            | 21%       | 29%           |
| Dissatisfied  | 7%      | 11%    | 9%     | 6%     | 8%     | 7%     | 14%    | 5%     | 3%     | 14%    | 9%     | 6%             | 4%        | 13%           |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>...the availability of recreation opportunities in the spring.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Very Satisfied  | 38% | 32% | 34% | 42% | 29% | 53% | 23% | 47% | 29% | 30% | 46% | 38% | 35% | 40% |
| Somewhat Satisfied  | 42% | 42% | 42% | 40% | 53% | 32% | 62% | 42% | 53% | 30% | 39% | 45% | 49% | 20% |
| Unsure  | 16% | 19% | 22% | 14% | 15% | 12% | 8%  | 8%  | 16% | 30% | 12% | 16% | 15% | 27% |
| Dissatisfied  | 3%  | 8%  | 3%  | 4%  | 4%  | 4%  | 8%  | 3%  | 3%  | 9%  | 3%  | 1%  | 1%  | 13% |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>...the availability of recreation opportunities in the summer.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Very Satisfied  | 42% | 35% | 40% | 42% | 33% | 51% | 23% | 58% | 43% | 35% | 49% | 43% | 43% | 40% |
| Somewhat Satisfied  | 37% | 35% | 36% | 37% | 49% | 35% | 62% | 35% | 38% | 30% | 38% | 39% | 36% | 30% |
| Unsure  | 16% | 23% | 19% | 13% | 13% | 11% | 8%  | 7%  | 16% | 30% | 9%  | 16% | 19% | 17% |
| Dissatisfied  | 5%  | 7%  | 5%  | 8%  | 5%  | 4%  | 8%  | 0%  | 3%  | 4%  | 4%  | 3%  | 1%  | 13% |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>...the availability of recreation opportunities in the fall.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Very Satisfied  | 38% | 26% | 34% | 43% | 33% | 52% | 15% | 46% | 30% | 33% | 49% | 38% | 34% | 39% |
| Somewhat Satisfied  | 42% | 51% | 42% | 37% | 51% | 33% | 62% | 39% | 51% | 38% | 34% | 45% | 47% | 26% |
| Unsure  | 16% | 15% | 20% | 15% | 12% | 9%  | 0%  | 14% | 16% | 19% | 12% | 15% | 18% | 19% |
| Dissatisfied  | 5%  | 8%  | 5%  | 6%  | 4%  | 5%  | 23% | 2%  | 3%  | 10% | 6%  | 3%  | 1%  | 16% |

|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>...the overall availability of recreation opportunities in the Cowichan region.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Very Satisfied   | 37% | 36% | 31% | 42% | 34% | 48% | 29% | 45% | 21% | 35% | 41% | 37% | 30% | 29% |
| Somewhat Satisfied   | 43% | 38% | 44% | 39% | 43% | 36% | 43% | 42% | 62% | 26% | 44% | 48% | 48% | 32% |
| Unsure   | 14% | 17% | 14% | 11% | 18% | 12% | 7%  | 12% | 15% | 22% | 9%  | 11% | 19% | 23% |
| Dissatisfied   | 6%  | 10% | 11% | 8%  | 5%  | 4%  | 21% | 2%  | 3%  | 17% | 6%  | 4%  | 3%  | 16% |

## How important are recreation opportunities to...

| Question                                    | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>...your household's quality of life.</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Very Important                              | 64%     | 61%    | 70%    | 64%    | 76%    | 63%    | 79%    | 63%    | 51%    | 61%    | 75%    | 59%            | 65%       | 69%           |
| Somewhat Important                          | 28%     | 34%    | 19%    | 26%    | 16%    | 32%    | 21%    | 30%    | 23%    | 22%    | 18%    | 34%            | 30%       | 25%           |
| Not Important                               | 8%      | 5%     | 11%    | 10%    | 8%     | 5%     | 0%     | 8%     | 26%    | 17%    | 7%     | 6%             | 5%        | 6%            |

| <b>...the community that you live in.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Very Important                            | 69% | 68% | 74% | 66% | 80% | 69% | 79% | 54% | 46% | 65% | 78% | 70% | 78% | 78% |
| Somewhat Important                        | 24% | 28% | 17% | 22% | 16% | 29% | 21% | 34% | 24% | 22% | 18% | 26% | 18% | 16% |
| Not Important                             | 7%  | 4%  | 10% | 12% | 4%  | 3%  | 0%  | 12% | 29% | 13% | 4%  | 4%  | 4%  | 6%  |

| <b>...the appeal of the Cowichan region.</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Very Important                               | 69% | 72% | 65% | 67% | 80% | 72% | 93% | 56% | 42% | 74% | 80% | 71% | 71% | 69% |
| Somewhat Important                           | 23% | 22% | 25% | 23% | 15% | 23% | 7%  | 30% | 27% | 13% | 13% | 24% | 20% | 22% |
| Not Important                                | 8%  | 5%  | 11% | 11% | 5%  | 5%  | 0%  | 14% | 32% | 13% | 7%  | 5%  | 9%  | 9%  |

## What are the main reasons you and/or members of your household participate in recreation and related activities?

| Reasons for Participating         | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|-----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Competition                       | 12%     | 13%    | 12%    | 12%    | 19%    | 19%    | 36%    | 11%    | 6%     | 13%    | 13%    | 9%             | 13%       | 16%           |
| Experience a challenge            | 24%     | 29%    | 23%    | 18%    | 35%    | 24%    | 57%    | 16%    | 25%    | 26%    | 25%    | 24%            | 22%       | 28%           |
| Fun/entertainment                 | 73%     | 70%    | 74%    | 69%    | 77%    | 80%    | 71%    | 75%    | 81%    | 65%    | 79%    | 73%            | 75%       | 78%           |
| Help the community                | 25%     | 13%    | 22%    | 28%    | 17%    | 26%    | 36%    | 23%    | 36%    | 44%    | 32%    | 25%            | 26%       | 38%           |
| Improve skills and/or knowledge   | 46%     | 49%    | 42%    | 49%    | 46%    | 51%    | 79%    | 47%    | 44%    | 57%    | 45%    | 42%            | 44%       | 47%           |
| Meet new people                   | 46%     | 44%    | 41%    | 45%    | 39%    | 35%    | 57%    | 50%    | 39%    | 70%    | 49%    | 47%            | 53%       | 63%           |
| Physical health/exercise          | 91%     | 89%    | 92%    | 86%    | 95%    | 87%    | 93%    | 92%    | 92%    | 91%    | 92%    | 92%            | 87%       | 94%           |
| Relaxation/to unwind              | 65%     | 66%    | 68%    | 64%    | 63%    | 72%    | 50%    | 59%    | 72%    | 65%    | 75%    | 64%            | 65%       | 66%           |
| Satisfy curiosity                 | 19%     | 17%    | 15%    | 14%    | 18%    | 19%    | 14%    | 22%    | 28%    | 35%    | 24%    | 20%            | 20%       | 28%           |
| To spend time with friends/family | 53%     | 47%    | 52%    | 51%    | 54%    | 63%    | 57%    | 55%    | 53%    | 44%    | 62%    | 52%            | 53%       | 66%           |

From the list of major facilities identified below, please indicate how often members of your household have used each in the previous 12 months (estimated total visits by household members).

| Facility/Space                                | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Cowichan Aquatic Centre (Aquatic Area)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                                      | 22%     | 17%    | 21%    | 19%    | 24%    | 19%    | 36%    | 14%    | 12%    | 22%    | 17%    | 27%            | 13%       | 21%           |
| 10-20 Uses                                    | 7%      | 6%     | 11%    | 6%     | 13%    | 8%     | 0%     | 3%     | 0%     | 9%     | 10%    | 7%             | 3%        | 3%            |
| 21+ Uses                                      | 13%     | 16%    | 5%     | 9%     | 15%    | 28%    | 0%     | 2%     | 2%     | 4%     | 30%    | 16%            | 6%        | 6%            |
| Did Not Use                                   | 59%     | 61%    | 63%    | 66%    | 49%    | 46%    | 64%    | 82%    | 86%    | 65%    | 44%    | 49%            | 78%       | 70%           |

|   |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|
| <b>Cowichan Aquatic Centre (Fitness Area)</b> |     |     |     |     |     |     |     |     |      |     |     |     |     |     |
| 1-9 Uses                                      | 11% | 15% | 7%  | 6%  | 16% | 10% | 21% | 6%  | 0%   | 26% | 17% | 15% | 3%  | 9%  |
| 10-20 Uses                                    | 4%  | 2%  | 3%  | 2%  | 8%  | 4%  | 0%  | 2%  | 0%   | 0%  | 7%  | 7%  | 1%  | 3%  |
| 21+ Uses                                      | 6%  | 0%  | 2%  | 4%  | 5%  | 13% | 0%  | 2%  | 0%   | 0%  | 16% | 11% | 0%  | 3%  |
| Did Not Use                                   | 79% | 83% | 88% | 88% | 71% | 73% | 79% | 91% | 100% | 74% | 61% | 68% | 96% | 85% |

|   |     |     |     |     |     |     |     |      |      |      |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|
| <b>Cowichan Aquatic Centre (Program/Meeting Spaces)</b> |     |     |     |     |     |     |     |      |      |      |     |     |     |     |
| 1-9 Uses  | 8%  | 13% | 3%  | 8%  | 14% | 10% | 7%  | 0%   | 0%   | 0%   | 4%  | 12% | 3%  | 6%  |
| 10-20 Uses  | 1%  | 2%  | 2%  | 1%  | 1%  | 1%  | 0%  | 0%   | 0%   | 0%   | 1%  | 1%  | 0%  | 3%  |
| 21+ Uses  | 1%  | 1%  | 0%  | 1%  | 1%  | 0%  | 0%  | 0%   | 0%   | 0%   | 4%  | 1%  | 1%  | 0%  |
| Did Not Use   | 90% | 84% | 95% | 90% | 84% | 89% | 93% | 100% | 100% | 100% | 90% | 87% | 96% | 91% |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Cowichan Lake Sports Arena (Arena)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses                                  | 6%  | 3%  | 2%  | 3%  | 11% | 4%  | 29% | 8%  | 2%  | 17% | 7%  | 5%  | 3%  | 27% |
| 10-20 Uses                                | 1%  | 0%  | 3%  | 0%  | 1%  | 0%  | 7%  | 0%  | 0%  | 13% | 1%  | 1%  | 1%  | 0%  |
| 21+ Uses                                  | 1%  | 0%  | 0%  | 1%  | 3%  | 0%  | 7%  | 0%  | 0%  | 9%  | 0%  | 1%  | 1%  | 18% |
| Did Not Use                               | 92% | 97% | 96% | 97% | 85% | 96% | 57% | 92% | 98% | 61% | 92% | 94% | 95% | 55% |

|   |     |     |     |     |     |      |     |     |      |     |     |      |     |     |
|---|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|------|-----|-----|
| <b>Cowichan Lake Sports Arena (Curling)</b> |     |     |     |     |     |      |     |     |      |     |     |      |     |     |
| 1-9 Uses                                    | 1%  | 0%  | 1%  | 2%  | 1%  | 0%   | 14% | 0%  | 0%   | 4%  | 1%  | 0%   | 1%  | 18% |
| 10-20 Uses                                  | 1%  | 0%  | 1%  | 1%  | 0%  | 0%   | 14% | 3%  | 0%   | 4%  | 0%  | 0%   | 0%  | 0%  |
| 21+ Uses                                    | 1%  | 1%  | 0%  | 1%  | 0%  | 0%   | 7%  | 0%  | 0%   | 13% | 0%  | 0%   | 0%  | 12% |
| Did Not Use                                 | 97% | 99% | 98% | 97% | 99% | 100% | 64% | 97% | 100% | 78% | 99% | 100% | 99% | 70% |

|  |     |     |     |     |     |     |     |     |      |     |      |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|
| <b>Cowichan Lake Sports Arena (Program/Meeting Spaces)</b> |     |     |     |     |     |     |     |     |      |     |      |     |     |     |
| 1-9 Uses   | 4%  | 1%  | 0%  | 6%  | 1%  | 3%  | 21% | 2%  | 0%   | 35% | 0%   | 2%  | 3%  | 39% |
| 10-20 Uses   | 1%  | 0%  | 2%  | 0%  | 0%  | 0%  | 14% | 0%  | 0%   | 4%  | 0%   | 0%  | 0%  | 3%  |
| 21+ Uses   | 1%  | 0%  | 0%  | 0%  | 0%  | 0%  | 7%  | 0%  | 0%   | 4%  | 0%   | 1%  | 0%  | 9%  |
| Did Not Use  | 95% | 99% | 98% | 95% | 99% | 98% | 57% | 99% | 100% | 57% | 100% | 97% | 97% | 49% |

From the list of major facilities identified below, please indicate how often members of your household have used each in the previous 12 months (estimated total visits by household members).

| Facility/Space                         | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Cowichan Performing Arts Centre</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                               | 43%     | 41%    | 30%    | 48%    | 46%    | 51%    | 43%    | 32%    | 10%    | 26%    | 39%    | 53%            | 27%       | 39%           |
| 10-20 Uses                             | 6%      | 5%     | 4%     | 8%     | 10%    | 9%     | 7%     | 2%     | 0%     | 4%     | 9%     | 7%             | 0%        | 0%            |
| 21+ Uses                               | 2%      | 2%     | 0%     | 1%     | 5%     | 3%     | 0%     | 0%     | 0%     | 0%     | 6%     | 2%             | 0%        | 3%            |
| Did Not Use                            | 50%     | 52%    | 66%    | 43%    | 39%    | 38%    | 50%    | 66%    | 91%    | 70%    | 47%    | 38%            | 73%       | 58%           |

|  |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|
| <b>Cowichan Sportsplex (Ball Diamonds)</b> |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
| 1-9 Uses                                   | 4%  | 4%  | 3%  | 3%  | 4%  | 0%  | 7%  | 5%  | 0%   | 0%   | 13% | 4%  | 0%  | 0%   |
| 10-20 Uses                                 | 1%  | 0%  | 3%  | 1%  | 0%  | 0%  | 0%  | 2%  | 0%   | 0%   | 1%  | 2%  | 1%  | 0%   |
| 21+ Uses                                   | 1%  | 0%  | 1%  | 0%  | 0%  | 3%  | 0%  | 2%  | 0%   | 0%   | 1%  | 2%  | 0%  | 0%   |
| Did Not Use                                | 94% | 96% | 93% | 96% | 96% | 98% | 93% | 92% | 100% | 100% | 85% | 91% | 99% | 100% |

|   |     |     |     |     |     |     |     |     |     |      |     |     |     |      |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|
| <b>Cowichan Sportsplex (Field Hockey/Artificial Turf Field)</b> |     |     |     |     |     |     |     |     |     |      |     |     |     |      |
| 1-9 Uses  | 3%  | 0%  | 1%  | 3%  | 4%  | 3%  | 7%  | 2%  | 2%  | 0%   | 4%  | 5%  | 0%  | 0%   |
| 10-20 Uses  | 1%  | 1%  | 1%  | 1%  | 1%  | 1%  | 0%  | 0%  | 0%  | 0%   | 0%  | 1%  | 1%  | 0%   |
| 21+ Uses  | 2%  | 2%  | 2%  | 3%  | 0%  | 3%  | 0%  | 2%  | 0%  | 0%   | 3%  | 2%  | 1%  | 0%   |
| Did Not Use   | 95% | 97% | 97% | 93% | 95% | 94% | 93% | 97% | 98% | 100% | 93% | 93% | 97% | 100% |

|   |     |      |     |     |     |     |      |      |      |      |      |     |     |     |
|---|-----|------|-----|-----|-----|-----|------|------|------|------|------|-----|-----|-----|
| <b>Cowichan Sportsplex (Lacrosse Box)</b> |     |      |     |     |     |     |      |      |      |      |      |     |     |     |
| 1-9 Uses                                  | 0%  | 0%   | 0%  | 1%  | 0%  | 0%  | 0%   | 0%   | 0%   | 0%   | 0%   | 1%  | 0%  | 0%  |
| 10-20 Uses                                | 0%  | 0%   | 0%  | 1%  | 3%  | 0%  | 0%   | 0%   | 0%   | 0%   | 0%   | 0%  | 1%  | 3%  |
| 21+ Uses                                  | 0%  | 0%   | 1%  | 0%  | 1%  | 1%  | 0%   | 0%   | 0%   | 0%   | 0%   | 1%  | 0%  | 0%  |
| Did Not Use                               | 99% | 100% | 99% | 97% | 96% | 99% | 100% | 100% | 100% | 100% | 100% | 98% | 99% | 97% |

|   |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|
| <b>Cowichan Sportsplex (Sports Field)</b> |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
| 1-9 Uses                                  | 5%  | 3%  | 0%  | 4%  | 5%  | 4%  | 0%  | 3%  | 0%   | 0%   | 9%  | 8%  | 1%  | 0%   |
| 10-20 Uses                                | 1%  | 0%  | 1%  | 1%  | 1%  | 0%  | 7%  | 0%  | 0%   | 0%   | 4%  | 1%  | 0%  | 0%   |
| 21+ Uses                                  | 1%  | 1%  | 3%  | 1%  | 1%  | 0%  | 0%  | 0%  | 0%   | 0%   | 1%  | 1%  | 0%  | 0%   |
| Did Not Use                               | 93% | 96% | 97% | 94% | 93% | 96% | 93% | 97% | 100% | 100% | 86% | 90% | 99% | 100% |

|                                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Cowichan Sportsplex (Track)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses                           | 11% | 6%  | 3%  | 6%  | 13% | 14% | 21% | 3%  | 5%  | 4%  | 17% | 18% | 1%  | 9%  |
| 10-20 Uses                         | 3%  | 1%  | 1%  | 2%  | 4%  | 6%  | 7%  | 0%  | 0%  | 0%  | 7%  | 3%  | 0%  | 3%  |
| 21+ Uses                           | 5%  | 1%  | 1%  | 1%  | 4%  | 8%  | 7%  | 0%  | 0%  | 0%  | 11% | 8%  | 0%  | 3%  |
| Did Not Use                        | 82% | 92% | 95% | 91% | 80% | 72% | 64% | 97% | 95% | 96% | 65% | 70% | 99% | 85% |

From the list of major facilities identified below, please indicate how often members of your household have used each in the previous 12 months (estimated total visits by household members).

| Facility/Space                                       | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Frank Jameson Community Centre (Aquatic Area)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses   | 5%      | 0%     | 1%     | 3%     | 4%     | 3%     | 0%     | 29%    | 12%    | 0%     | 0%     | 4%             | 18%       | 3%            |
| 10-20 Uses   | 2%      | 0%     | 1%     | 1%     | 0%     | 0%     | 0%     | 6%     | 14%    | 0%     | 1%     | 1%             | 13%       | 0%            |
| 21+ Uses   | 4%      | 0%     | 0%     | 0%     | 0%     | 0%     | 7%     | 5%     | 14%    | 0%     | 1%     | 2%             | 32%       | 0%            |
| Did Not Use  | 89%     | 100%   | 98%    | 97%    | 96%    | 98%    | 93%    | 60%    | 60%    | 100%   | 97%    | 93%            | 37%       | 97%           |

|  |     |     |     |     |     |      |      |     |     |      |     |     |     |      |
|--|-----|-----|-----|-----|-----|------|------|-----|-----|------|-----|-----|-----|------|
| <b>Frank Jameson Community Centre (Fitness Area)</b> |     |     |     |     |     |      |      |     |     |      |     |     |     |      |
| 1-9 Uses   | 3%  | 1%  | 0%  | 0%  | 3%  | 0%   | 0%   | 11% | 12% | 0%   | 0%  | 3%  | 15% | 0%   |
| 10-20 Uses   | 2%  | 0%  | 1%  | 0%  | 0%  | 0%   | 0%   | 8%  | 2%  | 0%   | 3%  | 1%  | 10% | 0%   |
| 21+ Uses   | 3%  | 0%  | 0%  | 1%  | 0%  | 0%   | 0%   | 12% | 10% | 0%   | 0%  | 1%  | 22% | 0%   |
| Did Not Use  | 93% | 99% | 99% | 99% | 98% | 100% | 100% | 69% | 76% | 100% | 97% | 96% | 53% | 100% |

|  |     |      |     |     |      |     |     |     |     |      |     |     |     |      |
|--|-----|------|-----|-----|------|-----|-----|-----|-----|------|-----|-----|-----|------|
| <b>Frank Jameson Community Centre (Program/Meeting Spaces)</b> |     |      |     |     |      |     |     |     |     |      |     |     |     |      |
| 1-9 Uses   | 4%  | 0%   | 1%  | 1%  | 0%   | 1%  | 7%  | 14% | 21% | 0%   | 1%  | 1%  | 24% | 0%   |
| 10-20 Uses   | 1%  | 0%   | 1%  | 0%  | 0%   | 0%  | 0%  | 2%  | 0%  | 0%   | 0%  | 0%  | 10% | 0%   |
| 21+ Uses   | 1%  | 0%   | 0%  | 0%  | 0%   | 0%  | 0%  | 3%  | 2%  | 0%   | 0%  | 0%  | 4%  | 0%   |
| Did Not Use  | 95% | 100% | 98% | 99% | 100% | 99% | 93% | 82% | 76% | 100% | 99% | 98% | 62% | 100% |

|  |     |      |     |      |      |      |     |      |     |      |      |      |     |      |
|--|-----|------|-----|------|------|------|-----|------|-----|------|------|------|-----|------|
| <b>Frank Jameson Community Centre (Youth Centre)</b> |     |      |     |      |      |      |     |      |     |      |      |      |     |      |
| 1-9 Uses   | 0%  | 0%   | 0%  | 0%   | 0%   | 0%   | 7%  | 0%   | 2%  | 0%   | 0%   | 0%   | 0%  | 0%   |
| 10-20 Uses   | 0%  | 0%   | 1%  | 0%   | 0%   | 0%   | 0%  | 0%   | 0%  | 0%   | 0%   | 0%   | 1%  | 0%   |
| 21+ Uses   | 0%  | 0%   | 0%  | 0%   | 0%   | 0%   | 0%  | 0%   | 0%  | 0%   | 0%   | 0%   | 3%  | 0%   |
| Did Not Use  | 99% | 100% | 99% | 100% | 100% | 100% | 93% | 100% | 98% | 100% | 100% | 100% | 96% | 100% |

|                                  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Fuller Lake Arena (Arena)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses                         | 8%  | 10% | 2%  | 3%  | 10% | 4%  | 7%  | 15% | 12% | 9%  | 6%  | 8%  | 14% | 6%  |
| 10-20 Uses                       | 2%  | 0%  | 2%  | 1%  | 3%  | 4%  | 7%  | 0%  | 0%  | 0%  | 0%  | 3%  | 3%  | 0%  |
| 21+ Uses                         | 2%  | 0%  | 1%  | 0%  | 3%  | 0%  | 0%  | 2%  | 0%  | 0%  | 3%  | 3%  | 6%  | 0%  |
| Did Not Use                      | 89% | 91% | 96% | 95% | 85% | 92% | 86% | 83% | 88% | 91% | 92% | 87% | 77% | 94% |

|   |     |     |     |     |     |     |     |     |     |      |     |     |     |      |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|
| <b>Fuller Lake Arena (Program/Meeting Spaces)</b> |     |     |     |     |     |     |     |     |     |      |     |     |     |      |
| 1-9 Uses  | 3%  | 2%  | 1%  | 0%  | 0%  | 0%  | 0%  | 3%  | 2%  | 0%   | 1%  | 5%  | 6%  | 0%   |
| 10-20 Uses  | 1%  | 0%  | 1%  | 0%  | 0%  | 0%  | 7%  | 2%  | 0%  | 0%   | 0%  | 1%  | 1%  | 0%   |
| 21+ Uses  | 0%  | 0%  | 0%  | 1%  | 1%  | 1%  | 0%  | 3%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   |
| Did Not Use                                       | 96% | 98% | 98% | 99% | 99% | 99% | 93% | 92% | 98% | 100% | 99% | 94% | 92% | 100% |

From the list of major facilities identified below, please indicate how often members of your household have used each in the previous 12 months (estimated total visits by household members).

| Facility/Space                       | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--------------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Island Savings Centre (Arena)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                             | 15%     | 14%    | 10%    | 11%    | 16%    | 14%    | 21%    | 8%     | 10%    | 13%    | 17%    | 21%            | 9%        | 15%           |
| 10-20 Uses                           | 3%      | 1%     | 3%     | 3%     | 6%     | 9%     | 7%     | 3%     | 0%     | 0%     | 3%     | 4%             | 3%        | 0%            |
| 21+ Uses                             | 2%      | 1%     | 1%     | 2%     | 3%     | 3%     | 7%     | 0%     | 0%     | 0%     | 1%     | 2%             | 1%        | 3%            |
| Did Not Use                          | 80%     | 84%    | 87%    | 83%    | 75%    | 75%    | 64%    | 89%    | 91%    | 87%    | 79%    | 74%            | 87%       | 82%           |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Island Savings Centre (Gymnasium/Multi-Purpose Hall)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses  | 12% | 13% | 6%  | 10% | 10% | 20% | 21% | 5%  | 2%  | 4%  | 20% | 17% | 5%  | 15% |
| 10-20 Uses  | 2%  | 1%  | 1%  | 1%  | 6%  | 1%  | 0%  | 0%  | 0%  | 0%  | 3%  | 3%  | 0%  | 0%  |
| 21+ Uses  | 1%  | 3%  | 1%  | 1%  | 1%  | 1%  | 7%  | 0%  | 0%  | 0%  | 0%  | 2%  | 0%  | 0%  |
| Did Not Use   | 85% | 83% | 92% | 88% | 83% | 77% | 71% | 95% | 98% | 96% | 78% | 79% | 95% | 85% |

|   |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
|---|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|
| <b>Island Savings Centre (Gymnastics)</b> |     |     |     |     |     |     |     |     |      |      |     |     |     |      |
| 1-9 Uses                                  | 3%  | 7%  | 2%  | 3%  | 4%  | 4%  | 0%  | 2%  | 0%   | 0%   | 4%  | 4%  | 3%  | 0%   |
| 10-20 Uses                                | 1%  | 0%  | 2%  | 0%  | 3%  | 1%  | 0%  | 0%  | 0%   | 0%   | 3%  | 1%  | 1%  | 0%   |
| 21+ Uses                                  | 1%  | 0%  | 0%  | 2%  | 3%  | 0%  | 7%  | 0%  | 0%   | 0%   | 3%  | 2%  | 0%  | 0%   |
| Did Not Use                               | 95% | 93% | 97% | 95% | 91% | 95% | 93% | 99% | 100% | 100% | 90% | 94% | 96% | 100% |

|  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Island Savings Centre (Library)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses                               | 20% | 23% | 17% | 20% | 20% | 25% | 14% | 14% | 5%  | 17% | 27% | 23% | 4%  | 30% |
| 10-20 Uses                             | 9%  | 8%  | 2%  | 6%  | 15% | 10% | 29% | 3%  | 0%  | 0%  | 11% | 16% | 4%  | 3%  |
| 21+ Uses                               | 12% | 3%  | 5%  | 10% | 21% | 28% | 7%  | 2%  | 0%  | 4%  | 24% | 18% | 0%  | 3%  |
| Did Not Use                            | 59% | 65% | 77% | 65% | 44% | 37% | 50% | 82% | 95% | 78% | 38% | 44% | 92% | 64% |

|   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Island Savings Centre (Program/Meeting Spaces)</b> |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 1-9 Uses  | 14% | 17% | 10% | 12% | 20% | 19% | 14% | 9%  | 2%  | 4%  | 13% | 20% | 4%  | 9%  |
| 10-20 Uses  | 2%  | 3%  | 3%  | 2%  | 1%  | 6%  | 0%  | 0%  | 0%  | 0%  | 4%  | 3%  | 0%  | 0%  |
| 21+ Uses  | 1%  | 1%  | 2%  | 1%  | 0%  | 1%  | 7%  | 0%  | 0%  | 4%  | 1%  | 2%  | 0%  | 3%  |
| Did Not Use   | 82% | 79% | 86% | 86% | 79% | 73% | 79% | 91% | 98% | 91% | 82% | 75% | 96% | 88% |

|   |     |     |      |     |     |     |      |      |      |      |     |     |      |      |
|---|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|------|------|
| <b>Island Savings Centre (Youth Centre)</b> |     |     |      |     |     |     |      |      |      |      |     |     |      |      |
| 1-9 Uses                                    | 1%  | 3%  | 0%   | 1%  | 1%  | 1%  | 0%   | 0%   | 0%   | 0%   | 1%  | 1%  | 0%   | 0%   |
| 10-20 Uses                                  | 0%  | 0%  | 0%   | 0%  | 0%  | 1%  | 0%   | 0%   | 0%   | 0%   | 0%  | 0%  | 0%   | 0%   |
| 21+ Uses                                    | 0%  | 1%  | 0%   | 0%  | 0%  | 0%  | 0%   | 0%   | 0%   | 0%   | 0%  | 1%  | 0%   | 0%   |
| Did Not Use                                 | 99% | 96% | 100% | 99% | 99% | 98% | 100% | 100% | 100% | 100% | 99% | 98% | 100% | 100% |

From the list of major facilities identified below, please indicate how often members of your household have used each in the previous 12 months (estimated total visits by household members).

| Facility/Space                              | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Kerry Park Recreation Centre (Arena)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                                    | 8%      | 18%    | 15%    | 15%    | 13%    | 6%     | 7%     | 3%     | 2%     | 4%     | 7%     | 3%             | 3%        | 6%            |
| 10-20 Uses                                  | 2%      | 7%     | 9%     | 2%     | 1%     | 5%     | 0%     | 0%     | 0%     | 0%     | 0%     | 1%             | 0%        | 3%            |
| 21+ Uses                                    | 2%      | 11%    | 6%     | 6%     | 5%     | 0%     | 0%     | 0%     | 0%     | 0%     | 0%     | 1%             | 0%        | 0%            |
| Did Not Use                                 | 88%     | 64%    | 70%    | 78%    | 81%    | 89%    | 93%    | 97%    | 98%    | 96%    | 93%    | 95%            | 97%       | 91%           |

|   |     |     |     |     |     |     |      |     |      |     |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|
| <b>Kerry Park Recreation Centre (Curling)</b> |     |     |     |     |     |     |      |     |      |     |     |     |     |     |
| 1-9 Uses                                      | 2%  | 4%  | 2%  | 5%  | 4%  | 1%  | 0%   | 2%  | 0%   | 4%  | 1%  | 1%  | 1%  | 3%  |
| 10-20 Uses                                    | 1%  | 5%  | 3%  | 1%  | 0%  | 0%  | 0%   | 0%  | 0%   | 0%  | 0%  | 0%  | 0%  | 0%  |
| 21+ Uses                                      | 2%  | 6%  | 3%  | 7%  | 0%  | 3%  | 0%   | 0%  | 0%   | 0%  | 0%  | 1%  | 1%  | 0%  |
| Did Not Use                                   | 96% | 84% | 92% | 88% | 96% | 96% | 100% | 99% | 100% | 96% | 99% | 99% | 97% | 97% |

|  |     |     |     |     |     |     |     |      |      |     |     |     |      |     |
|--|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|------|-----|
| <b>Kerry Park Recreation Centre (Program/Meeting Spaces)</b> |     |     |     |     |     |     |     |      |      |     |     |     |      |     |
| 1-9 Uses   | 6%  | 23% | 12% | 19% | 5%  | 5%  | 7%  | 0%   | 0%   | 4%  | 1%  | 2%  | 0%   | 3%  |
| 10-20 Uses   | 1%  | 7%  | 2%  | 1%  | 1%  | 0%  | 0%  | 0%   | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  |
| 21+ Uses   | 2%  | 8%  | 6%  | 3%  | 4%  | 0%  | 0%  | 0%   | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  |
| Did Not Use  | 91% | 61% | 81% | 77% | 90% | 95% | 93% | 100% | 100% | 96% | 99% | 98% | 100% | 97% |

|  |     |     |     |     |     |     |     |     |      |      |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|
| <b>Shawnigan Lake Community Centre</b> |     |     |     |     |     |     |     |     |      |      |     |     |     |     |
| 1-9 Uses                               | 8%  | 18% | 33% | 13% | 8%  | 5%  | 7%  | 2%  | 0%   | 0%   | 6%  | 3%  | 1%  | 3%  |
| 10-20 Uses                             | 2%  | 2%  | 16% | 1%  | 3%  | 0%  | 0%  | 0%  | 0%   | 0%   | 0%  | 0%  | 0%  | 0%  |
| 21+ Uses                               | 2%  | 5%  | 7%  | 7%  | 0%  | 0%  | 0%  | 0%  | 0%   | 0%   | 0%  | 0%  | 0%  | 0%  |
| Did Not Use                            | 88% | 75% | 45% | 79% | 90% | 95% | 93% | 99% | 100% | 100% | 94% | 96% | 99% | 97% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space       | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|----------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Ball Diamonds</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses             | 5%      | 7%     | 7%     | 5%     | 6%     | 4%     | 0%     | 9%     | 0%     | 4%     | 7%     | 4%             | 8%        | 3%            |
| 10-20 Uses           | 3%      | 2%     | 4%     | 2%     | 1%     | 0%     | 7%     | 3%     | 2%     | 4%     | 1%     | 3%             | 0%        | 9%            |
| 21+ Uses             | 2%      | 0%     | 4%     | 1%     | 1%     | 3%     | 7%     | 5%     | 2%     | 0%     | 0%     | 2%             | 6%        | 3%            |
| Did Not Use          | 90%     | 91%    | 85%    | 92%    | 91%    | 94%    | 86%    | 83%    | 95%    | 91%    | 92%    | 91%            | 86%       | 85%           |

| <b>Ball Diamonds</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |      |      |     |     |      |      |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|------|------|
| Area A (includes Malahat and Mill Bay)   | 25% | 88% | 61% | 60% | 29% | 0%  | 0%  | 11% | 0%   | 0%   | 0%  | 0%  | 9%   | 20%  |
| Area B (includes Shawnigan Lake)   | 29% | 63% | 83% | 60% | 29% | 0%  | 0%  | 0%  | 0%   | 0%   | 33% | 12% | 0%   | 0%   |
| Area C (includes Cobble Hill)  | 14% | 13% | 22% | 70% | 14% | 0%  | 0%  | 0%  | 0%   | 0%   | 17% | 3%  | 0%   | 0%   |
| Area D (includes Cowichan Bay)   | 11% | 0%  | 11% | 30% | 43% | 0%  | 0%  | 22% | 0%   | 0%   | 33% | 6%  | 0%   | 0%   |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                                     | 7%  | 13% | 17% | 0%  | 0%  | 50% | 50% | 0%  | 0%   | 0%   | 0%  | 6%  | 0%   | 0%   |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 6%  | 0%  | 6%  | 0%  | 0%  | 0%  | 50% | 11% | 0%   | 50%  | 17% | 6%  | 0%   | 20%  |
| Area G (includes the Gulf Islands and Saltair)   | 8%  | 0%  | 6%  | 0%  | 0%  | 0%  | 0%  | 56% | 0%   | 0%   | 0%  | 0%  | 18%  | 20%  |
| Area H (includes Diamond and North Oyster)   | 6%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 22% | 100% | 0%   | 0%  | 0%  | 18%  | 0%   |
| Area I (includes Meade Creek and Youbou)   | 5%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%   | 100% | 0%  | 3%  | 0%   | 60%  |
| City of Duncan   | 30% | 0%  | 11% | 20% | 57% | 25% | 0%  | 11% | 0%   | 0%   | 67% | 61% | 0%   | 0%   |
| District of North Cowichan   | 39% | 0%  | 11% | 10% | 29% | 50% | 50% | 33% | 0%   | 0%   | 50% | 94% | 0%   | 20%  |
| Town of Ladysmith  | 26% | 0%  | 6%  | 20% | 0%  | 0%  | 0%  | 56% | 100% | 0%   | 50% | 9%  | 100% | 20%  |
| Town of Lake Cowichan  | 12% | 0%  | 11% | 0%  | 0%  | 0%  | 0%  | 22% | 0%   | 0%   | 33% | 9%  | 0%   | 100% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Natural Water Bodies (rivers, lakes, and the ocean)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses   | 20%     | 22%    | 10%    | 25%    | 16%    | 18%    | 7%     | 26%    | 24%    | 4%     | 18%    | 24%            | 18%       | 9%            |
| 10-20 Uses   | 18%     | 21%    | 17%    | 16%    | 23%    | 20%    | 21%    | 12%    | 19%    | 9%     | 16%    | 21%            | 12%       | 18%           |
| 21+ Uses   | 33%     | 33%    | 47%    | 26%    | 38%    | 39%    | 57%    | 40%    | 19%    | 65%    | 30%    | 27%            | 40%       | 58%           |
| Did Not Use  | 29%     | 24%    | 26%    | 34%    | 24%    | 23%    | 14%    | 22%    | 38%    | 22%    | 37%    | 28%            | 31%       | 15%           |

| <b>Natural Water Bodies (rivers, lakes, and the ocean)</b>                  |     |     |     |     |     |     |      |     |     |      |     |     |     |     |
|---|-----|-----|-----|-----|-----|-----|------|-----|-----|------|-----|-----|-----|-----|
| <i>(Of households that use the space, x% participated in this location)</i> |     |     |     |     |     |     |      |     |     |      |     |     |     |     |
| Area A (includes Malahat and Mill Bay)                                      | 33% | 93% | 59% | 54% | 34% | 16% | 8%   | 8%  | 12% | 11%  | 22% | 23% | 13% | 7%  |
| Area B (includes Shawnigan Lake)  | 38% | 70% | 98% | 64% | 43% | 28% | 42%  | 2%  | 12% | 11%  | 29% | 26% | 17% | 7%  |
| Area C (includes Cobble Hill)   | 27% | 44% | 53% | 77% | 34% | 25% | 33%  | 2%  | 4%  | 0%   | 13% | 15% | 7%  | 4%  |
| Area D (includes Cowichan Bay)  | 49% | 51% | 44% | 69% | 80% | 54% | 50%  | 12% | 20% | 22%  | 62% | 52% | 22% | 21% |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                    | 26% | 20% | 24% | 24% | 43% | 84% | 33%  | 4%  | 8%  | 0%   | 47% | 24% | 6%  | 7%  |
| Area F (includes Cowichan Lake South and Skutz Falls)                       | 39% | 31% | 27% | 32% | 48% | 54% | 100% | 16% | 36% | 56%  | 49% | 41% | 24% | 57% |
| Area G (includes the Gulf Islands and Saltair)                              | 26% | 23% | 15% | 13% | 16% | 18% | 17%  | 90% | 32% | 11%  | 24% | 30% | 41% | 11% |
| Area H (includes Diamond and North Oyster)                                  | 8%  | 3%  | 1%  | 0%  | 3%  | 5%  | 0%   | 16% | 80% | 0%   | 0%  | 5%  | 37% | 4%  |
| Area I (includes Meade Creek and Youbou)                                    | 15% | 9%  | 13% | 10% | 15% | 20% | 58%  | 6%  | 12% | 100% | 22% | 12% | 4%  | 50% |
| City of Duncan  | 25% | 10% | 13% | 30% | 33% | 20% | 17%  | 18% | 12% | 11%  | 73% | 29% | 11% | 7%  |
| District of North Cowichan  | 46% | 14% | 9%  | 18% | 36% | 43% | 33%  | 22% | 28% | 17%  | 69% | 84% | 37% | 11% |
| Town of Ladysmith   | 30% | 10% | 11% | 7%  | 20% | 8%  | 42%  | 67% | 88% | 17%  | 33% | 31% | 94% | 11% |
| Town of Lake Cowichan   | 29% | 19% | 18% | 19% | 20% | 33% | 83%  | 8%  | 12% | 61%  | 53% | 31% | 24% | 96% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Outdoor Fitness Equipment</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                         | 15%     | 7%     | 15%    | 8%     | 18%    | 18%    | 21%    | 9%     | 10%    | 4%     | 16%    | 20%            | 9%        | 15%           |
| 10-20 Uses                       | 5%      | 5%     | 3%     | 4%     | 3%     | 9%     | 0%     | 2%     | 0%     | 13%    | 9%     | 7%             | 3%        | 0%            |
| 21+ Uses                         | 4%      | 2%     | 4%     | 3%     | 3%     | 4%     | 14%    | 3%     | 2%     | 4%     | 6%     | 3%             | 6%        | 3%            |
| Did Not Use                      | 77%     | 85%    | 77%    | 86%    | 78%    | 70%    | 64%    | 86%    | 88%    | 78%    | 70%    | 71%            | 82%       | 82%           |

| <b>Outdoor Fitness Equipment</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |     |     |      |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|
| Area A (includes Malahat and Mill Bay)   | 7%  | 67% | 19% | 17% | 0%  | 5%  | 0%  | 0%  | 0%  | 0%  | 0%   | 2%  | 0%  | 0%  |
| Area B (includes Shawnigan Lake)   | 12% | 33% | 62% | 33% | 11% | 0%  | 20% | 0%  | 0%  | 0%  | 0%   | 2%  | 8%  | 0%  |
| Area C (includes Cobble Hill)  | 9%  | 50% | 29% | 44% | 11% | 0%  | 0%  | 0%  | 0%  | 0%  | 0%   | 3%  | 0%  | 0%  |
| Area D (includes Cowichan Bay)   | 7%  | 17% | 14% | 22% | 33% | 5%  | 20% | 0%  | 0%  | 0%  | 0%   | 2%  | 0%  | 0%  |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)   | 14% | 17% | 19% | 33% | 17% | 46% | 20% | 0%  | 0%  | 0%  | 10%  | 9%  | 0%  | 0%  |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 5%  | 8%  | 5%  | 11% | 11% | 0%  | 20% | 0%  | 0%  | 25% | 0%   | 5%  | 0%  | 25% |
| Area G (includes the Gulf Islands and Saltair)   | 4%  | 8%  | 5%  | 6%  | 0%  | 0%  | 0%  | 56% | 25% | 0%  | 5%   | 2%  | 0%  | 0%  |
| Area H (includes Diamond and North Oyster)   | 2%  | 0%  | 5%  | 0%  | 0%  | 0%  | 0%  | 11% | 25% | 0%  | 0%   | 0%  | 8%  | 0%  |
| Area I (includes Meade Creek and Youbou)   | 3%  | 0%  | 5%  | 0%  | 0%  | 0%  | 20% | 0%  | 0%  | 50% | 5%   | 1%  | 0%  | 25% |
| City of Duncan   | 47% | 50% | 19% | 39% | 39% | 59% | 40% | 11% | 25% | 50% | 100% | 50% | 25% | 0%  |
| District of North Cowichan   | 43% | 17% | 19% | 6%  | 44% | 27% | 60% | 22% | 0%  | 0%  | 24%  | 70% | 17% | 50% |
| Town of Ladysmith  | 11% | 8%  | 10% | 6%  | 6%  | 0%  | 0%  | 56% | 75% | 0%  | 0%   | 4%  | 83% | 0%  |
| Town of Lake Cowichan  | 6%  | 0%  | 5%  | 6%  | 11% | 0%  | 60% | 0%  | 0%  | 75% | 5%   | 1%  | 8%  | 50% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Park Spaces (community parks, day-use areas, picnic areas, etc.)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses  | 24%     | 24%    | 26%    | 28%    | 19%    | 23%    | 21%    | 23%    | 19%    | 35%    | 16%    | 28%            | 22%       | 12%           |
| 10-20 Uses  | 19%     | 20%    | 24%    | 15%    | 19%    | 20%    | 21%    | 19%    | 26%    | 22%    | 21%    | 19%            | 14%       | 24%           |
| 21+ Uses  | 25%     | 28%    | 24%    | 22%    | 33%    | 28%    | 36%    | 28%    | 14%    | 26%    | 23%    | 24%            | 31%       | 36%           |
| Did Not Use   | 31%     | 27%    | 27%    | 35%    | 30%    | 29%    | 21%    | 31%    | 41%    | 17%    | 41%    | 30%            | 33%       | 27%           |

| <b>Park Spaces (community parks, day-use areas, picnic areas, etc.)</b>     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <i>(Of households that use the space, x% participated in this location)</i> |     |     |      |     |     |     |     |     |     |     |     |     |     |     |
| Area A (includes Malahat and Mill Bay)                                      | 31% | 94% | 62%  | 53% | 37% | 20% | 9%  | 7%  | 4%  | 6%  | 28% | 17% | 8%  | 8%  |
| Area B (includes Shawnigan Lake)  | 36% | 75% | 100% | 55% | 43% | 23% | 27% | 2%  | 8%  | 6%  | 28% | 22% | 19% | 13% |
| Area C (includes Cobble Hill)   | 41% | 72% | 74%  | 95% | 56% | 38% | 36% | 7%  | 8%  | 6%  | 38% | 25% | 6%  | 8%  |
| Area D (includes Cowichan Bay)  | 46% | 61% | 51%  | 59% | 83% | 48% | 18% | 14% | 12% | 28% | 68% | 44% | 12% | 29% |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                    | 32% | 27% | 31%  | 26% | 46% | 91% | 46% | 0%  | 8%  | 6%  | 58% | 32% | 6%  | 8%  |
| Area F (includes Cowichan Lake South and Skutz Falls)                       | 32% | 30% | 33%  | 31% | 26% | 52% | 91% | 12% | 20% | 44% | 40% | 33% | 21% | 46% |
| Area G (includes the Gulf Islands and Saltair)                              | 21% | 15% | 14%  | 12% | 15% | 16% | 18% | 83% | 12% | 11% | 35% | 22% | 35% | 8%  |
| Area H (includes Diamond and North Oyster)                                  | 7%  | 5%  | 2%   | 1%  | 0%  | 5%  | 0%  | 12% | 84% | 6%  | 13% | 3%  | 17% | 4%  |
| Area I (includes Meade Creek and Youbou)                                    | 13% | 6%  | 12%  | 7%  | 9%  | 25% | 36% | 2%  | 0%  | 94% | 18% | 12% | 2%  | 46% |
| City of Duncan  | 39% | 30% | 26%  | 28% | 48% | 39% | 36% | 19% | 16% | 22% | 85% | 52% | 15% | 21% |
| District of North Cowichan  | 49% | 12% | 19%  | 20% | 32% | 45% | 46% | 29% | 28% | 22% | 73% | 90% | 29% | 21% |
| Town of Ladysmith   | 36% | 13% | 20%  | 12% | 37% | 20% | 36% | 74% | 92% | 22% | 48% | 34% | 98% | 17% |
| Town of Lake Cowichan   | 23% | 15% | 17%  | 12% | 15% | 27% | 73% | 7%  | 16% | 72% | 38% | 23% | 15% | 96% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space     | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Playgrounds</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses           | 13%     | 14%    | 11%    | 15%    | 8%     | 10%    | 7%     | 22%    | 14%    | 13%    | 6%     | 12%            | 13%       | 21%           |
| 10-20 Uses         | 7%      | 11%    | 3%     | 5%     | 3%     | 8%     | 21%    | 8%     | 5%     | 0%     | 9%     | 6%             | 6%        | 12%           |
| 21+ Uses           | 10%     | 10%    | 16%    | 6%     | 15%    | 15%    | 29%    | 6%     | 2%     | 9%     | 9%     | 8%             | 17%       | 6%            |
| Did Not Use        | 71%     | 66%    | 70%    | 74%    | 75%    | 67%    | 43%    | 65%    | 79%    | 78%    | 78%    | 74%            | 64%       | 61%           |

| <b>Playgrounds</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |      |     |     |     |      |      |
|--|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|------|------|
| Area A (includes Malahat and Mill Bay)   | 23% | 97% | 50% | 35% | 21% | 17% | 0%  | 0%  | 0%   | 33% | 13% | 5%  | 7%   | 8%   |
| Area B (includes Shawnigan Lake)   | 25% | 58% | 91% | 27% | 32% | 13% | 0%  | 0%  | 0%   | 33% | 20% | 8%  | 14%  | 15%  |
| Area C (includes Cobble Hill)  | 29% | 39% | 62% | 92% | 37% | 26% | 0%  | 5%  | 0%   | 33% | 27% | 12% | 4%   | 8%   |
| Area D (includes Cowichan Bay)   | 22% | 29% | 21% | 38% | 84% | 30% | 0%  | 5%  | 0%   | 33% | 27% | 15% | 4%   | 8%   |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                                   | 26% | 23% | 27% | 19% | 47% | 91% | 43% | 0%  | 0%   | 33% | 47% | 27% | 4%   | 8%   |
| Area F (includes Cowichan Lake South and Skutz Falls)                                      | 12% | 10% | 9%  | 8%  | 0%  | 9%  | 71% | 0%  | 13%  | 33% | 27% | 17% | 4%   | 15%  |
| Area G (includes the Gulf Islands and Saltair)   | 10% | 3%  | 0%  | 8%  | 0%  | 4%  | 0%  | 85% | 13%  | 33% | 13% | 4%  | 21%  | 0%   |
| Area H (includes Diamond and North Oyster)   | 5%  | 0%  | 3%  | 3%  | 0%  | 4%  | 0%  | 0%  | 50%  | 33% | 7%  | 3%  | 14%  | 0%   |
| Area I (includes Meade Creek and Youbou)   | 7%  | 0%  | 3%  | 5%  | 5%  | 9%  | 14% | 0%  | 0%   | 67% | 7%  | 10% | 4%   | 31%  |
| City of Duncan   | 37% | 26% | 21% | 14% | 53% | 48% | 43% | 10% | 13%  | 33% | 87% | 56% | 11%  | 23%  |
| District of North Cowichan   | 40% | 10% | 9%  | 8%  | 26% | 17% | 43% | 20% | 13%  | 67% | 60% | 86% | 21%  | 8%   |
| Town of Ladysmith  | 36% | 10% | 12% | 16% | 47% | 26% | 29% | 65% | 100% | 33% | 33% | 32% | 100% | 23%  |
| Town of Lake Cowichan  | 16% | 7%  | 6%  | 3%  | 11% | 22% | 71% | 10% | 13%  | 67% | 7%  | 17% | 11%  | 100% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                         | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Private Fitness Centres/Studios</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                               | 6%      | 7%     | 5%     | 10%    | 9%     | 9%     | 14%    | 6%     | 5%     | 4%     | 4%     | 6%             | 5%        | 3%            |
| 10-20 Uses                             | 3%      | 2%     | 2%     | 3%     | 6%     | 3%     | 0%     | 3%     | 7%     | 0%     | 6%     | 3%             | 5%        | 6%            |
| 21+ Uses                               | 12%     | 17%    | 14%    | 15%    | 14%    | 20%    | 21%    | 5%     | 0%     | 13%    | 9%     | 11%            | 8%        | 9%            |
| Did Not Use                            | 79%     | 74%    | 79%    | 72%    | 71%    | 68%    | 64%    | 86%    | 88%    | 83%    | 82%    | 81%            | 82%       | 82%           |

| <b>Private Fitness Centres/Studios</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |     |      |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| Area A (includes Malahat and Mill Bay)   | 9%  | 48% | 32% | 8%  | 0%  | 4%  | 0%  | 0%  | 0%  | 0%   | 0%  | 2%  | 0%  | 0%  |
| Area B (includes Shawnigan Lake)   | 10% | 30% | 52% | 11% | 0%  | 0%  | 0%  | 0%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%  |
| Area C (includes Cobble Hill)  | 26% | 70% | 40% | 81% | 30% | 8%  | 0%  | 0%  | 0%  | 0%   | 0%  | 5%  | 0%  | 0%  |
| Area D (includes Cowichan Bay)   | 8%  | 13% | 12% | 5%  | 48% | 0%  | 0%  | 0%  | 0%  | 0%   | 0%  | 2%  | 0%  | 0%  |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)   | 4%  | 4%  | 0%  | 3%  | 4%  | 33% | 0%  | 0%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%  |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 20% | 0%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%  |
| Area G (includes the Gulf Islands and Saltair)   | 2%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 50% | 0%  | 0%   | 0%  | 0%  | 0%  | 0%  |
| Area H (includes Diamond and North Oyster)   | 1%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 75% | 0%   | 0%  | 0%  | 0%  | 0%  |
| Area I (includes Meade Creek and Youbou)   | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%   | 0%  | 0%  | 0%  | 17% |
| City of Duncan   | 42% | 39% | 12% | 14% | 44% | 58% | 60% | 13% | 0%  | 100% | 82% | 63% | 14% | 50% |
| District of North Cowichan   | 24% | 9%  | 8%  | 3%  | 17% | 17% | 40% | 13% | 0%  | 0%   | 18% | 50% | 21% | 0%  |
| Town of Ladysmith  | 8%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 63% | 75% | 0%   | 0%  | 2%  | 71% | 0%  |
| Town of Lake Cowichan  | 3%  | 0%  | 0%  | 0%  | 0%  | 0%  | 40% | 0%  | 0%  | 33%  | 0%  | 1%  | 0%  | 67% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Splash Pads (water parks)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                         | 9%      | 11%    | 8%     | 7%     | 5%     | 6%     | 14%    | 11%    | 17%    | 4%     | 6%     | 11%            | 13%       | 12%           |
| 10-20 Uses                       | 3%      | 1%     | 2%     | 1%     | 9%     | 3%     | 7%     | 5%     | 7%     | 0%     | 0%     | 2%             | 8%        | 0%            |
| 21+ Uses                         | 2%      | 2%     | 1%     | 0%     | 1%     | 3%     | 0%     | 5%     | 0%     | 0%     | 4%     | 3%             | 6%        | 3%            |
| Did Not Use                      | 86%     | 86%    | 90%    | 92%    | 85%    | 89%    | 79%    | 80%    | 76%    | 96%    | 90%    | 84%            | 73%       | 85%           |

| <b>Splash Pads (water parks)</b><br>(Of households that use the space, x% participated in this location) |     |     |      |     |     |     |      |      |      |      |     |     |      |     |
|--|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|------|-----|
| City of Duncan   | 54% | 92% | 100% | 75% | 67% | 78% | 100% | 8%   | 0%   | 0%   | 86% | 58% | 5%   | 80% |
| District of North Cowichan   | 18% | 8%  | 0%   | 13% | 17% | 11% | 0%   | 8%   | 10%  | 100% | 29% | 30% | 10%  | 0%  |
| Town of Ladysmith  | 65% | 39% | 10%  | 38% | 75% | 78% | 50%  | 100% | 100% | 0%   | 57% | 59% | 100% | 20% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space           | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>School Gymnasiums</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                 | 6%      | 12%    | 5%     | 7%     | 0%     | 5%     | 14%    | 9%     | 10%    | 0%     | 4%     | 6%             | 6%        | 9%            |
| 10-20 Uses               | 2%      | 5%     | 4%     | 3%     | 4%     | 1%     | 7%     | 0%     | 0%     | 0%     | 1%     | 1%             | 3%        | 0%            |
| 21+ Uses                 | 5%      | 4%     | 7%     | 3%     | 6%     | 5%     | 7%     | 0%     | 2%     | 0%     | 6%     | 6%             | 8%        | 3%            |
| Did Not Use              | 87%     | 79%    | 84%    | 88%    | 90%    | 89%    | 71%    | 91%    | 88%    | 100%   | 89%    | 89%            | 83%       | 88%           |

| <b>School Gymnasiums</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |     |    |      |     |     |      |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|------|-----|-----|------|
| Area A (includes Malahat and Mill Bay)   | 24% | 89% | 33% | 41% | 25% | 22% | 25% | 0%  | 0%  | 0% | 0%   | 7%  | 0%  | 0%   |
| Area B (includes Shawnigan Lake)   | 19% | 39% | 72% | 35% | 25% | 11% | 0%  | 0%  | 0%  | 0% | 0%   | 2%  | 0%  | 0%   |
| Area C (includes Cobble Hill)  | 21% | 28% | 44% | 59% | 38% | 11% | 0%  | 0%  | 0%  | 0% | 0%   | 11% | 0%  | 0%   |
| Area D (includes Cowichan Bay)   | 11% | 0%  | 17% | 41% | 50% | 11% | 0%  | 0%  | 0%  | 0% | 0%   | 4%  | 0%  | 0%   |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)   | 3%  | 6%  | 0%  | 0%  | 13% | 22% | 0%  | 0%  | 0%  | 0% | 0%   | 0%  | 0%  | 0%   |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 1%  | 0%  | 0%  | 0%  | 0%  | 0%  | 25% | 0%  | 0%  | 0% | 0%   | 0%  | 0%  | 0%   |
| Area G (includes the Gulf Islands and Saltair)   | 2%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 50% | 0%  | 0% | 0%   | 2%  | 0%  | 0%   |
| Area H (includes Diamond and North Oyster)   | 3%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 40% | 0% | 0%   | 0%  | 15% | 0%   |
| Area I (includes Meade Creek and Youbou)   | 1%  | 0%  | 0%  | 0%  | 0%  | 0%  | 25% | 0%  | 0%  | 0% | 0%   | 0%  | 0%  | 25%  |
| City of Duncan   | 27% | 11% | 6%  | 12% | 50% | 44% | 25% | 0%  | 20% | 0% | 100% | 44% | 0%  | 0%   |
| District of North Cowichan   | 36% | 11% | 0%  | 12% | 50% | 33% | 0%  | 0%  | 0%  | 0% | 57%  | 76% | 31% | 0%   |
| Town of Ladysmith  | 14% | 0%  | 0%  | 6%  | 0%  | 0%  | 0%  | 75% | 40% | 0% | 0%   | 7%  | 92% | 0%   |
| Town of Lake Cowichan  | 5%  | 0%  | 0%  | 0%  | 0%  | 0%  | 25% | 0%  | 0%  | 0% | 0%   | 4%  | 0%  | 100% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space         | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Community Halls</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses               | 29%     | 32%    | 35%    | 35%    | 23%    | 39%    | 50%    | 26%    | 26%    | 39%    | 21%    | 24%            | 30%       | 42%           |
| 10-20 Uses             | 5%      | 10%    | 3%     | 8%     | 1%     | 11%    | 7%     | 2%     | 0%     | 13%    | 7%     | 4%             | 5%        | 9%            |
| 21+ Uses               | 3%      | 2%     | 4%     | 3%     | 1%     | 6%     | 14%    | 8%     | 2%     | 4%     | 0%     | 1%             | 3%        | 6%            |
| Did Not Use            | 63%     | 57%    | 58%    | 55%    | 75%    | 43%    | 29%    | 65%    | 71%    | 44%    | 72%    | 71%            | 63%       | 42%           |

| <b>Community Halls</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Area A (includes Malahat and Mill Bay)   | 17% | 84% | 46% | 20% | 10% | 11% | 0%  | 0%  | 0%  | 8%  | 5%  | 4%  | 0%  | 0%  |
| Area B (includes Shawnigan Lake)   | 22% | 45% | 83% | 29% | 25% | 9%  | 10% | 6%  | 0%  | 8%  | 5%  | 8%  | 0%  | 0%  |
| Area C (includes Cobble Hill)  | 33% | 53% | 46% | 89% | 50% | 25% | 30% | 0%  | 0%  | 8%  | 20% | 21% | 3%  | 0%  |
| Area D (includes Cowichan Bay)   | 4%  | 8%  | 2%  | 2%  | 35% | 5%  | 0%  | 6%  | 0%  | 0%  | 0%  | 3%  | 0%  | 0%  |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                                       | 18% | 5%  | 8%  | 8%  | 25% | 84% | 30% | 0%  | 0%  | 0%  | 35% | 19% | 0%  | 5%  |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 4%  | 0%  | 0%  | 0%  | 0%  | 7%  | 30% | 0%  | 0%  | 23% | 0%  | 5%  | 0%  | 5%  |
| Area G (includes the Gulf Islands and Saltair)   | 3%  | 0%  | 2%  | 0%  | 0%  | 0%  | 0%  | 47% | 0%  | 0%  | 0%  | 3%  | 7%  | 0%  |
| Area H (includes Diamond and North Oyster)   | 5%  | 0%  | 0%  | 0%  | 0%  | 0%  | 0%  | 12% | 83% | 0%  | 0%  | 1%  | 17% | 0%  |
| Area I (includes Meade Creek and Youbou)   | 5%  | 0%  | 2%  | 0%  | 0%  | 5%  | 0%  | 0%  | 0%  | 85% | 0%  | 5%  | 0%  | 16% |
| City of Duncan   | 24% | 13% | 13% | 19% | 30% | 14% | 10% | 18% | 25% | 8%  | 75% | 39% | 7%  | 16% |
| District of North Cowichan   | 29% | 3%  | 6%  | 6%  | 40% | 21% | 40% | 35% | 8%  | 0%  | 30% | 74% | 14% | 0%  |
| Town of Ladysmith  | 17% | 5%  | 2%  | 6%  | 5%  | 7%  | 10% | 65% | 58% | 0%  | 10% | 12% | 97% | 5%  |
| Town of Lake Cowichan  | 13% | 5%  | 0%  | 2%  | 10% | 9%  | 50% | 0%  | 0%  | 69% | 0%  | 12% | 3%  | 95% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                              | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Sports Fields (“rectangular fields”)</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                                    | 6%      | 8%     | 10%    | 4%     | 4%     | 5%     | 0%     | 3%     | 5%     | 4%     | 3%     | 5%             | 10%       | 6%            |
| 10-20 Uses                                  | 3%      | 5%     | 4%     | 3%     | 4%     | 1%     | 7%     | 3%     | 2%     | 0%     | 1%     | 2%             | 5%        | 6%            |
| 21+ Uses                                    | 4%      | 1%     | 8%     | 3%     | 1%     | 4%     | 0%     | 3%     | 0%     | 0%     | 3%     | 4%             | 8%        | 6%            |
| Did Not Use                                 | 88%     | 85%    | 78%    | 89%    | 91%    | 90%    | 93%    | 91%    | 93%    | 96%    | 93%    | 90%            | 77%       | 82%           |

| <b>Sports Fields (“rectangular fields”)</b>                                 |     |     |      |     |     |     |      |     |      |      |     |     |      |     |
|---|-----|-----|------|-----|-----|-----|------|-----|------|------|-----|-----|------|-----|
| <i>(Of households that use the space, x% participated in this location)</i> |     |     |      |     |     |     |      |     |      |      |     |     |      |     |
| Area A (includes Malahat and Mill Bay)                                      | 24% | 92% | 30%  | 63% | 50% | 25% | 0%   | 17% | 0%   | 0%   | 0%  | 5%  | 0%   | 0%  |
| Area B (includes Shawnigan Lake)  | 30% | 69% | 100% | 50% | 33% | 13% | 0%   | 0%  | 0%   | 0%   | 0%  | 3%  | 0%   | 0%  |
| Area C (includes Cobble Hill)   | 14% | 23% | 30%  | 44% | 0%  | 13% | 0%   | 0%  | 0%   | 0%   | 0%  | 3%  | 0%   | 0%  |
| Area D (includes Cowichan Bay)  | 6%  | 8%  | 4%   | 25% | 33% | 13% | 0%   | 0%  | 0%   | 0%   | 0%  | 3%  | 0%   | 0%  |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                    | 4%  | 8%  | 0%   | 6%  | 0%  | 38% | 0%   | 0%  | 0%   | 0%   | 0%  | 3%  | 0%   | 0%  |
| Area F (includes Cowichan Lake South and Skutz Falls)                       | 1%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  | 0%   | 100% | 0%  | 0%  | 0%   | 17% |
| Area G (includes the Gulf Islands and Saltair)                              | 4%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   | 67% | 0%   | 0%   | 0%  | 0%  | 11%  | 0%  |
| Area H (includes Diamond and North Oyster)                                  | 4%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  | 100% | 0%   | 0%  | 0%  | 17%  | 0%  |
| Area I (includes Meade Creek and Youbou)                                    | 2%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  | 0%   | 0%   | 0%  | 3%  | 0%   | 33% |
| City of Duncan  | 44% | 15% | 17%  | 44% | 50% | 50% | 100% | 50% | 0%   | 100% | 80% | 63% | 22%  | 50% |
| District of North Cowichan  | 35% | 23% | 0%   | 25% | 67% | 38% | 0%   | 17% | 0%   | 0%   | 60% | 83% | 0%   | 0%  |
| Town of Ladysmith   | 21% | 8%  | 0%   | 6%  | 17% | 13% | 0%   | 50% | 67%  | 0%   | 0%  | 10% | 100% | 0%  |
| Town of Lake Cowichan   | 5%  | 0%  | 0%   | 0%  | 0%  | 0%  | 0%   | 0%  | 0%   | 100% | 0%  | 8%  | 0%   | 50% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space          | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|-------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Skateboard Parks</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                | 3%      | 2%     | 5%     | 2%     | 3%     | 3%     | 0%     | 3%     | 0%     | 0%     | 1%     | 3%             | 5%        | 3%            |
| 10-20 Uses              | 1%      | 1%     | 1%     | 0%     | 0%     | 0%     | 7%     | 0%     | 0%     | 0%     | 1%     | 1%             | 1%        | 0%            |
| 21+ Uses                | 1%      | 2%     | 1%     | 0%     | 3%     | 3%     | 0%     | 2%     | 0%     | 0%     | 0%     | 1%             | 6%        | 3%            |
| Did Not Use             | 95%     | 95%    | 93%    | 98%    | 95%    | 95%    | 93%    | 95%    | 100%   | 100%   | 97%    | 96%            | 87%       | 94%           |

| <b>Skateboard Parks</b><br>(Of households that use the space, x% participated in this location) |     |      |     |      |     |      |      |      |    |    |      |     |     |      |
|---|-----|------|-----|------|-----|------|------|------|----|----|------|-----|-----|------|
| Area A (includes Malahat and Mill Bay)  | 35% | 100% | 88% | 100% | 75% | 25%  | 0%   | 0%   | 0% | 0% | 50%  | 6%  | 0%  | 0%   |
| City of Duncan  | 36% | 0%   | 25% | 50%  | 75% | 100% | 0%   | 50%  | 0% | 0% | 100% | 44% | 10% | 0%   |
| District of North Cowichan  | 36% | 0%   | 0%  | 0%   | 75% | 0%   | 0%   | 100% | 0% | 0% | 50%  | 69% | 30% | 0%   |
| Town of Ladysmith   | 36% | 0%   | 0%  | 50%  | 25% | 0%   | 100% | 100% | 0% | 0% | 100% | 19% | 90% | 0%   |
| Town of Lake Cowichan   | 12% | 0%   | 0%  | 0%   | 25% | 25%  | 100% | 0%   | 0% | 0% | 50%  | 6%  | 0%  | 100% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                 | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Trails: Natural Surface</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                       | 19%     | 22%    | 14%    | 23%    | 19%    | 15%    | 7%     | 8%     | 29%    | 26%    | 18%    | 21%            | 18%       | 9%            |
| 10-20 Uses                     | 16%     | 18%    | 14%    | 11%    | 14%    | 15%    | 7%     | 14%    | 17%    | 4%     | 13%    | 20%            | 19%       | 9%            |
| 21+ Uses                       | 43%     | 41%    | 50%    | 36%    | 56%    | 49%    | 79%    | 51%    | 33%    | 30%    | 41%    | 40%            | 40%       | 61%           |
| Did Not Use                    | 23%     | 19%    | 22%    | 30%    | 11%    | 20%    | 7%     | 28%    | 21%    | 39%    | 28%    | 20%            | 23%       | 21%           |

| <b>Trails: Natural Surface</b><br>(Of households that use the space, x% participated in this location) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Area A (includes Malahat and Mill Bay)   | 32% | 96% | 60% | 52% | 38% | 18% | 8%  | 13% | 3%  | 21% | 28% | 20% | 8%  | 12% |
| Area B (includes Shawnigan Lake)   | 37% | 65% | 95% | 62% | 42% | 22% | 23% | 2%  | 9%  | 7%  | 37% | 24% | 13% | 8%  |
| Area C (includes Cobble Hill)  | 46% | 78% | 85% | 97% | 65% | 44% | 39% | 11% | 6%  | 7%  | 41% | 30% | 12% | 12% |
| Area D (includes Cowichan Bay)   | 40% | 46% | 52% | 46% | 77% | 44% | 15% | 11% | 19% | 14% | 45% | 40% | 12% | 20% |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)   | 34% | 32% | 29% | 30% | 55% | 91% | 23% | 4%  | 3%  | 7%  | 51% | 36% | 10% | 24% |
| Area F (includes Cowichan Lake South and Skutz Falls)  | 37% | 28% | 31% | 30% | 36% | 49% | 85% | 13% | 31% | 57% | 45% | 43% | 23% | 72% |
| Area G (includes the Gulf Islands and Saltair)   | 23% | 15% | 19% | 11% | 12% | 14% | 8%  | 89% | 38% | 7%  | 33% | 22% | 33% | 16% |
| Area H (includes Diamond and North Oyster)   | 9%  | 4%  | 3%  | 1%  | 0%  | 10% | 0%  | 9%  | 84% | 0%  | 14% | 6%  | 27% | 4%  |
| Area I (includes Meade Creek and Youbou)   | 10% | 8%  | 11% | 5%  | 3%  | 18% | 39% | 4%  | 3%  | 86% | 16% | 9%  | 3%  | 36% |
| City of Duncan   | 32% | 26% | 22% | 21% | 26% | 25% | 23% | 20% | 9%  | 21% | 80% | 42% | 17% | 28% |
| District of North Cowichan   | 53% | 19% | 23% | 18% | 44% | 41% | 39% | 39% | 25% | 7%  | 78% | 92% | 33% | 28% |
| Town of Ladysmith  | 28% | 11% | 11% | 12% | 12% | 19% | 8%  | 72% | 78% | 14% | 28% | 25% | 97% | 12% |
| Town of Lake Cowichan  | 19% | 12% | 9%  | 11% | 10% | 19% | 77% | 4%  | 19% | 86% | 20% | 19% | 13% | 92% |

In addition to the major facilities identified in the previous question, there are a number of other recreation and leisure spaces (indoor and outdoor) available throughout the Cowichan region. From the list below, please identify how frequently household members have used each in the previous 12 months (estimated total visits by household members). Also indicate where household members use/access them.

| Facility/Space                    | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|-----------------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Trails: Paved “Multi-ways”</b> |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| 1-9 Uses                          | 16%     | 14%    | 17%    | 13%    | 24%    | 20%    | 0%     | 11%    | 19%    | 9%     | 16%    | 19%            | 17%       | 15%           |
| 10-20 Uses                        | 10%     | 10%    | 8%     | 6%     | 14%    | 10%    | 14%    | 8%     | 5%     | 13%    | 10%    | 13%            | 6%        | 6%            |
| 21+ Uses                          | 18%     | 18%    | 13%    | 13%    | 13%    | 18%    | 36%    | 22%    | 5%     | 17%    | 25%    | 18%            | 22%       | 33%           |
| Did Not Use                       | 56%     | 59%    | 63%    | 68%    | 50%    | 52%    | 50%    | 60%    | 71%    | 61%    | 49%    | 50%            | 55%       | 46%           |

| <b>Trails: Paved “Multi-ways”</b>   |     |     |     |     |     |     |     |     |     |     |     |     |      |     |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| <i>(Of households that use the space, x% participated in this location)</i> |     |     |     |     |     |     |     |     |     |     |     |     |      |     |
| Area A (includes Malahat and Mill Bay)                                      | 21% | 91% | 39% | 40% | 27% | 14% | 14% | 14% | 0%  | 25% | 6%  | 9%  | 9%   | 0%  |
| Area B (includes Shawnigan Lake)  | 23% | 66% | 69% | 42% | 18% | 17% | 29% | 0%  | 0%  | 13% | 9%  | 15% | 6%   | 0%  |
| Area C (includes Cobble Hill)   | 24% | 54% | 44% | 72% | 30% | 9%  | 29% | 5%  | 0%  | 13% | 12% | 15% | 6%   | 0%  |
| Area D (includes Cowichan Bay)  | 27% | 46% | 26% | 42% | 49% | 31% | 14% | 10% | 8%  | 50% | 24% | 24% | 13%  | 13% |
| Area E (includes Cowichan Station, Glenora, and Sahtlam)                    | 19% | 29% | 13% | 23% | 30% | 54% | 14% | 0%  | 0%  | 13% | 21% | 18% | 3%   | 13% |
| Area F (includes Cowichan Lake South and Skutz Falls)                       | 15% | 26% | 15% | 19% | 18% | 11% | 57% | 10% | 8%  | 38% | 9%  | 14% | 6%   | 38% |
| Area G (includes the Gulf Islands and Saltair)                              | 11% | 11% | 8%  | 7%  | 3%  | 9%  | 0%  | 62% | 8%  | 25% | 9%  | 10% | 16%  | 6%  |
| Area H (includes Diamond and North Oyster)                                  | 3%  | 6%  | 3%  | 2%  | 0%  | 3%  | 0%  | 0%  | 25% | 13% | 3%  | 3%  | 9%   | 0%  |
| Area I (includes Meade Creek and Youbou)                                    | 5%  | 11% | 8%  | 7%  | 0%  | 3%  | 14% | 0%  | 0%  | 63% | 6%  | 3%  | 3%   | 19% |
| City of Duncan  | 48% | 37% | 44% | 42% | 46% | 46% | 43% | 24% | 8%  | 63% | 88% | 54% | 28%  | 31% |
| District of North Cowichan  | 52% | 23% | 13% | 19% | 39% | 46% | 43% | 52% | 17% | 13% | 61% | 84% | 28%  | 19% |
| Town of Ladysmith   | 25% | 20% | 13% | 12% | 12% | 6%  | 0%  | 76% | 92% | 13% | 18% | 17% | 100% | 0%  |
| Town of Lake Cowichan   | 16% | 11% | 8%  | 16% | 15% | 14% | 86% | 10% | 17% | 88% | 9%  | 12% | 9%   | 81% |

Does your household travel outside of the Cowichan region to participate in recreation activities?

| Response | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|----------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Yes      | 61%     | 62%    | 72%    | 63%    | 59%    | 65%    | 86%    | 60%    | 71%    | 48%    | 56%    | 61%            | 61%       | 58%           |
| No       | 37%     | 35%    | 25%    | 37%    | 39%    | 32%    | 14%    | 35%    | 29%    | 44%    | 40%    | 39%            | 38%       | 42%           |
| Not Sure | 2%      | 3%     | 3%     | 1%     | 3%     | 3%     | 0%     | 5%     | 0%     | 9%     | 4%     | 1%             | 1%        | 0%            |

Title

| Activity Types  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Aquatics “drop-in”  | 13%     | 18%    | 15%    | 12%    | 12%    | 8%     | 17%    | 12%    | 20%    | 18%    | 15%    | 8%             | 22%       | 21%           |
| Aquatics programs (swimming lessons or classes)   | 3%      | 5%     | 5%     | 4%     | 4%     | 0%     | 0%     | 0%     | 7%     | 0%     | 3%     | 2%             | 7%        | 5%            |
| Arts and cultural pursuits (e.g. theatre performances, dance)   | 40%     | 34%    | 36%    | 53%    | 41%    | 42%    | 25%    | 32%    | 33%    | 27%    | 40%    | 39%            | 46%       | 53%           |
| Fitness programs/classes  | 9%      | 18%    | 16%    | 9%     | 6%     | 6%     | 25%    | 2%     | 10%    | 18%    | 0%     | 4%             | 13%       | 11%           |
| Outdoor/nature pursuits (i.e. hiking, birdwatching, geocaching)   | 73%     | 82%    | 69%    | 73%    | 80%    | 69%    | 75%    | 78%    | 77%    | 73%    | 75%    | 72%            | 72%       | 58%           |
| Sport competitions/tournaments (in order to participate or watch family or friends)                       | 28%     | 21%    | 26%    | 32%    | 27%    | 27%    | 58%    | 24%    | 23%    | 27%    | 25%    | 26%            | 37%       | 37%           |
| Sport programs (e.g. to play on elite levels teams or because the sport program is not available locally) | 9%      | 8%     | 11%    | 9%     | 14%    | 8%     | 0%     | 10%    | 10%    | 9%     | 8%     | 7%             | 15%       | 16%           |
| Sporting events (spectator events)  | 22%     | 20%    | 28%    | 28%    | 18%    | 17%    | 8%     | 24%    | 10%    | 18%    | 28%    | 20%            | 24%       | 21%           |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

|   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| <b>Children (0-5 Years)</b>   |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Dry-land fitness programs<br>(e.g. fitness classes, spin classes, yoga)   | 3%      | 4%     | 2%     | 2%     | 2%     | 0%     | 6%     | 0%     | 0%     | 4%     | 5%     | 3%             | 5%        | 4%            |
| Aquatics programs<br>(e.g. lessons, aqua-fitness classes)   | 9%      | 12%    | 14%    | 7%     | 7%     | 10%    | 17%    | 10%    | 8%     | 8%     | 10%    | 8%             | 11%       | 11%           |
| Aquatics drop-in opportunities<br>(e.g. lane swim, public swim)   | 7%      | 11%    | 9%     | 6%     | 1%     | 2%     | 14%    | 5%     | 8%     | 5%     | 9%     | 6%             | 8%        | 6%            |
| Organized sport leagues   | 5%      | 8%     | 6%     | 4%     | 0%     | 3%     | 8%     | 7%     | 0%     | 0%     | 5%     | 3%             | 12%       | 7%            |
| Drop-in sports<br>(e.g. shinny hockey, drop-in basketball)  | 3%      | 6%     | 1%     | 0%     | 2%     | 2%     | 7%     | 2%     | 0%     | 0%     | 3%     | 2%             | 5%        | 6%            |
| General recreation programming<br>(non-competitive sport and<br>leisure activities)   | 7%      | 9%     | 8%     | 4%     | 6%     | 6%     | 7%     | 4%     | 3%     | 0%     | 7%     | 9%             | 8%        | 14%           |
| Multi-generational programming<br>(opportunities for multiple age groups<br>to integrate and participate in<br>activities together) | 9%      | 10%    | 10%    | 8%     | 6%     | 12%    | 10%    | 0%     | 6%     | 0%     | 8%     | 9%             | 13%       | 16%           |
| Summer activity camps   | 10%     | 12%    | 10%    | 7%     | 4%     | 10%    | 12%    | 6%     | 3%     | 0%     | 10%    | 12%            | 14%       | 20%           |
| Personal wellness<br>(e.g. healthy eating and nutrition classes)  | 5%      | 7%     | 3%     | 3%     | 3%     | 5%     | 0%     | 3%     | 0%     | 5%     | 6%     | 6%             | 8%        | 4%            |
| Outdoor education and skill development<br>(e.g. hiking, fishing, survival)   | 6%      | 6%     | 4%     | 6%     | 5%     | 6%     | 6%     | 7%     | 0%     | 6%     | 11%    | 6%             | 8%        | 7%            |
| Community and social events   | 7%      | 9%     | 7%     | 6%     | 4%     | 5%     | 0%     | 7%     | 3%     | 4%     | 11%    | 7%             | 11%       | 13%           |
| Performing arts<br>(e.g. dance, theatre)  | 7%      | 10%    | 7%     | 2%     | 5%     | 7%     | 0%     | 3%     | 0%     | 0%     | 10%    | 7%             | 13%       | 9%            |
| Visual arts<br>(e.g. crafts, painting, pottery)   | 6%      | 7%     | 5%     | 4%     | 3%     | 8%     | 0%     | 0%     | 0%     | 5%     | 12%    | 8%             | 7%        | 7%            |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

| Youth (6-12 Years)  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Dry-land fitness programs<br>(e.g. fitness classes, spin classes, yoga)   | 5%      | 6%     | 4%     | 2%     | 6%     | 5%     | 12%    | 0%     | 0%     | 8%     | 6%     | 4%             | 5%        | 13%           |
| Aquatics programs<br>(e.g. lessons, aqua-fitness classes)   | 11%     | 13%    | 17%    | 9%     | 10%    | 10%    | 17%    | 6%     | 6%     | 8%     | 11%    | 9%             | 13%       | 11%           |
| Aquatics drop-in opportunities<br>(e.g. lane swim, public swim)   | 9%      | 13%    | 12%    | 8%     | 7%     | 4%     | 14%    | 7%     | 6%     | 5%     | 11%    | 8%             | 9%        | 13%           |
| Organized sport leagues   | 11%     | 18%    | 9%     | 10%    | 12%    | 10%    | 15%    | 9%     | 6%     | 7%     | 16%    | 11%            | 13%       | 14%           |
| Drop-in sports<br>(e.g. shinny hockey, drop-in basketball)  | 11%     | 21%    | 8%     | 4%     | 9%     | 7%     | 21%    | 11%    | 3%     | 12%    | 9%     | 11%            | 17%       | 18%           |
| General recreation programming<br>(non-competitive sport and<br>leisure activities)   | 10%     | 14%    | 11%    | 7%     | 11%    | 7%     | 20%    | 4%     | 3%     | 10%    | 13%    | 10%            | 13%       | 16%           |
| Multi-generational programming<br>(opportunities for multiple age groups<br>to integrate and participate in<br>activities together) | 11%     | 15%    | 13%    | 9%     | 10%    | 13%    | 15%    | 8%     | 3%     | 0%     | 15%    | 10%            | 16%       | 16%           |
| Summer activity camps   | 21%     | 27%    | 18%    | 15%    | 21%    | 19%    | 35%    | 11%    | 17%    | 21%    | 20%    | 22%            | 28%       | 27%           |
| Personal wellness<br>(e.g. healthy eating and nutrition classes)  | 10%     | 13%    | 9%     | 8%     | 15%    | 11%    | 13%    | 7%     | 0%     | 5%     | 13%    | 9%             | 10%       | 12%           |
| Outdoor education and skill development<br>(e.g. hiking, fishing, survival)   | 15%     | 14%    | 18%    | 14%    | 15%    | 16%    | 17%    | 7%     | 6%     | 9%     | 20%    | 16%            | 19%       | 19%           |
| Community and social events   | 10%     | 12%    | 12%    | 7%     | 9%     | 8%     | 10%    | 7%     | 5%     | 4%     | 13%    | 9%             | 13%       | 13%           |
| Performing arts<br>(e.g. dance, theatre)  | 11%     | 13%    | 13%    | 7%     | 11%    | 12%    | 15%    | 3%     | 10%    | 0%     | 14%    | 10%            | 15%       | 11%           |
| Visual arts<br>(e.g. crafts, painting, pottery)   | 11%     | 15%    | 9%     | 9%     | 14%    | 12%    | 31%    | 2%     | 10%    | 5%     | 12%    | 10%            | 13%       | 14%           |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

| Teens (13-18 Years)  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Dry-land fitness programs (e.g. fitness classes, spin classes, yoga)   | 9%      | 9%     | 8%     | 7%     | 6%     | 10%    | 18%    | 6%     | 3%     | 8%     | 11%    | 8%             | 15%       | 20%           |
| Aquatics programs (e.g. lessons, aqua-fitness classes)   | 10%     | 13%    | 11%    | 9%     | 10%    | 6%     | 22%    | 6%     | 3%     | 8%     | 8%     | 8%             | 11%       | 14%           |
| Aquatics drop-in opportunities (e.g. lane swim, public swim)   | 9%      | 11%    | 14%    | 6%     | 6%     | 5%     | 21%    | 7%     | 8%     | 5%     | 9%     | 8%             | 14%       | 9%            |
| Organized sport leagues  | 13%     | 18%    | 13%    | 9%     | 13%    | 10%    | 23%    | 13%    | 9%     | 7%     | 16%    | 14%            | 12%       | 21%           |
| Drop-in sports (e.g. shinny hockey, drop-in basketball)  | 16%     | 18%    | 14%    | 11%    | 16%    | 12%    | 21%    | 11%    | 9%     | 12%    | 17%    | 16%            | 22%       | 21%           |
| General recreation programming (non-competitive sport and leisure activities)  | 13%     | 14%    | 12%    | 9%     | 14%    | 12%    | 20%    | 9%     | 6%     | 10%    | 13%    | 13%            | 16%       | 19%           |
| Multi-generational programming (opportunities for multiple age groups to integrate and participate in activities together) | 13%     | 13%    | 15%    | 10%    | 16%    | 13%    | 15%    | 10%    | 6%     | 6%     | 13%    | 13%            | 19%       | 19%           |
| Summer activity camps  | 19%     | 21%    | 20%    | 12%    | 16%    | 22%    | 29%    | 14%    | 11%    | 14%    | 18%    | 22%            | 18%       | 24%           |
| Personal wellness (e.g. healthy eating and nutrition classes)  | 14%     | 15%    | 18%    | 10%    | 16%    | 16%    | 27%    | 12%    | 8%     | 14%    | 13%    | 14%            | 19%       | 18%           |
| Outdoor education and skill development (e.g. hiking, fishing, survival)   | 19%     | 20%    | 20%    | 15%    | 21%    | 23%    | 28%    | 15%    | 15%    | 12%    | 20%    | 20%            | 22%       | 26%           |
| Community and social events  | 14%     | 14%    | 16%    | 11%    | 14%    | 16%    | 10%    | 12%    | 5%     | 8%     | 16%    | 13%            | 17%       | 20%           |
| Performing arts (e.g. dance, theatre)  | 12%     | 15%    | 11%    | 9%     | 18%    | 12%    | 23%    | 5%     | 10%    | 0%     | 14%    | 12%            | 16%       | 15%           |
| Visual arts (e.g. crafts, painting, pottery)   | 12%     | 15%    | 11%    | 9%     | 14%    | 12%    | 23%    | 7%     | 8%     | 5%     | 12%    | 12%            | 17%       | 17%           |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

| Adults (19-64 Years)  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Dry-land fitness programs<br>(e.g. fitness classes, spin classes, yoga)   | 26%     | 28%    | 37%    | 27%    | 29%    | 20%    | 29%    | 16%    | 16%    | 27%    | 31%    | 25%            | 29%       | 24%           |
| Aquatics programs<br>(e.g. lessons, aqua-fitness classes)   | 17%     | 20%    | 17%    | 15%    | 17%    | 13%    | 17%    | 14%    | 8%     | 19%    | 20%    | 17%            | 19%       | 17%           |
| Aquatics drop-in opportunities<br>(e.g. lane swim, public swim)   | 20%     | 22%    | 21%    | 14%    | 16%    | 25%    | 14%    | 11%    | 16%    | 19%    | 21%    | 21%            | 26%       | 19%           |
| Organized sport leagues   | 14%     | 12%    | 22%    | 8%     | 13%    | 5%     | 31%    | 15%    | 9%     | 7%     | 16%    | 15%            | 23%       | 10%           |
| Drop-in sports<br>(e.g. shinny hockey, drop-in basketball)  | 16%     | 12%    | 18%    | 11%    | 21%    | 14%    | 29%    | 16%    | 15%    | 12%    | 14%    | 18%            | 16%       | 21%           |
| General recreation programming<br>(non-competitive sport and leisure activities)  | 21%     | 18%    | 23%    | 18%    | 19%    | 20%    | 20%    | 24%    | 11%    | 19%    | 24%    | 22%            | 26%       | 24%           |
| Multi-generational programming<br>(opportunities for multiple age groups to integrate and participate in activities together) | 16%     | 17%    | 17%    | 10%    | 16%    | 17%    | 20%    | 15%    | 9%     | 6%     | 15%    | 17%            | 20%       | 18%           |
| Summer activity camps   | 5%      | 1%     | 3%     | 2%     | 5%     | 5%     | 6%     | 11%    | 6%     | 0%     | 12%    | 4%             | 6%        | 4%            |
| Personal wellness<br>(e.g. healthy eating and nutrition classes)  | 23%     | 24%    | 27%    | 22%    | 21%    | 21%    | 27%    | 22%    | 17%    | 23%    | 24%    | 22%            | 28%       | 29%           |
| Outdoor education and skill development<br>(e.g. hiking, fishing, survival)   | 24%     | 27%    | 28%    | 21%    | 28%    | 22%    | 22%    | 27%    | 23%    | 24%    | 22%    | 23%            | 25%       | 23%           |
| Community and social events   | 22%     | 24%    | 27%    | 20%    | 23%    | 16%    | 20%    | 16%    | 14%    | 19%    | 21%    | 22%            | 23%       | 23%           |
| Performing arts<br>(e.g. dance, theatre)  | 20%     | 23%    | 18%    | 21%    | 23%    | 22%    | 15%    | 18%    | 17%    | 0%     | 20%    | 19%            | 21%       | 19%           |
| Visual arts<br>(e.g. crafts, painting, pottery)   | 20%     | 22%    | 22%    | 16%    | 26%    | 19%    | 8%     | 22%    | 10%    | 15%    | 22%    | 19%            | 25%       | 17%           |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

| Seniors (65+ Years)  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Dry-land fitness programs (e.g. fitness classes, spin classes, yoga)   | 26%     | 31%    | 21%    | 25%    | 23%    | 20%    | 24%    | 28%    | 16%    | 31%    | 26%    | 28%            | 27%       | 22%           |
| Aquatics programs (e.g. lessons, aqua-fitness classes)   | 19%     | 23%    | 14%    | 20%    | 17%    | 19%    | 17%    | 18%    | 11%    | 23%    | 21%    | 20%            | 25%       | 20%           |
| Aquatics drop-in opportunities (e.g. lane swim, public swim)   | 19%     | 24%    | 15%    | 22%    | 19%    | 18%    | 21%    | 16%    | 18%    | 19%    | 16%    | 17%            | 26%       | 22%           |
| Organized sport leagues  | 7%      | 6%     | 6%     | 4%     | 6%     | 5%     | 0%     | 15%    | 3%     | 21%    | 5%     | 7%             | 10%       | 3%            |
| Drop-in sports (e.g. shinny hockey, drop-in basketball)  | 7%      | 9%     | 9%     | 6%     | 5%     | 5%     | 0%     | 13%    | 9%     | 12%    | 3%     | 6%             | 10%       | 3%            |
| General recreation programming (non-competitive sport and leisure activities)  | 22%     | 24%    | 15%    | 19%    | 20%    | 20%    | 13%    | 31%    | 14%    | 24%    | 20%    | 24%            | 23%       | 19%           |
| Multi-generational programming (opportunities for multiple age groups to integrate and participate in activities together) | 18%     | 17%    | 14%    | 16%    | 19%    | 19%    | 30%    | 21%    | 12%    | 19%    | 19%    | 18%            | 17%       | 19%           |
| Summer activity camps  | 4%      | 0%     | 7%     | 3%     | 5%     | 5%     | 0%     | 3%     | 6%     | 7%     | 4%     | 3%             | 6%        | 4%            |
| Personal wellness (e.g. healthy eating and nutrition classes)  | 23%     | 27%    | 16%    | 23%    | 23%    | 23%    | 13%    | 32%    | 19%    | 23%    | 22%    | 25%            | 24%       | 20%           |
| Outdoor education and skill development (e.g. hiking, fishing, survival)   | 17%     | 18%    | 12%    | 17%    | 19%    | 15%    | 17%    | 22%    | 19%    | 24%    | 16%    | 19%            | 15%       | 16%           |
| Community and social events  | 22%     | 22%    | 17%    | 20%    | 25%    | 18%    | 20%    | 25%    | 22%    | 27%    | 22%    | 23%            | 24%       | 18%           |
| Performing arts (e.g. dance, theatre)  | 21%     | 21%    | 13%    | 23%    | 21%    | 17%    | 23%    | 15%    | 21%    | 19%    | 20%    | 21%            | 24%       | 23%           |
| Visual arts (e.g. crafts, painting, pottery)   | 21%     | 24%    | 16%    | 18%    | 22%    | 19%    | 31%    | 26%    | 18%    | 30%    | 18%    | 22%            | 24%       | 17%           |

From the categories of recreation opportunities listed below, please select those that you think should be more readily available and/or improved for each age group. Select all that apply.

| No Additional Opportunities Required   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Dry-land fitness programs (e.g. fitness classes, spin classes, yoga)   | 32%     | 22%    | 27%    | 38%    | 35%    | 44%    | 12%    | 50%    | 65%    | 23%    | 21%    | 32%            | 19%       | 16%           |
| Aquatics programs (e.g. lessons, aqua-fitness classes)   | 34%     | 19%    | 28%    | 40%    | 40%    | 43%    | 11%    | 47%    | 64%    | 35%    | 30%    | 37%            | 21%       | 26%           |
| Aquatics drop-in opportunities (e.g. lane swim, public swim)   | 36%     | 19%    | 28%    | 44%    | 50%    | 46%    | 14%    | 55%    | 43%    | 48%    | 34%    | 40%            | 18%       | 31%           |
| Organized sport leagues  | 50%     | 38%    | 45%    | 64%    | 56%    | 68%    | 23%    | 41%    | 74%    | 57%    | 42%    | 50%            | 31%       | 45%           |
| Drop-in sports (e.g. shinny hockey, drop-in basketball)  | 48%     | 34%    | 49%    | 69%    | 46%    | 60%    | 21%    | 47%    | 65%    | 53%    | 54%    | 47%            | 29%       | 30%           |
| General recreation programming (non-competitive sport and leisure activities)  | 27%     | 21%    | 31%    | 43%    | 30%    | 35%    | 20%    | 29%    | 63%    | 38%    | 22%    | 23%            | 14%       | 9%            |
| Multi-generational programming (opportunities for multiple age groups to integrate and participate in activities together) | 32%     | 29%    | 30%    | 46%    | 32%    | 27%    | 10%    | 46%    | 65%    | 69%    | 30%    | 33%            | 14%       | 11%           |
| Summer activity camps  | 41%     | 38%    | 42%    | 60%    | 48%    | 38%    | 18%    | 56%    | 58%    | 57%    | 35%    | 38%            | 28%       | 20%           |
| Personal wellness (e.g. healthy eating and nutrition classes)  | 25%     | 14%    | 28%    | 33%    | 22%    | 23%    | 20%    | 25%    | 56%    | 32%    | 24%    | 24%            | 11%       | 16%           |
| Outdoor education and skill development (e.g. hiking, fishing, survival)   | 18%     | 15%    | 17%    | 27%    | 12%    | 17%    | 11%    | 21%    | 36%    | 24%    | 11%    | 17%            | 11%       | 9%            |
| Community and social events  | 26%     | 19%    | 22%    | 36%    | 25%    | 36%    | 40%    | 31%    | 51%    | 38%    | 17%    | 26%            | 12%       | 13%           |
| Performing arts (e.g. dance, theatre)  | 30%     | 18%    | 37%    | 37%    | 23%    | 30%    | 23%    | 58%    | 43%    | 81%    | 20%    | 31%            | 11%       | 23%           |
| Visual arts (e.g. crafts, painting, pottery)   | 30%     | 17%    | 37%    | 43%    | 22%    | 30%    | 8%     | 43%    | 54%    | 40%    | 25%    | 29%            | 14%       | 29%           |

Is there a need for new and/or enhanced recreation facilities to be developed in the Cowichan region?

| Response  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Yes   | 35%     | 48%    | 49%    | 28%    | 38%    | 33%    | 50%    | 19%    | 21%    | 44%    | 32%    | 33%            | 37%       | 46%           |
| No: Current facilities are sufficient and overall levels should be maintained | 40%     | 27%    | 27%    | 45%    | 35%    | 42%    | 29%    | 47%    | 55%    | 44%    | 42%    | 46%            | 24%       | 30%           |
| No: There are too many facilities and less should be provided                 | 5%      | 2%     | 8%     | 11%    | 6%     | 5%     | 0%     | 9%     | 12%    | 4%     | 3%     | 3%             | 4%        | 9%            |
| Not Sure  | 20%     | 23%    | 16%    | 17%    | 20%    | 20%    | 21%    | 25%    | 12%    | 9%     | 23%    | 19%            | 35%       | 15%           |

Please identify up to five indoor recreation facility types that you believe should be a priority for enhanced provision in the Cowichan region. (Enhanced provision could occur through new development and/or upgrades to existing facilities.) Select up to 5 indoor spaces.

| Indoor Spaces  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Aquatics Facilities  | 39%     | 64%    | 68%    | 47%    | 43%    | 20%    | 40%    | 25%    | 39%    | 33%    | 27%    | 26%            | 36%       | 47%           |
| Climbing Walls   | 33%     | 31%    | 38%    | 29%    | 48%    | 40%    | 60%    | 8%     | 31%    | 25%    | 37%    | 32%            | 26%       | 26%           |
| Combative Sport Spaces (padded floor space for martial arts) | 2%      | 2%     | 0%     | 3%     | 3%     | 0%     | 0%     | 0%     | 15%    | 0%     | 10%    | 2%             | 4%        | 0%            |
| Curling Facilities   | 7%      | 2%     | 9%     | 10%    | 3%     | 3%     | 20%    | 17%    | 15%    | 8%     | 13%    | 5%             | 11%       | 5%            |
| Fitness Facilities (weight and cardio equipment spaces)      | 32%     | 36%    | 38%    | 33%    | 25%    | 29%    | 30%    | 33%    | 39%    | 42%    | 33%    | 31%            | 28%       | 26%           |
| Gymnasium Type Space   | 8%      | 9%     | 9%     | 9%     | 5%     | 11%    | 10%    | 4%     | 23%    | 8%     | 7%     | 7%             | 11%       | 11%           |
| Gymnastics Facilities  | 5%      | 8%     | 6%     | 9%     | 3%     | 0%     | 0%     | 0%     | 15%    | 0%     | 10%    | 4%             | 2%        | 0%            |
| Ice Arenas   | 13%     | 6%     | 12%    | 14%    | 15%    | 9%     | 20%    | 4%     | 23%    | 0%     | 7%     | 14%            | 21%       | 16%           |
| Indoor Fields  | 8%      | 3%     | 9%     | 14%    | 0%     | 6%     | 20%    | 13%    | 15%    | 8%     | 10%    | 9%             | 6%        | 5%            |
| Indoor Pickleball Courts                                     | 13%     | 17%    | 3%     | 10%    | 10%    | 14%    | 10%    | 33%    | 8%     | 17%    | 13%    | 14%            | 13%       | 21%           |
| Indoor Playgrounds   | 19%     | 14%    | 19%    | 12%    | 15%    | 20%    | 20%    | 13%    | 8%     | 0%     | 17%    | 24%            | 19%       | 26%           |
| Indoor Tennis Courts   | 13%     | 22%    | 4%     | 16%    | 10%    | 17%    | 10%    | 17%    | 0%     | 0%     | 3%     | 14%            | 11%       | 16%           |
| Indoor Track for Jogging/Walking                             | 33%     | 22%    | 28%    | 28%    | 33%    | 43%    | 50%    | 33%    | 15%    | 50%    | 40%    | 36%            | 34%       | 26%           |
| Program Rooms/Studios  | 11%     | 6%     | 10%    | 7%     | 10%    | 9%     | 0%     | 21%    | 8%     | 17%    | 17%    | 11%            | 11%       | 21%           |
| Seniors Activity Spaces                                      | 37%     | 47%    | 29%    | 35%    | 33%    | 40%    | 10%    | 67%    | 23%    | 33%    | 43%    | 37%            | 32%       | 42%           |
| Social Gathering/Banquet Spaces                              | 11%     | 13%    | 12%    | 7%     | 10%    | 11%    | 0%     | 21%    | 8%     | 17%    | 20%    | 11%            | 6%        | 16%           |
| Squash/Racquetball Courts                                    | 13%     | 6%     | 15%    | 10%    | 8%     | 11%    | 10%    | 13%    | 8%     | 0%     | 10%    | 18%            | 13%       | 26%           |
| Youth Activity Spaces  | 23%     | 19%    | 22%    | 19%    | 15%    | 29%    | 40%    | 4%     | 23%    | 17%    | 27%    | 25%            | 34%       | 32%           |

Please identify up to five outdoor recreation facility types that you believe should be a priority for enhanced provision in the Cowichan region. (Enhanced provision could occur through new development and/or upgrades to existing facilities.) Select up to 5 outdoor spaces.

| Outdoor Spaces  | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Ball Diamonds   | 5%      | 3%     | 6%     | 7%     | 0%     | 5%     | 0%     | 17%    | 8%     | 0%     | 7%     | 3%             | 7%        | 6%            |
| Community Park Spaces   | 37%     | 40%    | 49%    | 26%    | 26%    | 36%    | 22%    | 46%    | 46%    | 50%    | 43%    | 38%            | 30%       | 33%           |
| Outdoor Aquatics Facilities (splash parks or pools)   | 25%     | 32%    | 32%    | 26%    | 23%    | 18%    | 33%    | 17%    | 39%    | 33%    | 13%    | 24%            | 20%       | 28%           |
| Outdoor Fitness Equipment   | 18%     | 22%    | 15%    | 25%    | 14%    | 18%    | 44%    | 21%    | 23%    | 8%     | 7%     | 16%            | 24%       | 39%           |
| Outdoor Paved Sport Courts (i.e. for basketball, ball hockey, etc.)                                     | 8%      | 5%     | 12%    | 12%    | 9%     | 3%     | 0%     | 0%     | 15%    | 8%     | 10%    | 8%             | 11%       | 11%           |
| Pickleball Courts   | 11%     | 15%    | 3%     | 9%     | 9%     | 10%    | 11%    | 38%    | 0%     | 17%    | 3%     | 11%            | 15%       | 11%           |
| Playgrounds   | 23%     | 25%    | 25%    | 23%    | 14%    | 21%    | 33%    | 13%    | 15%    | 8%     | 30%    | 25%            | 28%       | 17%           |
| Skateboard/BMX Parks  | 12%     | 10%    | 13%    | 12%    | 16%    | 5%     | 11%    | 8%     | 8%     | 8%     | 10%    | 13%            | 17%       | 0%            |
| Sport Fields: Community Level (natural surface fields with basic amenities)                             | 14%     | 7%     | 17%    | 18%    | 0%     | 21%    | 22%    | 25%    | 15%    | 8%     | 13%    | 15%            | 11%       | 22%           |
| Sport Fields: High Performance (artificial turf or premium natural surface with full support amenities) | 9%      | 7%     | 7%     | 16%    | 5%     | 5%     | 0%     | 0%     | 15%    | 8%     | 7%     | 12%            | 11%       | 11%           |
| Tennis Courts   | 17%     | 27%    | 15%    | 32%    | 16%    | 23%    | 11%    | 17%    | 8%     | 0%     | 10%    | 14%            | 15%       | 6%            |
| Track and Field Facilities  | 4%      | 3%     | 4%     | 5%     | 5%     | 0%     | 11%    | 0%     | 0%     | 0%     | 13%    | 5%             | 0%        | 6%            |
| Trails: Natural Surface   | 76%     | 83%    | 68%    | 77%    | 67%    | 80%    | 56%    | 83%    | 100%   | 67%    | 57%    | 79%            | 78%       | 72%           |
| Trails: Paved   | 41%     | 50%    | 30%    | 42%    | 37%    | 36%    | 22%    | 38%    | 39%    | 33%    | 53%    | 41%            | 52%       | 39%           |

What, if anything, limits you and/or members of your household from participating in recreation opportunities? Please select all that apply.

| Barriers to Participation | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---------------------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Age/health issues         | 28%     | 19%    | 19%    | 28%    | 30%    | 28%    | 29%    | 25%    | 36%    | 23%    | 32%    | 30%            | 32%       | 23%           |
| Cost of programs          | 26%     | 18%    | 26%    | 22%    | 32%    | 33%    | 50%    | 26%    | 21%    | 32%    | 33%    | 24%            | 25%       | 33%           |
| Inconvenient times        | 24%     | 25%    | 28%    | 23%    | 24%    | 21%    | 64%    | 30%    | 21%    | 27%    | 26%    | 23%            | 21%       | 10%           |
| Lack of facilities        | 15%     | 30%    | 25%    | 17%    | 11%    | 9%     | 29%    | 13%    | 12%    | 27%    | 7%     | 11%            | 11%       | 20%           |
| Lack of interest          | 12%     | 4%     | 11%    | 8%     | 9%     | 12%    | 21%    | 10%    | 26%    | 5%     | 16%    | 13%            | 12%       | 7%            |
| Lack of time              | 22%     | 19%    | 25%    | 19%    | 20%    | 28%    | 21%    | 18%    | 31%    | 18%    | 22%    | 24%            | 22%       | 10%           |
| Lack of transportation    | 5%      | 4%     | 8%     | 1%     | 9%     | 8%     | 14%    | 7%     | 2%     | 9%     | 6%     | 3%             | 8%        | 10%           |
| Location of facilities    | 23%     | 43%    | 37%    | 24%    | 21%    | 10%    | 29%    | 21%    | 29%    | 46%    | 1%     | 17%            | 23%       | 43%           |
| Nothing                   | 22%     | 24%    | 16%    | 27%    | 17%    | 22%    | 0%     | 31%    | 12%    | 23%    | 23%    | 24%            | 21%       | 23%           |

What, if anything, can the Cowichan Valley Regional District and its partner municipalities do to increase your household's participation in recreation and leisure? Please select all that apply.

| Methods to Increase Participation   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Improve the promotion of existing opportunities (so that my household is more aware of what already exists) | 45%     | 41%    | 43%    | 40%    | 47%    | 39%    | 58%    | 45%    | 42%    | 20%    | 47%    | 48%            | 48%       | 50%           |
| Make facilities more inclusive/welcoming  | 14%     | 13%    | 14%    | 12%    | 19%    | 17%    | 42%    | 11%    | 3%     | 10%    | 24%    | 14%            | 16%       | 8%            |
| Offer a greater variety of opportunities  | 27%     | 25%    | 30%    | 23%    | 26%    | 31%    | 42%    | 23%    | 29%    | 15%    | 16%    | 30%            | 36%       | 31%           |
| Improve the quality of existing programs  | 13%     | 15%    | 15%    | 15%    | 15%    | 19%    | 17%    | 9%     | 13%    | 5%     | 18%    | 11%            | 11%       | 12%           |
| Provide more affordable opportunities   | 34%     | 33%    | 27%    | 32%    | 34%    | 40%    | 50%    | 26%    | 26%    | 20%    | 46%    | 34%            | 34%       | 62%           |
| Increase the convenience of program availability (i.e. closer to where I live, more convenient times, etc.) | 43%     | 65%    | 54%    | 42%    | 45%    | 33%    | 58%    | 49%    | 36%    | 50%    | 31%    | 37%            | 43%       | 54%           |

What are the three (3) best ways to get information to your household about recreation?

| Communication Methods                          | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Brochures and posters in recreation facilities | 27%     | 30%    | 24%    | 28%    | 26%    | 28%    | 29%    | 18%    | 18%    | 23%    | 29%    | 28%            | 31%       | 22%           |
| Community signs                                | 22%     | 21%    | 34%    | 17%    | 17%    | 21%    | 36%    | 29%    | 18%    | 23%    | 25%    | 19%            | 15%       | 56%           |
| Websites                                       | 49%     | 46%    | 41%    | 49%    | 46%    | 44%    | 57%    | 46%    | 55%    | 50%    | 46%    | 53%            | 46%       | 47%           |
| Local newspaper ads                            | 47%     | 48%    | 33%    | 50%    | 42%    | 55%    | 43%    | 48%    | 40%    | 50%    | 50%    | 54%            | 34%       | 25%           |
| Program guides                                 | 48%     | 52%    | 50%    | 51%    | 59%    | 45%    | 57%    | 33%    | 45%    | 64%    | 41%    | 43%            | 64%       | 38%           |
| Radio  | 8%      | 4%     | 7%     | 9%     | 8%     | 13%    | 0%     | 3%     | 3%     | 0%     | 7%     | 10%            | 5%        | 6%            |
| Social media                                   | 27%     | 18%    | 30%    | 15%    | 30%    | 28%    | 14%    | 21%    | 20%    | 27%    | 31%    | 31%            | 27%       | 47%           |
| Utility bill inserts                           | 18%     | 21%    | 20%    | 12%    | 15%    | 13%    | 21%    | 37%    | 23%    | 18%    | 16%    | 13%            | 41%       | 16%           |

What, if any, opportunities for increased regional collaboration in the delivery of recreation services should be further explored between the different jurisdictions (electoral areas and local governments) in the Cowichan region? Please select all that apply.

| Opportunities   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|---|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Increased cost sharing to enhance the operations or capacity of existing facilities (i.e. provide more programming, improve upkeep and maintenance, etc.) | 49%     | 46%    | 35%    | 41%    | 56%    | 68%    | 50%    | 36%    | 15%    | 30%    | 53%    | 58%            | 57%       | 45%           |
| Increased cost sharing to undertake major capital facility projects (new facilities or major enhancements/ additions to existing facilities)              | 40%     | 54%    | 49%    | 32%    | 42%    | 47%    | 33%    | 11%    | 15%    | 40%    | 39%    | 44%            | 37%       | 14%           |
| I do not believe that increased regional collaboration is needed  | 34%     | 25%    | 35%    | 43%    | 29%    | 18%    | 42%    | 60%    | 73%    | 50%    | 33%    | 27%            | 28%       | 48%           |

## Demographic Profile

| Demographics   | Overall | Area A | Area B | Area C | Area D | Area E | Area F | Area G | Area H | Area I | Duncan | North Cowichan | Ladysmith | Lake Cowichan |
|--|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------------|-----------|---------------|
| Do you own or rent your primary residence?   |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Own  | 94%     | 99%    | 99%    | 97%    | 96%    | 97%    | 100%   | 97%    | 100%   | 96%    | 72%    | 93%            | 92%       | 97%           |
| Rent   | 6%      | 1%     | 1%     | 3%     | 4%     | 3%     | 0%     | 3%     | 0%     | 4%     | 28%    | 7%             | 8%        | 3%            |
| How long have you lived in the Cowichan region?  |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Less than 5 years  | 21%     | 19%    | 18%    | 15%    | 24%    | 8%     | 14%    | 23%    | 12%    | 26%    | 24%    | 23%            | 33%       | 31%           |
| 5 to 10 years  | 15%     | 18%    | 19%    | 17%    | 21%    | 8%     | 21%    | 12%    | 19%    | 13%    | 18%    | 13%            | 17%       | 16%           |
| More than 10 years   | 64%     | 63%    | 64%    | 69%    | 55%    | 85%    | 64%    | 65%    | 69%    | 61%    | 58%    | 65%            | 50%       | 53%           |
| Do you expect to be residing in the Cowichan region for the next five years?                           |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Yes  | 95%     | 95%    | 98%    | 96%    | 94%    | 99%    | 100%   | 97%    | 93%    | 91%    | 94%    | 93%            | 94%       | 91%           |
| No   | 1%      | 1%     | 1%     | 1%     | 0%     | 0%     | 0%     | 0%     | 7%     | 0%     | 0%     | 1%             | 0%        | 0%            |
| Unsure   | 5%      | 4%     | 2%     | 3%     | 6%     | 1%     | 0%     | 3%     | 0%     | 9%     | 6%     | 6%             | 6%        | 9%            |
| Please describe your household by recording the number of members in each of the following age groups. |         |        |        |        |        |        |        |        |        |        |        |                |           |               |
| Age 0-4 Years  | 3%      | 1%     | 4%     | 3%     | 2%     | 4%     | 7%     | 5%     | 3%     | 0%     | 5%     | 3%             | 2%        | 1%            |
| Age 5-9 Years  | 4%      | 5%     | 6%     | 3%     | 6%     | 4%     | 10%    | 3%     | 5%     | 0%     | 2%     | 4%             | 6%        | 2%            |
| Age 10-19 Years  | 8%      | 6%     | 10%    | 6%     | 10%    | 10%    | 10%    | 2%     | 11%    | 2%     | 9%     | 7%             | 9%        | 8%            |
| Age 20-29 Years  | 5%      | 6%     | 7%     | 5%     | 5%     | 7%     | 5%     | 3%     | 2%     | 2%     | 7%     | 5%             | 3%        | 10%           |
| Age 30-39 Years  | 7%      | 6%     | 9%     | 3%     | 10%    | 9%     | 10%    | 7%     | 4%     | 0%     | 13%    | 7%             | 8%        | 5%            |
| Age 40-49 Years  | 8%      | 9%     | 13%    | 8%     | 9%     | 8%     | 2%     | 1%     | 10%    | 6%     | 8%     | 7%             | 12%       | 5%            |
| Age 50-59 Years  | 17%     | 20%    | 24%    | 17%    | 24%    | 16%    | 12%    | 22%    | 14%    | 19%    | 12%    | 15%            | 11%       | 17%           |
| Age 60-69 Years  | 29%     | 25%    | 15%    | 31%    | 22%    | 30%    | 37%    | 34%    | 26%    | 63%    | 16%    | 33%            | 27%       | 39%           |
| Age 70-79 Years  | 15%     | 19%    | 9%     | 17%    | 11%    | 12%    | 7%     | 18%    | 19%    | 8%     | 24%    | 15%            | 16%       | 6%            |
| Age 80+ Years  | 4%      | 4%     | 2%     | 7%     | 0%     | 1%     | 0%     | 5%     | 5%     | 0%     | 3%     | 4%             | 5%        | 6%            |





# COWICHAN VALLEY REGIONAL DISTRICT

Regional Recreation Planning

# Phase 2 Report

Final  
January 2018





# Table of Contents



|   |           |
|---|-----------|
| <b>1: Introduction and Deliverables</b> . . . . .   | <b>1</b>  |
| Introduction . . . . .  | 1         |
| Deliverables . . . . .  | 1         |
| <b>2: Methodology</b> . . . . .   | <b>2</b>  |
| Drop-in User Survey . . . . .   | 2         |
| Program Registration Database . . . . .   | 3         |
| User Group Membership Lists . . . . .   | 3         |
| <b>3: Cowichan Aquatic Centre</b> . . . . .   | <b>4</b>  |
| <b>4: Frank Jameson Community Centre</b> . . . . .  | <b>6</b>  |
| <b>5: Cowichan Lake Recreation</b> . . . . .  | <b>8</b>  |
| <b>6: Fuller Lake Arena</b> . . . . .   | <b>10</b> |
| <b>7: Kerry Park Recreation Centre</b> . . . . .  | <b>12</b> |
| <b>8: Island Savings Centre</b> . . . . .   | <b>14</b> |
| <b>9: Cowichan Sportsplex</b> . . . . .   | <b>16</b> |
| <b>10: Cowichan Performing Arts Centre</b> . . . . .  | <b>18</b> |
| <b>11: Shawnigan Lake Community Centre</b> . . . . .  | <b>20</b> |
| <b>12: Summary</b> . . . . .  | <b>22</b> |
| <b>Appendices</b> . . . . .   | <b>25</b> |
| <b>A: Details of User Survey</b> . . . . .  | <b>26</b> |
| <b>B: Financial Contributions to Regionally Significant Recreation Facilities</b> . . . . . | <b>29</b> |



## SECTION ONE

# Introduction and Deliverables

## Introduction

In May of 2017 the Cowichan Valley Regional District retained RC Strategies+PERC to undertake the first two phases of recreation planning work that would eventually lead to a regional recreation Master Plan. Phase Two of that work consisted of an independent analysis of the geographic residency of the users of specific public recreation facilities that are supported by CVRD taxpayers. The information was intended to be used in long range recreation planning. However, the information will also be useful to various facility managers who may use it to support management and marketing decisions.

RC Strategies+PERC has completed Phase Two of that assignment and is pleased to present the results in this final report. It is hoped that the information will be useful in its own right, and that the methodology will also be helpful in future attempts to repeat the analysis on a periodic basis.

## Deliverables

This final report is available as an electronic document suitable for printing as well as a searchable electronic database for more flexible future use.

The report includes:

- In percentage terms, a statistically reliable breakdown of users of regionally significant recreation facilities by area of residency, with a level of confidence averaging  $\pm 3\%$  nineteen times out of twenty which is higher than an industry standard level of reliability;
- The regionally significant facilities include two aquatic facilities, four ice arenas, Cowichan Sportsplex sports fields, five community centres, and the Cowichan Performing Arts Centre; and
- The areas of residency will include four incorporated municipalities and nine electoral areas all within the Cowichan Valley Regional District, as well as the percentage of users that come from local First Nations Reserves.



## SECTION TWO

# Methodology

The consultants were asked to analyze use at eight regionally significant recreation facilities. However, at the Island Savings Centre the Cowichan Performing Arts Centre was separated out from other uses. Therefore, there are a total of nine separate facility analyses in this report.

Typically, a recreation facility has three modes of use; namely:

- **Drop-in Uses:** Where a patron makes a decision on a use-by-use basis to use the facility, and often pays a user fee to use a facility during a public use session;
- **Program Uses:** Where a user typically pre-commits, through a registration process, to a series of uses, usually involving some form of instruction, and then attends for most or all of those programmed uses;
- **Rental Uses:** Where a group or individual rents a space or a portion of a space and then controls the uses and users of that rented space for the period of the rental.

Based on the three modes of use, three types of data were collected using three separate techniques.

## Drop-in User Survey

A variety of days of the week and times of day were chosen at each facility in consultation with the facility staff where there was space available for drop-in use. Researchers (i.e. students in the recreation and tourism program at Vancouver Island University) were assigned to each of the identified sessions. They set up a large sign that illustrated what they were doing (see Appendix A) and approached all parties as they exited the building, asking three questions:

1. How many members of the party used the facility (i.e. changed into a bathing suit, put on skates, used equipment in the associated fitness centre, or came to the site for a drop-in use of the dry floor spaces),
2. How many of those used the facility for drop-in use (i.e. a use that was not part of a registered program or group rental),
3. The detailed residential address of the users.



The researchers found that they were able to approach the vast majority of parties leaving the facility. They missed approaching about 5% of the parties during particularly busy periods, which equated to less than 2% of parties missed overall. The vast majority of parties that were approached agreed to answer all three questions. About 10% declined to participate, primarily due to lack of time.

The survey realized 2355 completed user questionnaires that had physical addresses that could be coded to one of the jurisdictions in the CVRD. There were more completions but some were out of the region or had addresses that could not be reconciled to a specific jurisdiction.

The list of sessions during which users were surveyed is included in [Appendix A](#).

There is no reason to indicate that the survey period during the fall of 2017 is atypical of users or uses during other months of that year. There is also no reason to assume that the year 2017 is atypical of recent years. Therefore, the consultants believe that this methodology, which solicits residency from a large sample of facility users from each facility, quite reliably represents all drop-in users at each site.

## Program Registration Database

The jurisdictions operating the facilities within this study have, until recently, utilized a sophisticated program registration system called CLASS. This system records and reports on all registrations and registrants including their detailed address. Therefore, this information is available in report form and can be sorted by facility and session. All programs for the full year from May 2016 to May 2017 were used in the analysis.

The resultant list of program registrations accounted for 133,197 user visits to all nine regionally significant recreation facilities.

## User Group Membership Lists

All significant user groups that rented the facilities were identified by the respective facility staff. Each group was requested to provide a list of all members along with the residential address for each member. This proved to be a somewhat more involved process than it was first thought, as many groups either did not have, or were in the process of updating their lists. Repeated attempts were made to solicit all significantly sized groups to the point where information was obtained from any groups that were of significant size. These lists were then consolidated by the consultant into a database that the CVRD staff were able to run through locational software that positioned each residential address within one of the thirteen political jurisdictions, a First Nations Reserve, or from outside the regional district. The coded database was then used by the consultants to prepare the tables in the following sections.

Overall, information was received from 72 user groups which collectively represented over 5,192 members of groups that rented space in indoor pools, arenas, community centres and sportfields. Those members had a combined total of 444,394 visits to all nine regionally significant recreation facilities.

So, in total, the database for all three categories of use of all nine regionally significant recreation facilities has 579,946 visits. However, it is worth noting that this database does not include uses by 3672 residents whose address was either out of the region or a post office box. The former were more likely to be visitors to the Cowichan Performing Arts Centre (1023 visitors). The latter were most likely to be program registrants at all facilities (1547) that used a mailing address that can't be coded to a specific jurisdiction instead of using a physical address at time of registration. The remainder were addresses that were non resident visitors to facilities other than the Cowichan Performing Arts Centre, or visitors whose address couldn't be coded to a specific jurisdiction.

Use of each of the nine facilities is now analyzed independently in the following sections.



SECTION THREE

Cowichan Aquatic Centre



Usage for the Cowichan Aquatic Centre is summarized in the next three figures. The raw data (representing uses) used to start the analysis is summarized in **Figure One**. The first row represents the actual number of drop-in swims recorded by the survey teams in the sample survey conducted in the fall of 2017. The second row represents the number of uses a resident of each jurisdiction made in the program category for a program based at Cowichan Aquatic Centre. The third row represents the number of member visits of all groups that rented space at Cowichan Aquatic Centre that reside in each of the jurisdictions.

**Figure One: Summary of Raw Usage Data at Cowichan Aquatic Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 16               | 67               | 43               | 15               | 50     | 46               | 3                | 28            | 1                | 10               | 1                | 16            | 4         | 273            | 573   |
| Program Registration | 378              | 828              | 546              | 360              | 629    | 461              | 78               | 64            | 21               | 0                | 83               | 113           | 52        | 4521           | 8134  |
| Group Rental         | 3272             | 6827             | 2795             | 3272             | 2790   | 4131             | 387              | 482           | 0                | 0                | 0                | 288           | 0         | 22120          | 46364 |



In order to use the raw data in Figure One, it is first turned into percentages. That is done in [Figure Two](#).

**Figure Two: Raw Usage Data for Cowichan Aquatic Centre Expressed in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 2.8              | 11.7             | 7.5              | 2.6              | 8.7    | 8.0              | .5               | 4.9           | .2               | 1.7              | .2               | 2.8           | .7        | 47.6           | 100   |
| Program Registration | 4.6              | 10.2             | 6.7              | 4.4              | 7.7    | 5.7              | 1.0              | 0.8           | 0.3              | 0.0              | 1.0              | 1.4           | .6        | 55.6           | 100   |
| Group Rental         | 7.1              | 14.7             | 6.0              | 7.1              | 6.0    | 8.9              | 0.8              | 1.0           | 0.0              | 0.0              | 0.0              | 0.6           | 0.0       | 47.7           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .6 to indicate that public drop-in uses make up 60% of total facility uses. The second row percentages are multiplied by .3 to indicate that programs represent another 30% of total facility uses. And, the third row percentages are multiplied by .1 to represent the fact that group rentals constitute only 10% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. [Figure Three](#) shows that final analysis. Only [Figure Three](#) can be used as a basis for determining the residency of uses of this facility.

**Figure Three: Proportion of All Cowichan Aquatic Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 1.7              | 7.0              | 4.5              | 1.6              | 5.2    | 4.8              | .3               | 2.9           | .1               | 1.0              | .1               | 1.7           | 0.4       | 28.6           | 60%   |
| Program Registration     | 1.4              | 3.1              | 2.0              | 1.3              | 2.3    | 1.7              | 0.3              | 0.2           | 0.1              | 0.0              | 0.3              | 0.4           | 0.2       | 16.7           | 30%   |
| Group Rental             | 0.7              | 1.5              | 0.6              | 0.7              | 0.6    | 0.9              | 0.1              | 0.1           | 0.0              | 0.0              | 0.0              | 0.1           | 0.0       | 4.8            | 10%   |
| Total Use                | 3.8%             | 11.6%            | 7.1%             | 3.6%             | 8.1%   | 7.4%             | 0.7%             | 3.2%          | 0.2%             | 1.0%             | 0.4%             | 2.2%          | 0.6%      | 50.1%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of [Figure Three](#) show, jurisdictions which have disproportionately significantly more use (i.e. percent of total use is higher than percent of the population) include Duncan, North Cowichan and Electoral Area E, while jurisdictions which show disproportionately less use include Electoral Areas F through I, First Nations and Ladysmith. Most of the residents of these latter areas have as much or more access to the Ladysmith pool than they do to the Cowichan Aquatic Centre.

It is clear that the use does not align completely with financial contribution. For example, Electoral Areas A through D contribute about 3% of the requisition required to fund this service whereas residents from these four areas constitute about 26% of the use. See [Appendix B](#) for details of financial contributions to facilities.

SECTION FOUR

Frank Jameson Community Centre



The Frank Jameson Community Centre raw data (representing uses) is used to start the analysis and is summarized in [Figure Four](#). The first row represents the actual number of drop-in swims recorded by the survey teams in the sample survey conducted in the fall of 2017. The second row represents the number of times a resident of each jurisdiction registered for a program based at the Frank Jameson pool, not the number of program uses. The third row represents the number of members of all groups that rented space at the Frank Jameson Pool and their residential jurisdictions.

**Figure Four: Summary of Raw Usage Data at Frank Jameson Community Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 4                | 8                | 0                | 6                | 0      | 0                | 0                | 6             | 21               | 67               | 0                | 0             | 349       | 18             | 479   |
| Program Registration | 0                | 120              | 5                | 10               | 37     | 0                | 0                | 36            | 979              | 1760             | 9                | 0             | 9322      | 1940           | 14218 |
| Group Rental         | 0                | 0                | 280              | 840              | 234    | 794              | 468              | 468           | 1354             | 280              | 234              | 1776          | 5094      | 7756           | 19578 |



In order to use the raw data in [Figure Four](#), it must first be turned into percentages. That is done in [Figure Five](#).

**Figure Five: Raw Usage Data for Frank Jameson Community Centre in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 0.8              | 1.7              | 0.0              | 1.3              | 0.0    | 0.0              | 0.0              | 1.3           | 4.4              | 14.0             | 0.0              | 0.0           | 72.9      | 3.8            | 100   |
| Program Registration | 0.0              | .8               | 0.0              | 0.1              | 0.3    | 0.0              | 0.0              | 0.3           | 6.9              | 12.4             | 0.1              | 0.0           | 65.6      | 13.6           | 100   |
| Group Rental         | 0.0              | 0.0              | 1.4              | 4.3              | 1.2    | 4.1              | 2.4              | 2.4           | 6.9              | 1.4              | 1.2              | 9.1           | 26.0      | 39.6           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .38 to indicate that public drop-in uses make up 38% of total facility uses. The second row percentages are multiplied by .48 to indicate that programs represent another 48% of total facility uses. And, the third row percentages are multiplied by .14 to represent the fact that group rentals constitute only 14% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. [Figure Six](#) shows that final analysis. Only [Figure Six](#) can be used as a basis for determining the residency of uses of this facility.

**Figure Six: Proportion of All Frank Jameson Community Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.3              | 0.6              | 0.0              | 0.5              | 0.0    | 0.0              | 0.0              | 0.5           | 1.7              | 5.3              | 0.0              | 0.0           | 27.5      | 1.4            | 38%   |
| Program Registration     | 0.0              | 0.4              | 0.0              | 0.0              | 0.1    | 0.0              | 0.0              | 0.1           | 3.3              | 6.0              | 0.0              | 0.0           | 31.5      | 6.5            | 48%   |
| Group Rental             | 0.0              | 0.0              | 0.2              | 0.6              | 0.2    | 0.6              | 0.3              | 0.3           | 1.0              | 0.2              | 0.2              | 1.3           | 3.6       | 5.5            | 14%   |
| Total Use                | 0.3%             | 1.0%             | 0.2%             | 1.1%             | 0.3%   | 0.6%             | 0.3%             | 0.9%          | 6.0%             | 11.5%            | 0.2%             | 1.3%          | 62.6%     | 13.4%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of [Figure Six](#) show, the Town of Ladysmith is by far the most likely jurisdiction to use the community centre. Elected Areas G and H are also proportionately more likely to use the facility. All other jurisdictions show total use which is less than the proportionate share of the population.

Electoral Areas G and H contribute about 9% of the total public financial support whereas they collectively make up about 17.5% of the use. North Cowichan residents make up over 13% of its use without contributing anything to the facility. Ladysmith makes up about 91% of the total tax contribution for the facility while its residents constitute about 63% of its total use.

SECTION FIVE

Cowichan Lake Recreation



Cowichan Lake Recreation has three minor hockey associations using its arena in addition to other group rentals. It also has significant program uses and drop-in uses and uses of other spaces. The Cowichan Recreation summary of raw usage data is summarized in [Figure Seven](#).

**Figure Seven: Summary of Raw Usage Data for Cowichan Lake Recreation**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 0                | 3                | 0                | 0                | 0      | 7                | 22               | 0             | 0                | 0                | 21               | 111           | 0         | 16             | 180   |
| Program Registration | 601              | 63               | 30               | 52               | 370    | 122              | 2595             | 2             | 30               | 0                | 8505             | 8103          | 117       | 534            | 21124 |
| Group Rental         | 308              | 385              | 364              | 60               | 592    | 282              | 26               | 381           | 68               | 19               | 8                | 130           | 213       | 3369           | 6205  |



In order to use the raw data in [Figure Seven](#), it is first turned into percentages. That is done in [Figure Eight](#).

**Figure Eight: Raw Usage Data for Cowichan Lake Recreation in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 0.0              | 1.7              | 0.0              | 0.0              | 0.0    | 3.9              | 12.2             | 0.0           | 0.0              | 0.0              | 11.7             | 61.7          | 0.0       | 8.9            | 100   |
| Program Registration | 2.8              | 0.3              | 0.1              | 0.2              | 1.8    | 0.6              | 12.3             | 0.0           | 0.1              | 0.0              | 40.3             | 38.4          | 0.6       | 2.5            | 100   |
| Group Rental         | 5.0              | 6.2              | 5.9              | 1.0              | 9.5    | 4.5              | 0.4              | 6.1           | 1.1              | 0.3              | 0.1              | 2.1           | 3.4       | 54.3           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the staff at the facility report that drop-in use equates to about 11% of total use, program uses of the facility make up a further 27% of total annual use and rentals make up 62% of all uses. Therefore, the first row percentages are multiplied by .11 to indicate that public drop-in uses make up 11% of total facility uses. The second row percentages are multiplied by .27 to indicate that programs represent another 27% of total facility uses. And, the third row percentages are multiplied by .62 to represent the fact that group rentals constitute only 62% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. [Figure Nine](#) shows that final analysis. Only [Figure Nine](#) can be used as a basis for determining the residency of uses of this facility.

**Figure Nine: Proportion of All Cowichan Lake Recreation Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.0              | 0.2              | 0.0              | 0.0              | 0.0    | 0.4              | 1.3              | 0.0           | 0.0              | 0.0              | 1.3              | 6.8           | 0.0       | 1.0            | 11%   |
| Program Registration     | 0.8              | 0.1              | 0.0              | 0.1              | 0.5    | 0.2              | 3.3              | 0.0           | 0.0              | 0.0              | 10.9             | 10.4          | 0.2       | 0.7            | 27%   |
| Group Rental             | 3.1              | 3.8              | 3.7              | 0.6              | 5.9    | 2.8              | 0.2              | 3.8           | 0.7              | 0.2              | 0.1              | 1.3           | 2.1       | 33.7           | 62%   |
| Total Use                | 3.9%             | 4.1%             | 3.7%             | 0.7%             | 6.4%   | 3.4%             | 4.8%             | 3.8%          | 0.7%             | 0.2%             | 12.3%            | 18.5%         | 2.3%      | 35.4%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of [Figure Nine](#) show, residents of Electoral Areas B, C, D, G and H, and of Ladysmith, are proportionately less likely to use the Cowichan Lake Recreation than residents of other jurisdictions and residents of Electoral Areas F and I and of Lake Cowichan are proportionately more likely to use the facility.

It is interesting to note that while taxpayers in Electoral Areas F and I and Lake Cowichan pay for 100% of the service, they collectively make up only about one third of the user base.

SECTION SIX

Fuller Lake Arena



At Fuller Lake Arena there is a great deal of rental use. But there is also some drop-in use and a few programs. [Figure Ten](#) summarizes all the raw data collected for this facility.

**Figure Ten: Summary of Raw Usage Data for Fuller Lake Arena**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 0                | 0                | 0                | 0                | 1      | 5                | 0                | 4             | 24               | 1                | 0                | 0             | 64        | 93             | 192   |
| Program Registration | 0                | 0                | 0                | 0                | 29     | 2                | 24               | 26            | 8                | 8                | 0                | 0             | 129       | 449            | 675   |
| Group Rental         | 75               | 419              | 194              | 801              | 788    | 3472             | 444              | 125           | 757              | 300              | 125              | 950           | 5060      | 17578          | 31088 |

In order to use the raw data in [Figure Ten](#), it is first turned into percentages. That is done in [Figure Eleven](#).

**Figure Eleven: Raw Usage Data for Fuller Lake Arena in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 0.0              | 0.0              | 0.0              | 0.0              | 0.5    | 2.6              | 0.0              | 2.1           | 12.5             | 0.5              | 0.0              | 0.0           | 33.4      | 48.4           | 100   |
| Program Registration | 0.0              | 0.0              | 0.0              | 0.0              | 4.3    | 0.3              | 3.6              | 3.9           | 1.2              | 1.2              | 0.0              | 0.0           | 19.1      | 66.5           | 100   |
| Group Rental         | 0.2              | 1.3              | 0.6              | 2.6              | 2.5    | 11.2             | 1.4              | 0.4           | 2.4              | 1.0              | 0.4              | 3.1           | 16.3      | 56.5           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .15 to indicate that public drop-in uses make up 15% of total facility uses. The second row percentages are multiplied by .05 to indicate that programs represent another 5% of total facility uses. And, the third row percentages are multiplied by .8 to represent the fact that group rentals constitute only 80% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Twelve** shows that final analysis. Only **Figure Twelve** can be used as a basis for determining the residency of uses of this facility.

**Figure Twelve: Proportion of All Fuller Lake Arena Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.0              | 0.0              | 0.0              | 0.0              | 0.1    | 0.4              | 0.0              | 0.3           | 1.9              | 0.1              | 0.0              | 0.0           | 5.0       | 7.3            | 15%   |
| Program Registration     | 0.0              | 0.0              | 0.0              | 0.0              | 0.2    | 0.0              | 0.2              | 0.0           | 0.1              | 0.1              | 0.0              | 0.0           | 1.0       | 3.3            | 5%    |
| Group Rental             | 0.2              | 1.0              | 0.5              | 2.1              | 2.0    | 9.0              | 1.1              | 0.0           | 1.9              | 0.8              | 0.3              | 2.5           | 13.0      | 45.2           | 80%   |
| Total Use                | 0.2%             | 1.0%             | 0.5%             | 2.1%             | 2.3%   | 9.4%             | 1.3%             | 0.3%          | 3.9%             | 1.0%             | 0.3%             | 2.5%          | 19.0%     | 55.8%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Twelve** show, jurisdictions like Electoral Areas A through D as well as Duncan and First Nations, are proportionately less likely to use the Fuller Lake Arena. However, residents of jurisdictions like North Cowichan, Ladysmith and Electoral Areas E and G are proportionately more likely to use this facility.

It is also interesting to note that North Cowichan pays all of the costs of this facility but enjoys less than 56% of its use.



SECTION SEVEN

Kerry Park Recreation Centre



The Kerry Park Recreation Centre is used by only one minor hockey association. So, the analysis of its use is reasonably straightforward. The raw data summarizing the uses are included in [Figure Thirteen](#).

**Figure Thirteen: Summary of Raw Usage Data for Kerry Park Recreation Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 46               | 99               | 18               | 19               | 5      | 2                | 0                | 0             | 0                | 0                | 0                | 0             | 0         | 14             | 203   |
| Program Registration | 3889             | 8181             | 3009             | 1785             | 78     | 550              | 11               | 35            | 0                | 0                | 5                | 33            | 27        | 870            | 18473 |
| Group Rental         | 9704             | 16392            | 9032             | 5399             | 1146   | 1777             | 188              | 1158          | 24               | 84               | 148              | 100           | 216       | 9969           | 55337 |

In order to use the raw data in [Figure Thirteen](#), it is first turned into percentages. That is done in [Figure Fourteen](#).

**Figure Fourteen: Raw Usage Data for Kerry Park Recreation Centre in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 22.7             | 48.8             | 8.9              | 9.4              | 2.5    | 1.0              | 0.0              | 0.0           | 0.0              | 0.0              | 0.0              | 0.0           | 0.0       | 6.9            | 100   |
| Program Registration | 21.1             | 44.3             | 16.3             | 9.7              | 0.4    | 3.0              | 0.1              | 0.2           | 0.0              | 0.0              | 0.0              | 0.2           | 0.1       | 4.7            | 100   |
| Group Rental         | 17.5             | 29.6             | 16.3             | 9.8              | 2.1    | 3.2              | 0.3              | 2.1           | 0.0              | 0.2              | 0.3              | 0.2           | 0.4       | 18.0           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .15 to indicate that public drop-in uses make up 15% of total facility uses. The second row percentages are multiplied by .11 to indicate that programs represent another 11% of total facility uses. And, the third row percentages are multiplied by .74 to represent the fact that group rentals constitute 74% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Fifteen** shows that final analysis. Only **Figure Fifteen** can be used as a basis for determining the residency of uses of this facility.

**Figure Fifteen: Proportion of All Kerry Park Recreation Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 3.4              | 7.3              | 1.3              | 1.4              | 0.4    | 0.2              | 0.0              | 0.0           | 0.0              | 0.0              | 0.0              | 0.0           | 0.0       | 1.0            | 15%   |
| Program Registration     | 2.3              | 4.9              | 1.8              | 1.1              | 0.0    | 0.3              | 0.0              | 0.0           | 0.0              | 0.0              | 0.0              | 0.0           | 0.0       | 0.5            | 11%   |
| Group Rental             | 13.2             | 21.9             | 12.1             | 7.3              | 1.6    | 2.4              | 0.2              | 1.6           | 0.0              | 0.1              | 0.2              | 0.1           | 0.3       | 13.3           | 74%   |
| Total Use                | 18.9%            | 34.1%            | 15.2%            | 9.8%             | 2.0%   | 2.9%             | 0.2%             | 1.6%          | 0.0%             | 0.1%             | 0.2%             | 0.1%          | 0.3%      | 14.8%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Fifteen** show, the Kerry Park Recreation Centre is largely used by residents closest to it. The four closest Electoral Areas (i.e. A through D) are proportionately much more likely to use the facility than other residents. Residents of North Cowichan are the only other significant users.

The taxpayers in Electoral Areas A through D pay for all of the costs of the Kerry Park Recreation Centre but make up only about 78% of its use.



SECTION EIGHT

Island Savings Centre



Use of the Island Savings Centre is also quite straightforward. It includes a significant amount of drop-in use (primarily at Junior Hockey games) as well as lots of program uses and a majority of rental use. The Raw Usage Data is summarized in [Figure Sixteen](#).

**Figure Sixteen: Summary of Raw Usage Data for Island Savings Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total  |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|--------|
| User Survey          | 4                | 18               | 3                | 11               | 17     | 14               | 2                | 0             | 0                | 0                | 3                | 0             | 1         | 108            | 181    |
| Program Registration | 600              | 1026             | 704              | 1139             | 777    | 918              | 115              | 201           | 62               | 6                | 69               | 117           | 224       | 6799           | 12757  |
| Group Rental         | 9845             | 14138            | 9596             | 7998             | 9207   | 11669            | 1236             | 1922          | 376              | 140              | 400              | 1056          | 2208      | 54934          | 124725 |

In order to use the raw data in [Figure Sixteen](#), it is first turned into percentages. That is done in [Figure Seventeen](#).

**Figure Seventeen: Raw Usage Data for Island Savings Centre in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 2.2              | 9.9              | 1.7              | 6.1              | 9.4    | 7.7              | 1.1              | 0.0           | 0.0              | 0.0              | 1.7              | 0.0           | 0.6       | 59.7           | 100   |
| Program Registration | 4.7              | 8.0              | 5.5              | 8.9              | 6.1    | 7.2              | 0.9              | 1.6           | 0.5              | 0.0              | 0.5              | 0.9           | 1.8       | 53.3           | 100   |
| Group Rental         | 7.9              | 11.3             | 7.7              | 6.4              | 7.4    | 9.4              | 1.0              | 1.5           | 0.3              | 0.1              | 0.3              | 0.8           | 1.8       | 44.0           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

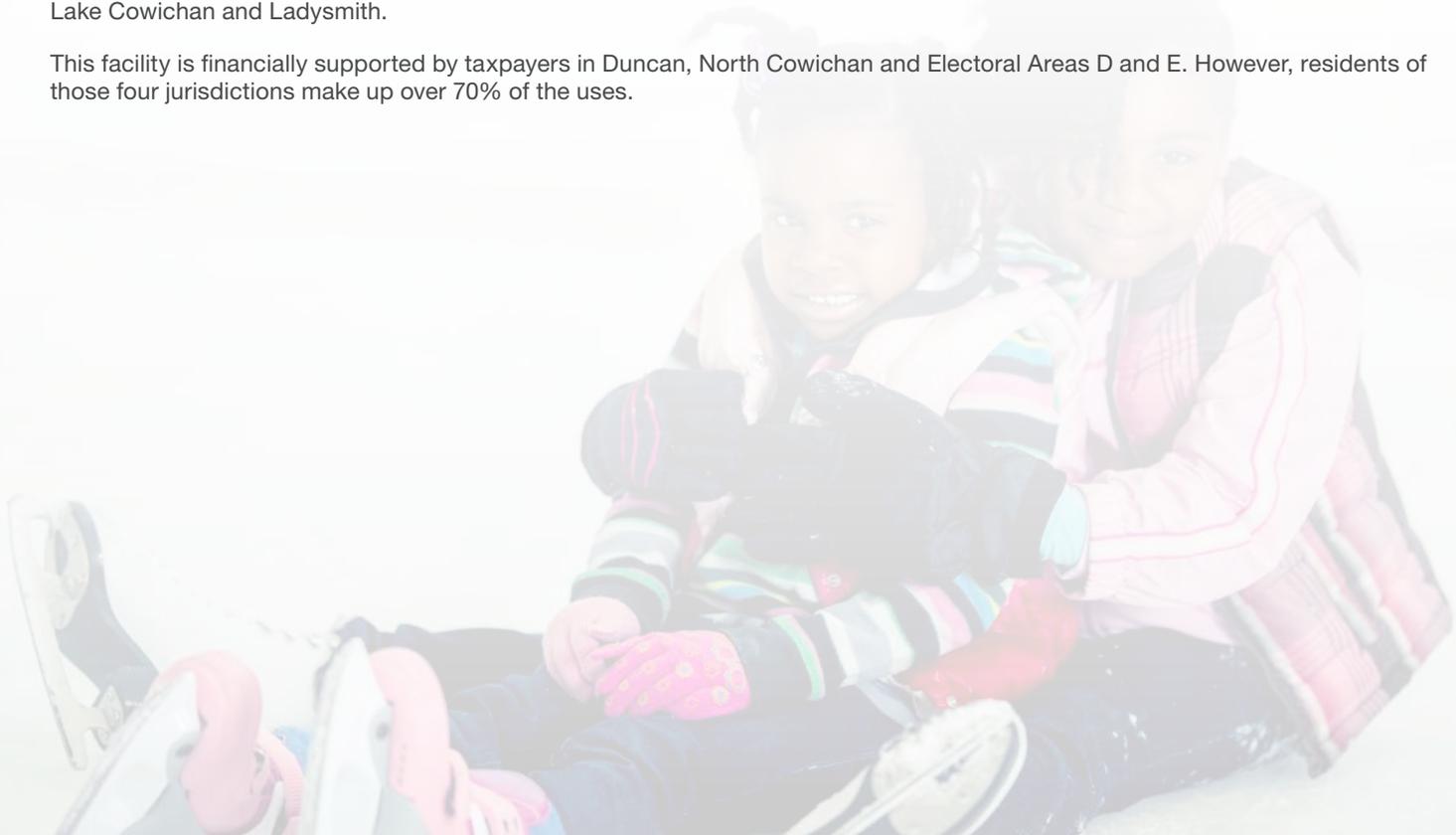
In this case, the percentage breakdowns for the first row are multiplied by .1 to indicate that public drop-in uses make up 10% of total facility uses. The second row percentages are multiplied by .32 to indicate that programs represent another 32% of total facility uses. And, the third row percentages are multiplied by .58 to represent the fact that group rentals constitute 58% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Eighteen** shows that final analysis. Only **Figure Eighteen** can be used as a basis for determining the residency of uses of this facility.

**Figure Eighteen: Proportion of All Island Savings Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.2              | 1.0              | 0.2              | 0.6              | 0.9    | 0.8              | 0.1              | .00           | 0.0              | 0                | 0.2              | 0.0           | 0.1       | 6.0            | 10%   |
| Program Registration     | 1.5              | 2.6              | 1.8              | 2.8              | 2.0    | 2.3              | 0.3              | 0.5           | 0.2              | 0.0              | 0.2              | 0.3           | 0.6       | 17.1           | 32%   |
| Group Rental             | 4.6              | 6.6              | 4.5              | 3.7              | 4.3    | 5.5              | 0.6              | 0.9           | 0.2              | 0.1              | 0.2              | 0.5           | 1.0       | 25.5           | 58%   |
| Total Use                | 6.3%             | 10.2%            | 6.5%             | 7.1%             | 7.2%   | 8.6%             | 1.0%             | 1.4%          | 0.4%             | 0.1%             | 0.6%             | 0.8%          | 1.7%      | 48.6%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Eighteen** show, residents of some jurisdictions are more likely to use the Island Savings Centre than others. Those that are proportionately most likely to use it include Electoral Areas D and E and residents of North Cowichan and Duncan. Those that are proportionately least likely to use it include Electoral Areas G, H and I, first nations residents and residents of Lake Cowichan and Ladysmith.

This facility is financially supported by taxpayers in Duncan, North Cowichan and Electoral Areas D and E. However, residents of those four jurisdictions make up over 70% of the uses.



SECTION NINE

Cowichan Sportsplex



The Cowichan Sportsplex is operated by a not for profit society with the majority of the fields allocated to groups. There is non-scheduled, general public access to the running track, fields, fitness circuit and amenities when not rented and therefore a drop-in survey was conducted for this facility. The drop-in use is affected by both special events and the weather and therefore drop-in use varies significantly from day to day. In addition, fields are closed during periods of inclement weather including frost, snow, or significant rain resulting in either unsafe conditions or damage to the fields. The vast majority of use at the Cowichan Sportsplex is by group rentals, estimated at 90% of overall use with 10% being drop-in use. [Figure Nineteen](#) presents the raw user data from the survey and the membership list provided by the rental groups.

**Figure Nineteen: Summary of Raw Usage Data for Cowichan Sportsplex**

| Category of Use | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total  |
|-----------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|--------|
| User Survey     | 14               | 36               | 5                | 14               | 52     | 24               | 2                | 11            | 0                | 0                | 2                | 4             | 5         | 258            | 427    |
| Group Rental    | 8328             | 11888            | 6443             | 6751             | 5586   | 12141            | 2040             | 6934          | 1698             | 1551             | 1746             | 6881          | 10463     | 74833          | 157283 |

In order to use the raw data in [Figure Nineteen](#), it is first turned into percentages. That is done in [Figure Twenty](#).

**Figure Twenty: Raw Usage Data for Cowichan Sportsplex in Percentage Terms**

| Category of Use | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|-----------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey     | 3.3              | 8.4              | 1.2              | 3.3              | 12.2   | 5.6              | 0.5              | 2.6           | 0.0              | 0.0              | 0.5              | 0.9           | 1.2       | 60.4           | 100   |
| Group Rental    | 5.3              | 7.6              | 4.1              | 4.3              | 3.6    | 7.7              | 1.3              | 4.4           | 1.1              | 1.0              | 1.1              | 4.4           | 6.7       | 47.6           | 100   |

But the raw percentages are not usable as the first row represents only a sample of drop-in uses and the second row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

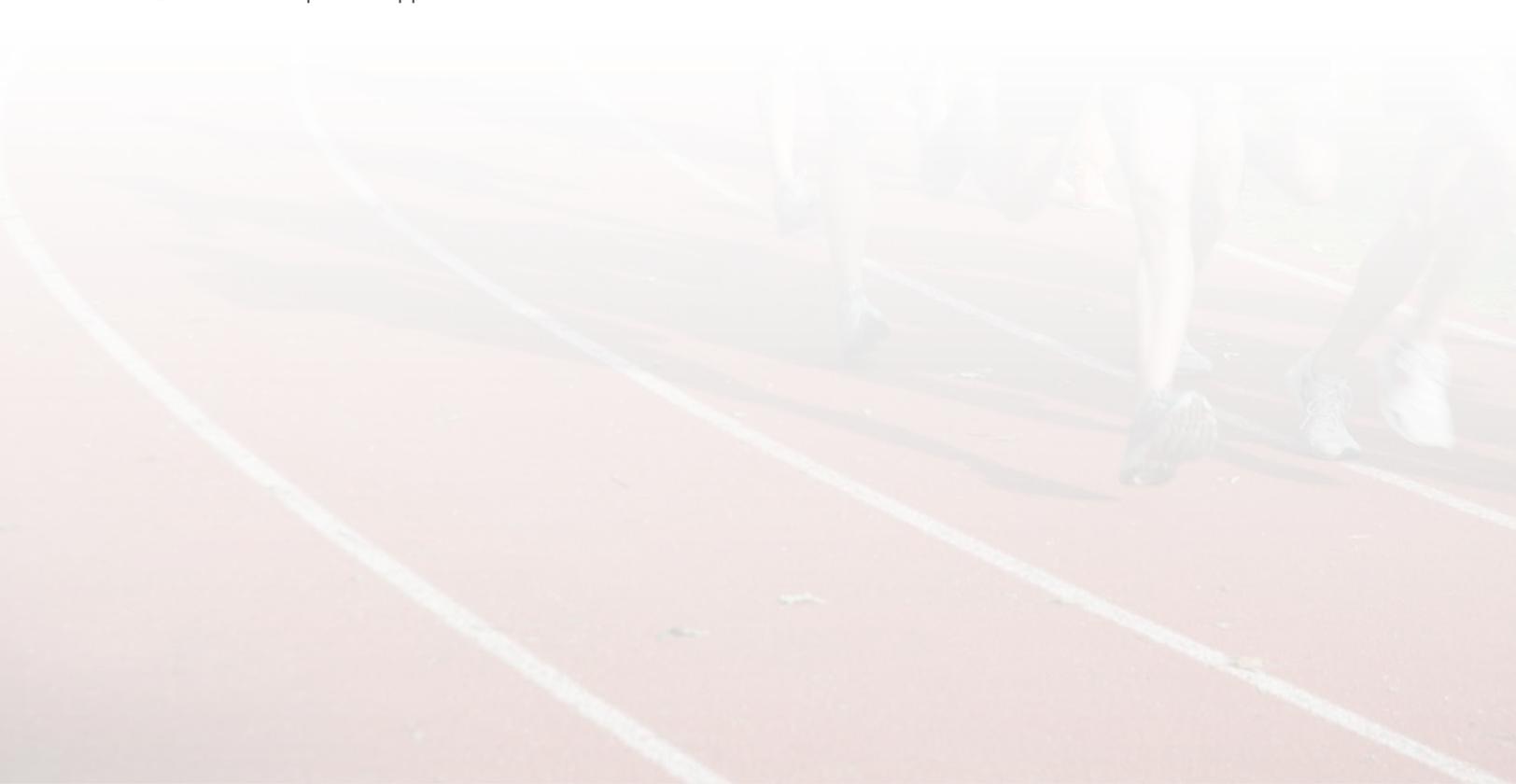
In this case, the percentage breakdowns for the first row are multiplied by .1 to indicate that public drop-in uses make up 10% of total facility uses. The second row percentages are multiplied by .9 to indicate that group rentals constitute fully 90% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Twenty-One** shows that final analysis. Only **Figure Twenty-One** can be used as a basis for determining the residency of uses of this facility.

**Figure Twenty-One: Proportion of All Cowichan Sportsplex Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.3              | 0.8              | 0.1              | 0.3              | 1.2    | 0.6              | 0.1              | 0.3           | 0.0              | 0.0              | 0.1              | 0.1           | 0.1       | 6.0            | 10%   |
| Group Rental             | 4.8              | 6.8              | 3.7              | 3.9              | 3.2    | 6.9              | 1.2              | 4.0           | 1.0              | 0.9              | 1.0              | 4.0           | 6.0       | 42.8           | 90%   |
| Total Use                | 5.1%             | 7.6%             | 3.8%             | 4.2%             | 4.4%   | 7.5%             | 1.3%             | 4.3%          | 1.0%             | 0.9%             | 1.1%             | 4.1%          | 6.1%      | 48.8%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Twenty-One** show, the jurisdictions that are proportionately most likely to use the Sportsplex are Electoral Area E and North Cowichan. Those that are proportionately least likely to use the site are residents of Electoral Areas B, C, G and H and residents of Duncan and Ladysmith.

It is worth noting that North Cowichan and Duncan residents account for about 53% of the use of the site but pay about 79% of the costs directly (and more, indirectly). However, residents of Electoral Areas A through E account for about 28% of the use and pay about 21% of the net public support.



SECTION TEN

# Cowichan Performing Arts Centre



The vast majority of use for the Cowichan Performing Arts Centre is through programs (i.e. advance ticket sales) of which the theatre has a record of the addresses and number of times participants attended the theatre. This data is accurate and reliable. The rental use is quite insignificant in terms of the overall operation. The small amount of spur of the moment ticket sales at the door (about 10% of the total) was estimated through the on site survey process. The consultants are confident that the proportionate use represented by [Figure Twenty-Four](#) is representative of the user residency profile of CVRD users. As noted earlier, a significant portion of Theatre use comes from residents outside the CVRD.

[Figure Twenty-Two](#) presents the raw user data from the membership lists (program uses) and the survey data (drop-in uses).

**Figure Twenty-Two: Summary of Raw Usage Data for Cowichan Performing Arts Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 11               | 2                | 10               | 4                | 7      | 6                | 2                | 0             | 0                | 0                | 0                | 1             | 3         | 74             | 120   |
| Program Registration | 283              | 425              | 394              | 350              | 438    | 439              | 65               | 118           | 81               | 37               | 52               | 45            | 172       | 2546           | 5445  |

In order to use the raw data in [Figure Twenty-Two](#), it is first turned into percentages. That is done in [Figure Twenty-Three](#).

**Figure Twenty-Three: Raw Usage Data for Cowichan Performing Arts Centre in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey          | 9.2              | 1.7              | 8.3              | 3.3              | 5.8    | 5.0              | 1.7              | 0.0           | 0.0              | 0.0              | 0.0              | 0.8           | 2.5       | 61.7           | 100   |
| Program Registration | 5.2              | 7.8              | 7.2              | 6.4              | 8.0    | 8.1              | 1.2              | 2.2           | 1.5              | 0.7              | 1.0              | 0.8           | 3.2       | 46.8           | 100   |

But the raw percentages are not usable as the first row represents only a sample of drop-in uses and the second row represents all program registration uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .1 to indicate that public drop-in uses make up 10% of total facility uses. The second row percentages are multiplied by .9 to indicate that programs represent another 90% of total facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Twenty-Four** shows that final analysis. Only **Figure Twenty-Four** can be used as a basis for determining the residency of uses of this facility.

**Figure Twenty-Four: Proportion of All Cowichan Performing Arts Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| User Survey              | 0.9              | 0.2              | 0.8              | 0.3              | 0.6    | 0.5              | 0.2              | 0.0           | 0.0              | 0.0              | 0.0              | 0.1           | 0.3       | 6.2            | 10%   |
| Program Registration     | 4.7              | 7.0              | 6.5              | 5.8              | 7.2    | 7.3              | 1.1              | 2.0           | 1.4              | 0.6              | 0.9              | 0.7           | 2.9       | 42.1           | 90%   |
| Total Use                | 5.6%             | 7.2%             | 7.3%             | 6.1%             | 7.8%   | 7.8%             | 1.3%             | 2.0%          | 1.4%             | 0.6%             | 0.9%             | 0.8%          | 3.2%      | 48.3%          | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Twenty-Four** show, those jurisdictions which are proportionately most likely to use the performing arts centre include Electoral Areas D and E and the municipalities of Duncan and North Cowichan. Those that are proportionately least likely to use the theatre are Electoral Areas B and H, residents of Ladysmith and First Nations.

This facility is somewhat unique among the nine regionally significant facilities in the CVRD in that it is broadly funded by jurisdictions that make up the vast majority of use. However, even here, it is interesting to note that residents from Electoral Areas F through I and Lake Cowichan and local First Nations residents constitute about 7% of total use without contributing anything to the operating cost.



SECTION ELEVEN

# Shawnigan Lake Community Centre



Figure Twenty-Five presents the Shawnigan Lake Community Centre raw user data from the program and the membership lists. As there was deemed to be minimal drop-in use, there was no exit survey of users to attempt to measure it.

**Figure Twenty-Five: Summary of Raw Usage Data for Shawnigan Lake Community Centre**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| Program Registration | 4114             | 44863            | 1678             | 633              | 488    | 235              | 31               | 18            | 12               | 0                | 1                | 0             | 5         | 293            | 52371 |
| Group Rental         | 410              | 141              | 166              | 301              | 326    | 106              | 0                | 311           | 157              | 0                | 53               | 40            | 0         | 1803           | 3814  |

In order to use the raw data in Figure Twenty-Five, it is first turned into percentages. That is done in Figure Twenty-Six.

**Figure Twenty-Six: Raw Usage Data for Shawnigan Lake Community Centre in Percentage Terms**

| Category of Use      | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|----------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| Program Registration | 7.9              | 85.7             | 3.2              | 1.2              | 0.9    | 0.4              | 0.1              | 0.0           | 0.0              | 0.0              | 0.0              | 0.0           | 0.0       | 0.6            | 100   |
| Group Rental         | 10.7             | 3.7              | 4.4              | 7.9              | 8.5    | 2.8              | 0.0              | 8.2           | 4.1              | 0.0              | 1.4              | 1.0           | 0.0       | 47.3           | 100   |

But the raw percentages are not usable as the first row represents only a sample of uses, the second row represents all program registration uses, and the third row represents all member uses. To properly determine how these percentages relate to total uses of the facility, they are multiplied by the proportion of use that each category of use makes up of the total annual facility uses.

In this case, the percentage breakdowns for the first row are multiplied by .85 to indicate that programs represent 85% of total facility uses. And, the second row percentages are multiplied by .15 to represent the fact that group rentals constitute only 15% of all annual facility uses. The resultant proportions represent the correct “weight” of each row, and therefore, can then be added to equal 100% of uses that are derived from each of the areas of residency. **Figure Twenty-Seven** shows that final analysis. Only **Figure Twenty-Seven** can be used as a basis for determining the residency of uses of this facility.

**Figure Twenty-Seven: Proportion of All Shawnigan Lake Community Centre Uses from Each Jurisdiction**

| Category of Use          | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| Program Registration     | 6.7              | 72.8             | 2.7              | 1.0              | 0.8    | 0.3              | 0.1              | 0.0           | 0.0              | 0.0              | 0.0              | 0.0           | 0.0       | 0.5            | 85%   |
| Group Rental             | 1.6              | 0.6              | 0.7              | 1.2              | 1.3    | 0.4              | 0.0              | 1.2           | 0.6              | 0.0              | 0.2              | 0.2           | 0.0       | 7.1            | 15%   |
| Total Use                | 8.3%             | 73.4%            | 3.4%             | 2.2%             | 2.1%   | 0.7%             | 0.1%             | 1.2%          | 0.6%             | 0.0%             | 0.2%             | 0.2%          | 0.0%      | 7.6%           | 100%  |
| Proportion of Population | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |

As the last two rows of **Figure Twenty-Seven** show, use of the Shawnigan Lake Community Centre is focused in the immediately area with the four Electoral Areas closest (A through D) to it comprising 87% of total annual use. All other jurisdictions are proportionately much less likely to use it.

Electoral Area B finances 100% of the cost of the Shawnigan Lake Community Centre, and comprises the vast majority of its use. However, residents of Electoral Areas A and C and North Cowichan make up almost 20% of the use without paying anything toward the facility.



## SECTION TWELVE

# Summary

Based on the analysis above, the consultants are able to draw a number of conclusions.

1. The methodology used for this project is sufficiently valid and reliable to be used to apportion net use of all recreation spaces within the CVRD. While no data is perfect, the consultants assert that the information available and its analysis renders results which are more reliable and valid than industry standard levels of confidence. Industry standard level of confidence in survey data is plus or minus 5% nineteen times out of twenty. For this study, the combination of data sources with different levels of reliability are complicated to combine into a cohesive confidence level. However, the overall result is almost certainly better than 5% nineteen times out of twenty, and is likely in the range of about 3%.
2. This means that if the methodology were repeated, use by area of residency would have to shift by more than 3% for it to be reliably picked up (nineteen times out of twenty) by the process.
3. However, to put that into perspective, if an Electoral Area currently registers 6% of use of a specific recreation facility in one of the figures in this report, use by that Electoral Area would have to change by +/- 3% overall (from 3% to 9%) for the change to be relied on as statistically significant. In other words, in this example, use from one Electoral Area might have to increase by 50% from 6% to 9% for the increase to be considered to be statistically significant. This is always the problem with small percentages in these situations. Even quite accurate data doesn't easily pick up changes in very small percentages.
4. The methodology used for this project could be used to analyze alternative funding models for financing major recreation facilities within the CVRD.
5. For it to be repeated more cost effectively, it would be prudent to insert a "physical address" field into all program registration software used in future so that addresses can be more easily assigned to a geopolitical jurisdiction. Also, for a group to rent any amount of recreation space more than a single use, it should be required to submit the physical addresses of the users of that space.



It is clear from the data in this report that:

- Community Centre type spaces exist in each of the five subregions so there is no incentive for any significant amount of travel away from the local community centre to use one in an adjacent area. Use of these spaces is predominantly by the residents closest to them.
- However, as soon as an arena ice sheet is added, the user base shifts. Ice user groups don't necessarily use the closest ice surface exclusively. In fact, they are more likely to make use of a variety of ice surfaces in the region, and to use ice wherever it is available.
- Also, as soon as an indoor pool is added to a complex (or provided independently of one) it draws from a larger geographic area. However, most residents of CVRD that use a pool, use the one that is closest to them.
- The Cowichan Performing Arts Centre is the most "regional" of the nine facilities investigated in this study. Use of this facility is distributed roughly proportionate to the population distribution, with few exceptions.
- Most facilities in this study show significant inequity between who uses them and who pays for them. Those jurisdictions that spearheaded and developed facilities are more likely to contribute percentages in excess of the amount they are used. Those jurisdictions that don't have a full range of facilities are most likely to benefit from use more than they contribute in taxes. However, this should not be construed to indicate that such jurisdictions need to build more facilities. It is more likely to indicate that they should increase contributions to neighbouring jurisdictions which do have the spaces.

The data in this report is summarized in the [Figure Twenty-Eight](#).

**Figure Twenty-Eight: Summary of the Areas of Residency of Users of All Nine of the Regionally Significant Facilities With Comparisons to Population, Taxable Assessment and Total Proportion Currently Paid**

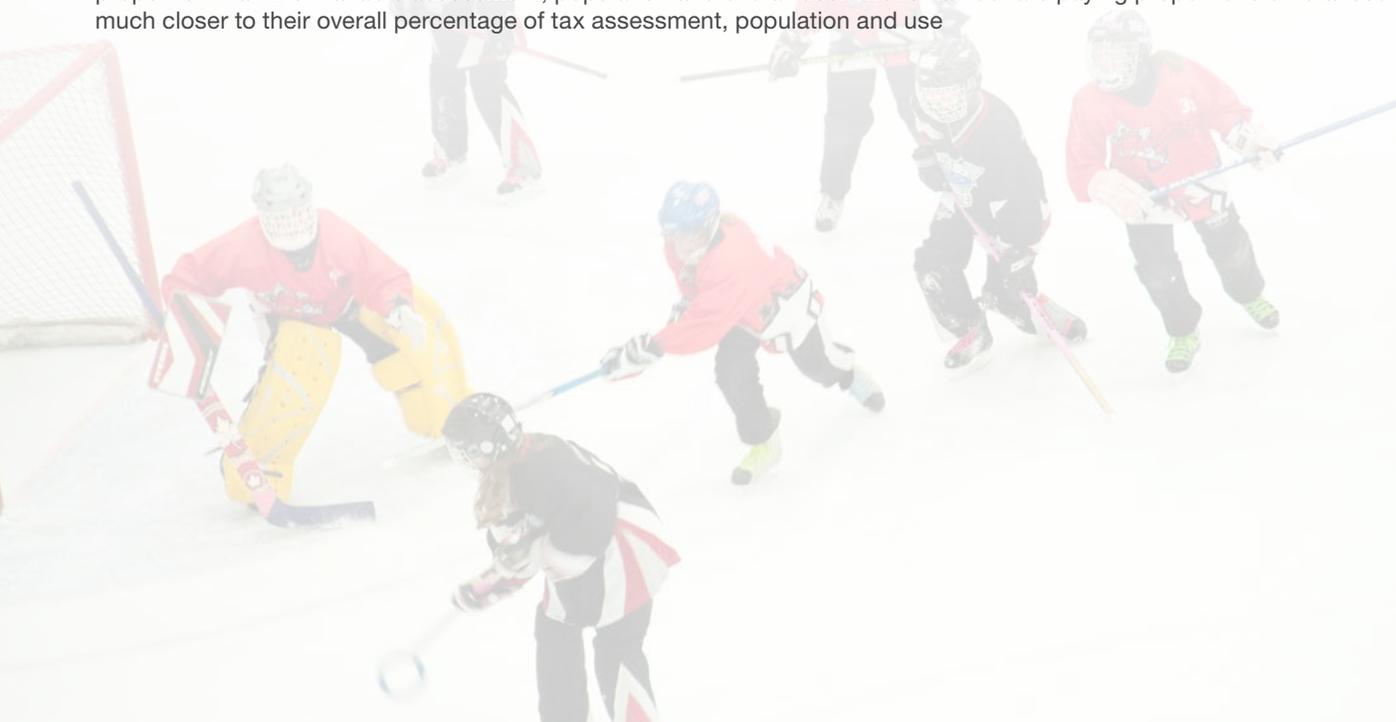
| Category of Use                 | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|---------------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| Cowichan Aquatic Centre         | 3.8%             | 11.6%            | 7.1%             | 3.6%             | 8.1%   | 7.4%             | 0.7%             | 3.2%          | 0.2%             | 1.0%             | 0.4%             | 2.2%          | 0.6%      | 50.1%          | 100%  |
| Cowichan Lake Recreation        | 3.9%             | 4.1%             | 3.7%             | 0.7%             | 6.4%   | 3.4%             | 4.8%             | 3.8%          | 0.7%             | 0.2%             | 12.3%            | 18.5%         | 2.3%      | 35.4%          | 100%  |
| Cowichan Sportsplex             | 5.1%             | 7.6%             | 3.8%             | 4.2%             | 4.4%   | 7.5%             | 1.3%             | 4.3%          | 1.0%             | 0.9%             | 1.1%             | 4.1%          | 6.1%      | 48.8%          | 100%  |
| Cowichan Performing Arts Centre | 5.6%             | 7.2%             | 7.3%             | 6.1%             | 7.8%   | 7.8%             | 1.3%             | 2.0%          | 1.4%             | 0.6%             | 0.9%             | 0.8%          | 3.2%      | 48.3%          | 100%  |
| Frank Jameson Community Centre  | 0.3%             | 1.0%             | 0.2%             | 1.1%             | 0.3%   | 0.6%             | 0.3%             | 0.9%          | 6.0%             | 11.5%            | 0.2%             | 1.3%          | 62.6%     | 13.4%          | 100%  |
| Fuller Lake Arena               | 0.2%             | 1.0%             | 0.5%             | 2.1%             | 2.3%   | 9.4%             | 1.3%             | 0.3%          | 3.9%             | 1.0%             | 0.3%             | 2.5%          | 19.0%     | 55.8%          | 100%  |
| Island Savings Centre           | 6.3%             | 10.2%            | 6.5%             | 7.1%             | 7.2%   | 8.6%             | 1.0%             | 1.4%          | 0.4%             | 0.1%             | 0.6%             | 0.8%          | 1.7%      | 48.6%          | 100%  |

**Figure Twenty-Eight: Summary of the Areas of Residency of Users of All Nine of the Regionally Significant Facilities With Comparisons to Population, Taxable Assessment and Total Proportion Currently Paid**

| Category of Use                            | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total |
|--|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|-------|
| Kerry Park Recreation Centre               | 18.9%            | 34.1%            | 15.2%            | 9.8%             | 2.0%   | 2.9%             | 0.2%             | 1.6%          | 0.0%             | 0.1%             | 0.2%             | 0.1%          | 0.3%      | 14.8%          | 100%  |
| Shawnigan Lake Community Centre            | 8.3%             | 73.4%            | 3.4%             | 2.2%             | 2.1%   | 0.7%             | 0.1%             | 1.2%          | 0.6%             | 0.0%             | 0.2%             | 0.2%          | 0.0%      | 7.6%           | 100%  |
| Proportion of Population                   | 5.7%             | 10.2%            | 6.0%             | 3.9%             | 5.9%   | 4.9%             | 1.9%             | 4.9%          | 2.8%             | 2.9%             | 1.4%             | 3.9%          | 10.2%     | 35.4%          | 100%  |
| Proportion of Taxable Assessment           | 7.3%             | 12.1%            | 6.9%             | 4.2%             | 4.6%   | 4.5%             | 3.3%             | —             | 4.5%             | 4.2%             | 3.9%             | 2.8%          | 8.8%      | 32.9%          | 100%  |
| Total Tax Support for the Nine Facilities* | 704              | 1832             | 713              | 757              | 1025   | 562              | 872              | 72            | 40               | 89               | 850              | 552           | 1412      | 6496           | 16M   |
| Proportion of Total Tax Support            | 4.4%             | 11.5%            | 4.5%             | 4.7%             | 6.4%   | 3.5%             | 5.5%             | 0.5%          | 0.3%             | 0.6%             | 5.3%             | 3.5%          | 8.8%      | 40.6%          | 100%  |

\* From estimates in table in Appendix B. These figures are in 1000's.

As [Figure Twenty-Eight](#) shows, a total of over \$16 million of public funds are supporting the nine regionally significant recreation facilities each year. A few jurisdictions, like Electoral Areas D, F and I and North Cowichan, are financing a percentage of that total which is higher than their percentage of overall use and higher than their percentage of population and higher than their percentage of taxable assessment. There are also several jurisdictions, including Electoral Areas A, C, E, G and H, which are spending a smaller proportion than their taxable assessment, population and overall use. The remainder are paying proportions of total costs which are much closer to their overall percentage of tax assessment, population and use



# Appendices



**A: Details of User Survey . . . . . 26**  
**B: Financial Contributions to Regionally Significant Recreation Facilities . . . . . 29**

## APPENDIX A

## Details of User Survey



## Schedule for Drop-in Survey

| Facility                        | Dates  | Day      | Survey Time       | Program Covered                     |
|---------------------------------|--------|----------|-------------------|-------------------------------------|
| Cowichan Aquatic Centre         | 16-Sep | Saturday | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 23-Sep | Saturday | 2:30-4:00 pm      | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 24-Sep | Sunday   | 11:00 to 1:00 pm  | Free Rec Day                        |
| Cowichan Aquatic Centre         | 24-Sep | Sunday   | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 30-Sep | Saturday | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 01-Oct | Sunday   | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 07-Oct | Saturday | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 08-Oct | Sunday   | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 14-Oct | Saturday | 2:00 to 4:00 pm   | Everyone Welcome                    |
| Cowichan Aquatic Centre         | 15-Oct | Sunday   | 2:00-4:00pm       | Everyone Welcome                    |
| Cowichan Lake Sports Arena      | 18-Sep | Monday   | 3:00 to 4:50 pm   | Free Skate                          |
| Cowichan Lake Sports Arena      | 22-Sep | Friday   | 6:30-7:50 pm      | Friday night skate and Free Rec Day |
| Cowichan Lake Sports Arena      | 02-Oct | Monday   | 1:00 to 3:20 pm   | Schools Out Drop-in Hockey          |
| Cowichan Lake Sports Arena      | 02-Oct | Monday   | 10:30 to 12:30 pm | Learn to Play Euchre                |
| Cowichan Lake Sports Arena      | 26-Sep | Tuesday  | 7:00 to 9:00pm    | Acoustic jam                        |
| Cowichan Lake Sports Arena      | 05-Oct | Thursday | 9:00 to 10:20 pm  | Drop-in Hockey                      |
| Cowichan Performing Arts Centre | 19-Sep | Tuesday  | 7:00 to 9:00 pm   | Film                                |
| Cowichan Performing Arts Centre | 25-Sep | Monday   | 7:00 to 9:00 pm   | Film                                |
| Cowichan Sportsplex             | 10-Sep | Sunday   | 10 to 12 noon     | Ovarian Cancer Event team of 3      |
| Cowichan Sportsplex             | 18-Sep | Monday   | 8:00 to 10:00 am  |                                     |
| Cowichan Sportsplex             | 19-Sep | Tuesday  | 6:30 to 8:00 pm   |                                     |
| Cowichan Sportsplex             | 19-Sep | Tuesday  | 8:00 to 10:00 am  |                                     |
| Cowichan Sportsplex             | 21-Sep | Thursday | 6:30 to 8:00 pm   |                                     |

| Facility                       | Dates  | Day       | Survey Time      | Program Covered                   |
|--------------------------------|--------|-----------|------------------|-----------------------------------|
| Cowichan Sportsplex            | 25-Sep | Monday    | 8:00to 10:00 am  |                                   |
| Cowichan Sportsplex            | 28-Sep | Thursday  | 6:30 to 8:00 pm  |                                   |
| Frank Jameson Community Centre | 25-Sep | Monday    | 6:30 to 7:30 pm  | Toonie Swim Team of 1             |
| Frank Jameson Community Centre | 25-Sep | Monday    | 7:30 to 9:00 pm  | Adult Swim                        |
| Frank Jameson Community Centre | 26-Sep | Tuesday   | 6:30 to 8:00 pm  | Everyone Welcome                  |
| Frank Jameson Community Centre | 27-Sep | Wednesday | 6:30 to 7:30 pm  | Toonie Swim                       |
| Frank Jameson Community Centre | 27-Sep | Wednesday | 7:30 to 9:00pm   | Adult Swim                        |
| Frank Jameson Community Centre | 28-Sep | Thursday  | 6:30 to 8:00 pm  | Everyone Welcome                  |
| Frank Jameson Community Centre | 29-Sep | Friday    | 6:30 to 8:00 pm  | Everyone Welcome                  |
| Frank Jameson Community Centre | 01-Oct | Sunday    | 2:00 to 5:00 pm  | Everyone Welcome                  |
| Frank Jameson Community Centre | 09-Nov | Thursday  | 6:30 to 8:30 pm  | Everyone Welcome                  |
| Frank Jameson Community Centre | 12-Nov | Sunday    | 2:30 to 5:30 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 15-Sep | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 17-Sep | Sunday    | 3:15 to 4:00 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 22-Sep | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 24-Sep | Sunday    | 3:15 to 4:00 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 29-Sep | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 01-Oct | Sunday    | 3:15 to 4:00 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 06-Oct | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 13-Oct | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Fuller Lake Arena              | 15-Oct | Sunday    | 3:15 to 4:00 pm  | Everyone Welcome                  |
| Island Savings Centre          | 16-Sep | Sat       | 7:00 to 9:00 pm  | Capitals Team of 3                |
| Island Savings Centre          | 20-Sep | Wednesday | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Island Savings Centre          | 22-Sep | Friday    | 6:30 to 7:50 pm  | Everyone Welcome                  |
| Island Savings Centre          | 23-Sep | Saturday  | 1:00 to 2:20 pm  | Everyone Welcome                  |
| Island Savings Centre          | 24-Sep | Sunday    | 1:00 to 2:20 pm  | Everyone Welcome                  |
| Island Savings Centre          | 08-Oct | Sun       | 2:00 to 4:00 pm  | Capitals                          |
| Kerry Park Recreation Centre   | 17-Sep | Sunday    | 1:00 to 2:15 pm  |                                   |
| Kerry Park Recreation Centre   | 20-Sep | Wednesday | 1:00 to 2:15 pm  |                                   |
| Kerry Park Recreation Centre   | 20-Sep | Wednesday | 10:45 to 12:45pm | Senior fitness and Drop-in Hockey |
| Kerry Park Recreation Centre   | 22-Sep | Friday    | 1:00 to 2:15 pm  |                                   |
| Kerry Park Recreation Centre   | 22-Sep | Friday    | 7:00 to 8:15 pm  |                                   |
| Kerry Park Recreation Centre   | 12-Nov | Sunday    | 1:00 to 2:15 pm  | Everyone Welcome                  |

# Copy of Poster to Advertise Drop-in Survey



**30 seconds of your time?**

The Cowichan Valley Regional District and the Town of Ladysmith are asking users to provide their addresses for a facility use survey.

Survey results will help us better understand who uses this facility and how we can better serve you.

**Thank You!**



**30 seconds of your time?**

The CVRD, Municipality of North Cowichan, City of Duncan and Cowichan Sportsplex are asking users to provide their addresses for a facility use survey.

Survey results will help us better understand who uses this facility and how we can better serve you.

**Thank You!**

## APPENDIX B

# Financial Contributions to Regionally Significant Recreation Facilities

**Figure Twenty-Seven: Proportion of All Shawnigan Lake Community Centre Uses from Each Jurisdiction**

| Category of Use                    | Electoral Area A | Electoral Area B | Electoral Area C | Electoral Area D | Duncan | Electoral Area E | Electoral Area F | First Nations | Electoral Area G | Electoral Area H | Electoral Area I | Lake Cowichan | Ladysmith | North Cowichan | Total    |
|------------------------------------|------------------|------------------|------------------|------------------|--------|------------------|------------------|---------------|------------------|------------------|------------------|---------------|-----------|----------------|----------|
| All breakdown figures are in 1000s |                  |                  |                  |                  |        |                  |                  |               |                  |                  |                  |               |           |                |          |
| Cowichan Aquatic Centre            | 28               | 46               | 27               | 0                | 416    | 20               | 8                | 72            | —                | —                | 8                | 3             | —         | 3200           | \$3.83M  |
| Cowichan Lake Recreation           | —                | —                | —                | —                | —      | —                | 864              | —             | —                | —                | 842              | 549           | —         | —              | \$2.26M  |
| Cowichan Sportsplex                | 13               | —                | 13               | 8                | 18     | 10               | —                | —             | —                | —                | —                | —             | —         | 146            | \$.21M   |
| Cowichan Performing Arts Centre    | 35               | 58               | 67               | 85               | 113    | 102              | —                | —             | —                | —                | —                | —             | 45        | 610            | \$1.11M  |
| Frank Jameson Community Centre     | —                | —                | —                | —                | —      | —                | —                | —             | 40               | 89               | —                | —             | 1367      | —              | \$1.50M  |
| Fuller Lake Arena                  | —                | —                | —                | —                | —      | —                | —                | —             | —                | —                | —                | —             | —         | 480            | \$.48M   |
| Island Savings Centre              | —                | —                | —                | 279              | 478    | 430              | —                | —             | —                | —                | —                | —             | —         | 2060           | \$3.25M  |
| Kerry Park Recreation Centre       | 628              | 1048             | 606              | 385              | —      | —                | —                | —             | —                | —                | —                | —             | —         | —              | \$2.67M  |
| Shawnigan Lake Community Centre    | —                | 680              | —                | —                | —      | —                | —                | —             | —                | —                | —                | —             | —         | —              | \$.68M   |
| Total of All Facilities            | 704              | 1832             | 713              | 757              | 1025   | 562              | 872              | 72            | 40               | 89               | 850              | 552           | 1412      | 6496           | \$15.99M |











# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 11, 2018  
**MEETING TYPE & DATE** Board Meeting of January 24, 2018  
**FROM:** General Manager  
 Community Services Department  
**SUBJECT:** Regional Recreation Phase Three  
**FILE:**

## PURPOSE/INTRODUCTION

The purpose of this report is to provide information to the Board on the Regional Recreation Select Committee's resolution to continue their initiative into phase three, Regional Recreation Options.

## RECOMMENDED RESOLUTION

For direction.

## BACKGROUND

On October 14, 2015, the Board directed that a report be prepared regarding regional recreation for their consideration. The Board established a Select Committee in February 2016 to move the regional recreation initiative forward. Workshops and Committee meetings held in 2016 shaped the parameters of the initiative.

The Board budgeted for 2017 a total of \$155,000 for the regional recreation initiative. The Regional Recreation Select Committee has directed that the work on determining recommendations on regional recreation be broken into four phases:

1. Regional Recreation Planning (public engagement)
2. Facility Use Analysis
3. Regional Recreation Options
4. Recreation Master Plan

The consultant hired for the first two phases of the work presented the findings of those phases at a Regional Recreation Select Committee meeting January 9, 2018. The Committee approved sending those reports to the Board for information.

The Committee further made a motion **“that the Regional Recreation Select Committee confirm moving ahead with phase three of the regional recreation project pending CVRD Board approval”**. Staff provided this report to the Board as a result.

## ANALYSIS

Phase three, Regional Recreation Options, will be the smallest of the four phases of the larger planned work. Steps would include:

1. An initial four hour Committee workshop on the afternoon of February 13, 2018 to deal with four issues, including:
  1. Recognition of funding inequities – a discussion including various alternative approaches;
  2. Discussion of a regional recreation planning continuum including unsuitable options;
  3. Identification of what information is required to better understand the regional delivery options that are viable; and
  4. Setting the agenda and logistics for a second workshop.

2. Consultants and staff would gather any additional data required for the second workshop.
3. A second four hour Committee workshop in March with three topics:
  1. Agreement of an approach to deal with funding inequities;
  2. Formulation of an outline of a recommendation to the CVRD Board for a referendum (or alternative approach) on that approach; and
  3. Agreement on an outline for a specific regional recreation delivery system – either the current or alternative one.
4. Consultants and staff would write up the results of the Committee work for submission to the CVRD Board.
5. The consultant would present the results of the Committee work to the CVRD Board.

In summary, phase three will focus on the structure and financing of existing regionally significant recreation services.

Staff have spent over two years and approximately \$70,000 on the first two phases of this initiative. Data has been accumulated, but no direction resulting from that data has been provided. Staff would recommend that the CVRD proceed with an \$11,000 investment to determine any options that may lead to public approval question(s) in October 2018.

The following options are available to the Board:

1. Approve the Regional Recreation Select Committee to proceed with phase three – Regional Recreation Options, with a report to the Board anticipated for May 2018.
 

Pros:

  1. Provide direction from data collected;
  2. Justify investment to date; and
  3. Use existing committee structure that has been involved with the project for two years.

Cons:

  1. Although smaller in comparison to other phases, an \$11,000 expenditure; and
  2. Does not involve the entire Board in the generation of options leading to a potential referendum. The Board would receive preferred options (or no option) from the Committee.
2. Have the entire Board involved with phase three; attend the two to three workshops to determine potential public approval question(s).
 

Pros:

  1. Provide direction from data collected;
  2. Justify investment to date; and
  3. Involve the entire Board in the generation of options leading to a potential referendum.

Cons:

  1. Although smaller in comparison to other phases, an \$11,000 expenditure; and
  2. Potentially interrupts a Committee structure that would still be tasked for directing phase four, Regional Recreation Master Plan.
3. Terminate the initiative and disband the Regional Recreation Select Committee.
 

Pros:

  1. No \$11,000 expenditure.

Cons:

  1. No direction on data collected is provided; and
  2. The purpose of the investment to date not fulfilled.
4. Other.

#### FINANCIAL CONSIDERATIONS

Of the \$155,000 budgeted in 2017, \$70,000 has been spent with the remainder carried over to 2018. The cost of phase three, Regional Recreation Options, is \$11,000. The remainder of the budget will

fund the Regional Recreation Master Plan, and any further public engagement necessary with public approval questions.

**COMMUNICATION CONSIDERATIONS**

Potential of public approval questions resulting from phase three work.

**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, Procurement*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Land Use Services (*Community Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

Prepared by:

Reviewed by:



John Elzinga  
General Manager

Not Applicable  
Not Applicable

Not Applicable  
Not Applicable

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

Chief Administrative Officer's Comments / Concurrence



Mark Kueber, CPA, CGA  
A/CAO





# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 12, 2018

**MEETING TYPE & DATE** Board Meeting of January 24, 2018

**FROM:** Legislative Services Division  
Corporate Services Department

**SUBJECT:** Options and Timing for Seeking Public Approval - Regional Grant-in-Aid Service Establishment Proposal

**FILE:** Bylaw No. 4162

## PURPOSE/INTRODUCTION

The purpose of this report is to choose the method by which to seek public approval regarding proposed Regional Grant-in-Aid Service Establishment Bylaw No. 4162, including the timing of when to seek public approval.

## RECOMMENDED RESOLUTION

For direction.

## BACKGROUND

The Board considered recommendations from the Grant-in-Aid select committee at the November 29, 2017 Board meeting and passed the following resolution:

*“That a bylaw be prepared to establish a new Regional Grant-in-Aid service with a maximum requisition of \$150,000 and with the service area consisting of all thirteen jurisdictions”.*

Regional Grant-in-Aid Service Establishment Bylaw No. 4162 has been prepared and is ready for consideration of first three this bylaw and the timing of when to seek public approval.

## ANALYSIS

Prior to establishing this new Regional Grant-in-Aid service, public approval is required either through an Alternative Approval Process (AAP) or by Referendum. In either case, the Board’s AAP policy requires a 60 day public engagement period prior to undertaking an AAP (or Referendum). Since this proposal is for a full regional service, the costs incurred during the public engagement period will be significantly higher than if only one or two jurisdictions were participating service partners.

An unaddressed information card sent by direct mailing to all households in the region would cost a minimum \$30,000 for design, printing and postage costs. Four open houses (one each in the north, central, west and south geographical areas) would incur \$5,000 to \$7,000 in costs (handouts, advertising, storyboards, mileage, refreshments, and hall rentals). Staff resources would be used to update and manage PlaceSpeak, social media and the regional district’s website.

The cost for the required community engagement is estimated at approximately \$37,000. If, after considering the input received from the community, the Board proceeds with the proposal, the approximate cost for the legislated newspaper advertising would be an additional \$3,000.

Option #1 – Spring AAP (With Stand Alone Referendum Option)

First three readings are given to Bylaw No. 4162 at this meeting (January 24) with the community engagement period occurring from late January to late March. Public comments would be considered at the March 28<sup>th</sup> meeting and the Board would decide whether or not to proceed with an AAP. If the decision is to proceed, the elector response deadline would be set for June 6, 2018. Provided less than 10% of the electors oppose the adoption of Bylaw No. 4162, the Board would consider adoption of the Bylaw on June 13, 2018.

If more than 10% of the electors are opposed, the Board has the option of proceeding to referendum within 80 days of the AAP deadline date of June 6. This would result in a referendum being held on August 25. Local governments occasionally proceed to referendum if the percentage of opposed is slightly more than 10% of the electors. However, since the total requisition of the proposed service is \$150,000 annually and the cost of a stand alone regional referendum would be approximately \$150,000, it is extremely unlikely that the Board would proceed with a referendum in this scenario.

Option #2 – Summer AAP (With Referendum Option Held in Conjunction With the Election)

First three readings are given to Bylaw No. 4162 on March 14 with the community engagement period occurring from mid-March to mid-May. Public comments would be considered at the May 23 meeting and the Board would decide whether or not to proceed with an AAP. If the decision is to proceed, the elector response deadline would be set for August 7, 2018. Provided less than 10% of the electors oppose the adoption of Bylaw No. 4162, the Board would consider adoption of the Bylaw on August 22, 2018.

If more than 10% of the electors are opposed, the Board has the option of proceeding to referendum within 80 days of the AAP deadline date of August 7. This would result in a referendum being held in conjunction with the election on October 20. The referendum costs in this scenario would be approximately \$3,000 for additional statutory newspaper advertising.

Option #3 – Direct to Referendum (Held in Conjunction With the Election)

The Board gives first three readings to Bylaw No. 4162 on June 13 with the community engagement period occurring from mid-June to mid-August. Public comments would be considered on August 8 and the Board would decide whether or not to proceed to referendum. If the decision is to proceed, the referendum would be held in conjunction with the election on October 20.

**FINANCIAL CONSIDERATIONS**

Approximately \$40,000 for community engagement and statutory newspaper advertising.

**COMMUNICATION CONSIDERATIONS**

All three options would require a two month community engagement period in order to obtain public comments on the proposed service. Additional communication would be required if a referendum is held.

**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, Procurement*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Land Use Services (*Community 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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Not Applicable  
Not Applicable

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

Chief Administrative Officer's Comments / Concurrence




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Mark Kueber, CPA, CGA  
A/CAO

**ATTACHMENTS:**

Attachment A – 2018 Timelines for Seeking Public Approval

## 2018 TIMELINES FOR SEEKING PUBLIC APPROVAL

|   | <b>Date Board Gives First Three Readings to bylaw</b> | 60 Day Formal Community Engagement (while Province considers formal approval of bylaw) | Date when Board considers public comments and sets AAP Deadline Date | Statutory Newspaper AAP Ads | 60 Day Elector Response Period | AAP Deadline Date  | <b>Date when Board considers adoption of bylaw</b> | If Board decides to take bylaw to Referendum (must be within 80 days of AAP Deadline Date) |
|---|---|--|--|-----------------------------|--------------------------------|--|--|--|
| <b>Spring AAP (with no option of going to referendum)</b>         | <b>January 24</b>                                     | Late January to Late March   | March 28   | April 6 and April 13        | Mid-April to Mid-June          | Wed. June 6  | <b>June 13</b>                                     | Saturday August 25   |
| <b>Summer AAP (with option of going to referendum in October)</b> | <b>March 14</b>                                       | Mid-March to Mid-May   | May 23   | May 30 and June 6           | Early June to Early August     | Tuesday August 7   | <b>August 22</b>                                   | Saturday October 20<br>**same day as election*   |
| <b>Direct to Referendum (no AAP)</b>                              | <b>June 13</b>  | Mid-June to Mid-August   | N/A  | N/A                         | N/A                            | N/A<br>* Aug 8 - Board approves wording of Ref. question | N/A  | Saturday October 20<br>**same day as election*   |



# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 16, 2018  
**MEETING TYPE & DATE** Board Meeting of January 24, 2018  
**FROM:** Legislative Services Division  
 Corporate Services Department  
**SUBJECT:** Setting of Date for Parcel Tax Roll Review Panel  
**FILE:**

---

## PURPOSE/INTRODUCTION

The purpose of this report is to set the time and place for the sitting of the Parcel Tax Roll Review Panel as per Section 204 of the *Community Charter*.

## RECOMMENDED RESOLUTION

That the sitting of the Parcel Tax Roll Review Panel be set for Wednesday, February 21, 2018 at noon in the CVRD Boardroom.

## BACKGROUND

The *Community Charter* requires each local government to establish a Parcel Tax Roll Review Panel. The Board has already appointed Directors Kuhn, Marcotte and Morrison to the Parcel Tax Roll Review Panel. Before a parcel tax is imposed for the first time, the Panel is to consider any complaints respecting the parcel tax roll and must authenticate the roll in accordance with the Charter.

The Board is required to establish the time and place for the sitting of the panel. Advance public notice of the time and sitting must be given in the newspaper and notices must be mailed to the owner of every parcel that is to be taxed for the first time.

## ANALYSIS

The *Community Charter* allows a person to make a complaint to the panel on one or more errors or omissions. In the CVRD, the only potential errors or omissions could be:

- a name or address on the parcel tax roll;
- the inclusion of a parcel; and/or,
- an exemption has been improperly allowed or disallowed.

In order to make a complaint, a person must submit written notice to the CVRD at least 48 hours before the Panel sits.

After considering the complaint, the Panel may direct the correction of the parcel tax roll.

If there is a correction that would include a parcel that wasn't already on the roll, the Panel must notify the owner(s) of the parcel and allow them an opportunity to be heard. The Panel would then reconvene at a designated time for the owner to be heard and for the Panel to make their decision.

### Authentication of the Parcel Tax Roll

The Chair of the Panel must review the parcel tax roll to confirm that the directed corrections have been made and must report this to the Panel.

After receiving the report, the review panel must confirm and authenticate the parcel tax roll by certificate signed by at least 2 of the 3 members. Within 10 days after the parcel tax roll is authenticated, the CVRD's Collector must mail notice of the decision made by the Panel, or its refusal to adjudicate the complaint made. The notice must include a statement that the decision may be appealed to the Supreme Court.

**FINANCIAL CONSIDERATIONS**

N/A

**COMMUNICATION CONSIDERATIONS**

The time and place of the sitting of the Parcel Tax Roll Review Panel will be advertised in the newspaper and notices mailed to the property owners.

**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*)
- Planning & Development 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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Not Applicable  
Not Applicable

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

Chief Administrative Officer's Comments / Concurrence




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Mark Kueber, CPA, CGA  
A/CAO



# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 16, 2018  
**MEETING TYPE & DATE** Board Meeting of January 24, 2018  
**FROM:** Finance Division  
 Corporate Services Department  
**SUBJECT:** 2018 Revenue Anticipation Borrowing Bylaw No. 4173  
**FILE:**

---

## PURPOSE/INTRODUCTION

The purpose of this report is to introduce Revenue Anticipation Borrowing Bylaw No. 4173.

## RECOMMENDED RESOLUTION

For information.

## BACKGROUND

Regional Districts usually receive their requisition money from the Surveyor of Taxes and Member Municipalities annually on the first business day of August. During the period from January 1 to August the Regional District uses surplus funds from the previous year to finance operations. These funds will be extinguished in the first quarter of 2018 at which time the Regional District will be required to interim borrow for operational needs until receipt of requisition money. CVRD Bylaw No. 4173 – “Cowichan Valley Regional District Revenue Anticipation Borrowing Bylaw, 2018” appears later in the agenda for the Boards consideration.

## ANALYSIS

During 2017 the CVRD borrowed \$6,000,000 (\$9,000,000 – 2016) for interim financing needs at an interest cost of \$14,055 (\$25,932 – 2016). The interest rate on interim borrowing fluctuates with the average rate in 2017 of 1.45% (1.4% - 2016).

## FINANCIAL CONSIDERATIONS

The requirement for interim financing is dependent on the previous year surplus available and the timing of operational and capital expenditures. The 2018 budget includes an estimate for interest of \$26,000.

## COMMUNICATION CONSIDERATIONS

Once adopted a copy of this bylaw will be forwarded to MFA to enable Finance to undertake this borrowing.

## STRATEGIC/BUSINESS PLAN CONSIDERATIONS

N/A

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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, Procurement*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Land Use Services (*Community Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

Prepared by:

Reviewed by:




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Lyle Smith, CPA, CGA  
Assistant Manager




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Sharon Moss, CPA, CGA  
Manager

---

Not Applicable  
Not Applicable

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

Chief Administrative Officer's Comments / Concurrence




---

Mark Kueber, CPA, CGA  
A/CAO



# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 16, 2018  
**MEETING TYPE & DATE** Board Meeting of January 24, 2018  
**FROM:** Finance Division  
 Corporate Services Department  
**SUBJECT:** Spring Security Issuing Bylaws No. 4174 and No. 4178  
**FILE:**

---

## PURPOSE/INTRODUCTION

The purpose of this report is to introduce Security Issuing Bylaws No. 4174 and No. 4178 required to access the remaining debt proceeds for the Meade Creek capital upgrade project.

## RECOMMENDED RESOLUTION

For information.

## BACKGROUND

The Regional District has received the appropriate public approval and has adopted Loan Authorization Bylaws approving the borrowing. The Regional District has 5 years to request funds from the Municipal Finance Authority under each Loan Authorization Bylaw, which is done through a Security Issuing Bylaw.

Previously, \$1,000,000 was borrowed under Temporary Borrowing Bylaw No. 4135, which will be repaid with funds received from Security Issuing Bylaw No. 4174.

Bylaws No. 4174 and No. 4178 appear in the Bylaw section of the agenda for the Boards consideration.

## ANALYSIS

The Meade Creek upgrade project will require the remaining funds authorized by Loan Authorization Bylaw No. 3277 as well as the funds authorized by Loan Authorization Bylaw No. 4105 in order to complete the project in 2018.

## FINANCIAL CONSIDERATIONS

The Meade Creek remediation and upgrade capital project, borrowing and debt payments have been included in the 2018 Solid Waste Management budget.

## COMMUNICATION CONSIDERATIONS

Once adopted the Province and MFA will receive a copy of the bylaw and MFA will borrow the necessary funds in the spring and further these funds to the CVRD.

In addition, a tri-party contract is required to be signed by the CVRD, the Federation of Canadian Municipalities and MFA before MFA will release the funds associated with Security Issuing Bylaw No. 4178.

## 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, Procurement*)
- Engineering Services (*Environmental Services, Water Management, Recycling & Waste Management*)
- Land Use Services (*Community Planning, Development Services, Inspection & Enforcement, Economic Development, Parks & Trails*)
- Strategic Services

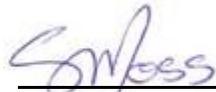
Prepared by:

Reviewed by:




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Lyle Smith, CPA, CGA  
Assistant Manager




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Sharon Moss, CPA, CGA  
Manager

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Mark Kueber, CPA, CGA  
General Manager

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

Chief Administrative Officer's Comments / Concurrence




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Mark Kueber, CPA, CGA  
A/CAO



## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4162

#### A Bylaw to Establish a Service for the Whole of the Cowichan Valley Regional District for the Purpose of Providing Regional Grants-in-Aid

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**WHEREAS** pursuant to Sections 332 and 338 of the *Local Government Act*, a regional district may, by bylaw, establish and operate any service that the Board considers necessary or desirable for all or part of the regional district;

**AND WHEREAS** the Board of the Cowichan Valley Regional District wishes to establish a service for the purpose of providing regional grants-in-aid to registered non-profit organizations that provide cultural, charitable, sporting, recreational or service activities that are of a regional benefit;

**AND WHEREAS** the Board of the Cowichan Valley Regional District has obtained the approval of the service area electors in accordance with the *Local Government Act* and the *Community Charter*;

**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. 4162 – Regional Grant-in-Aid Service Establishment Bylaw, 2018**".

2. **SERVICE BEING ESTABLISHED**

The service being established under the authority of this bylaw is a service for the purpose of providing regional grants-in-aid to registered non-profit organizations that provide cultural, charitable, sporting, recreational or service activities that are of a regional benefit.

3. **SERVICE AREA BOUNDARIES**

The boundaries of the service area are the boundaries of the whole of the Cowichan Valley Regional District.

.../2

4. **PARTICIPATING AREA**

The participating area for this service is the whole of the Cowichan Valley Regional District comprised of the City of Duncan; District of North Cowichan; Town of Lake Cowichan; Town of Ladysmith; and Electoral Areas: A – Mill Bay/Malahat; B – Shawnigan Lake; C – Cobble Hill; D – Cowichan Bay; E – Sahtlam/Glenora/Cowichan Station; F – Cowichan Lake South/Skutz Falls; G – Saltair/Gulf Islands; H – North Oyster/Diamond; and I – Youbou/Meade Creek.

5. **METHOD OF COST RECOVERY**

The annual cost of providing this service shall be recovered by revenues received by way of property value taxes, agreement, enterprise, gift, grant or otherwise.

6. **MAXIMUM REQUISITION**

The maximum amount of money that may be requisitioned annually in support of this service shall be the greater of \$150,000 or an amount equal to the amount that could be raised by a property value tax of \$0.0086 per \$1,000 of net taxable value of land and improvements within the service area.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

I hereby certify this to be a true and correct copy of Bylaw No. 4162 as given Third Reading on the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

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

\_\_\_\_\_  
Date

APPROVED BY THE INSPECTOR OF MUNICIPALITIES this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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



**COWICHAN VALLEY REGIONAL DISTRICT  
BYLAW No. 4167**

**A Bylaw to Amend CVRD – Honeymoon Bay Local Service  
(Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993**

**WHEREAS** the Board of the Cowichan Valley Regional District established the *Honeymoon Bay Water Service Area* under the provisions of Bylaw No. 1588, cited as "**CVRD – Honeymoon Bay Local Service (Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993**", as amended;

**AND WHEREAS** the Regional District wishes to further amend Bylaw No. 1588 by reducing the boundary to exclude PID: 005-186-501, Lot 1, Section 13, Renfrew District (situated in Cowichan Lake District), Plan VIP 10260;

**AND WHEREAS** the owner of the above noted property has petitioned the Regional District to have their property excluded from the service area;

**AND WHEREAS** the Director for Electoral Area F – Cowichan Lake South/Skutz Falls has 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 as "**CVRD Bylaw No. 4167 – Honeymoon Bay Local Service (Community Water Supply and Distribution) Amendment Bylaw, 2018**".

2. **AMENDMENT**

That CVRD Bylaw No. 1588 be amended by deleting the existing Schedule A and replacing it with the Schedule A attached to this bylaw.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

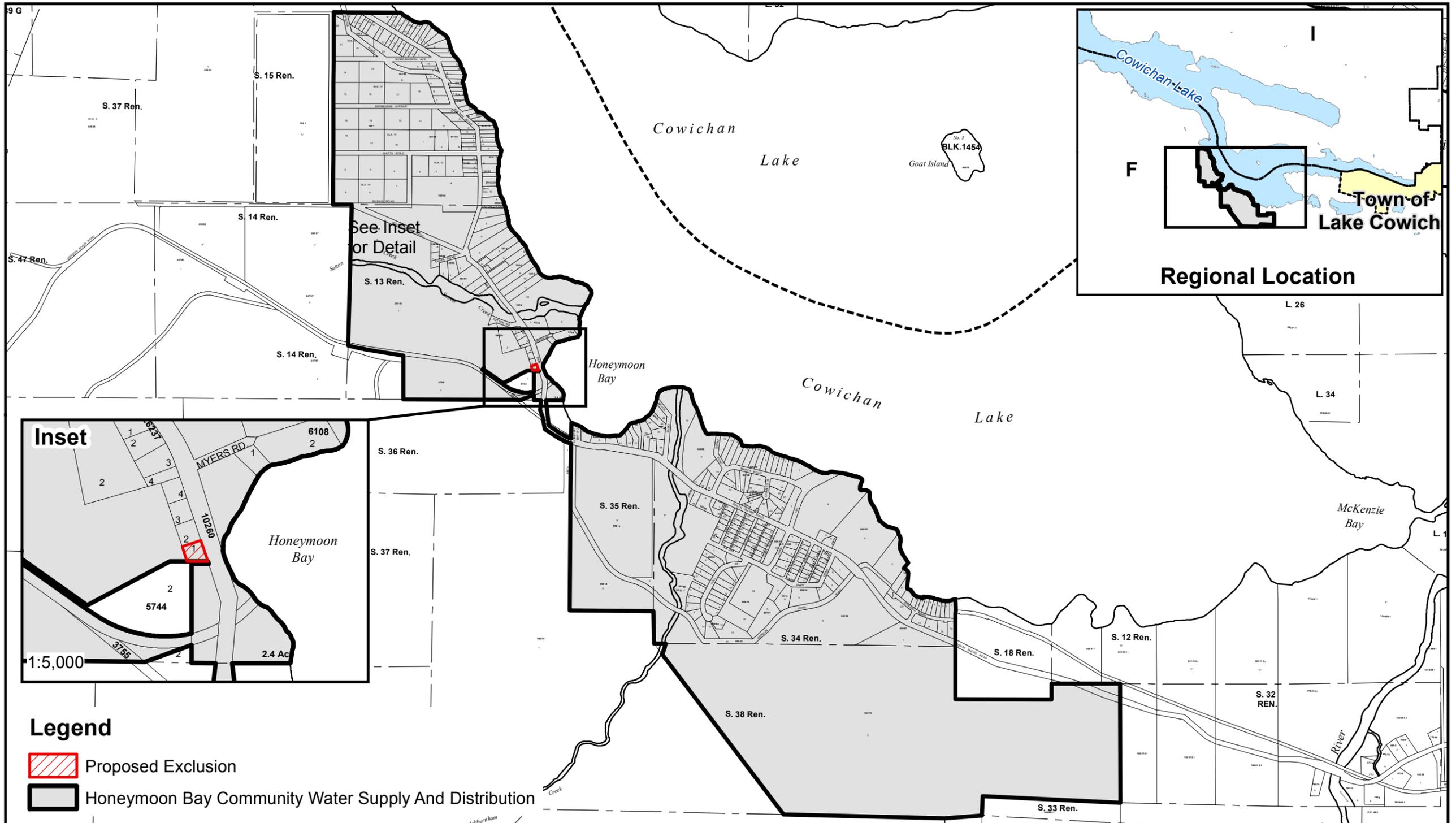
READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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



Schedule A to CVRD Bylaw No. 1588 - CVRD - Honeymoon Bay Local Service  
 (Community Water Supply and Distribution) Establishment Bylaw No. 10, 1993.

As amended by Bylaw No. 4167. Adopted \_\_\_\_\_, 2018



**COWICHAN VALLEY REGIONAL DISTRICT  
BYLAW No. 4168**

**A Bylaw to Amend Honeymoon Bay Water System Debt Repayment  
Service Establishment Bylaw No. 2967**

**WHEREAS** the Board of the Cowichan Valley Regional District established the *Honeymoon Bay Water Service Area* under the provisions of Bylaw No. 2967, cited as "**CVRD Bylaw No. 2967 - Honeymoon Bay Water System Debt Repayment Service Establishment Bylaw, 2007**", as amended;

**AND WHEREAS** the Regional District wishes to further amend Bylaw No. 2967 by reducing the boundary to exclude PID: 005-186-501, Lot 1, Section 13, Renfrew District (situated in Cowichan Lake District), Plan VIP 10260;

**AND WHEREAS** the owner of the above noted property has petitioned the Regional District to have their property excluded from the service area;

**AND WHEREAS** the Director for Electoral Area F – Cowichan Lake South/Skutz Falls has 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 as "**CVRD Bylaw No. 4168 – Honeymoon Bay Water System Debt Repayment Service Amendment Bylaw, 2018**".

2. **AMENDMENT**

That CVRD Bylaw No. 2967 be amended by deleting the existing Schedule A and replacing it with the Schedule A attached to this bylaw.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

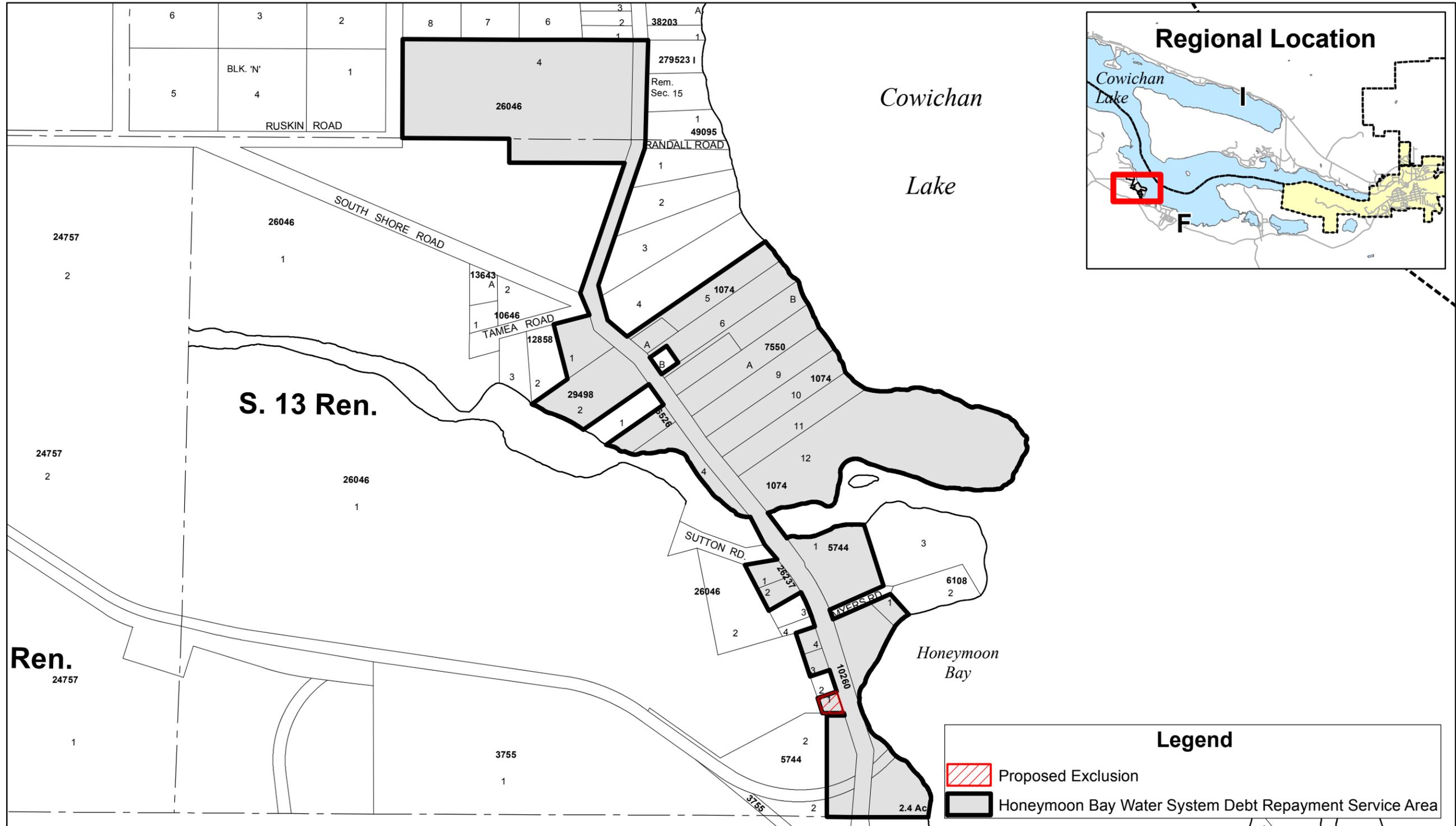
READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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





**COWICHAN VALLEY REGIONAL DISTRICT**

**BYLAW No. 4169**

**A Bylaw to Amend Honeymoon Bay Well No. 2 Debt Repayment Service Establishment Bylaw No. 3980**

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**WHEREAS** the Board of the Cowichan Valley Regional District established the *Honeymoon Bay Well No. 2 Debt Repayment Service Area* under the provisions of Bylaw No. 3980, cited as "**CVRD Bylaw No. 3980 – Honeymoon Bay Well No. 2 Debt Repayment Service Establishment Bylaw, 2016**" and "**CVRD Bylaw No. 3981 – Honeymoon Bay Well No. 2 Debt Repayment Service Loan Authorization Bylaw, 2016**";

**AND WHEREAS** the Regional District wishes to amend Bylaw No. 3980 by reducing the boundary to exclude PID: 005-186-501, Lot 1, Section 13, Renfrew District (situated in Cowichan Lake District), Plan VIP 10260;

**AND WHEREAS** the owner of the above noted property has petitioned the Regional District to have their property excluded from the service area;

**AND WHEREAS** the Director for Electoral Area F – Cowichan Lake South/Skutz Falls has 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 as "**CVRD Bylaw No. 4169 – Honeymoon Bay Well No. 2 Debt Repayment Service Amendment Bylaw, 2018**".

2. **AMENDMENT**

That CVRD Bylaw No. 3980 be amended by deleting the existing Schedule A and replacing it with the Schedule A attached to this bylaw.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

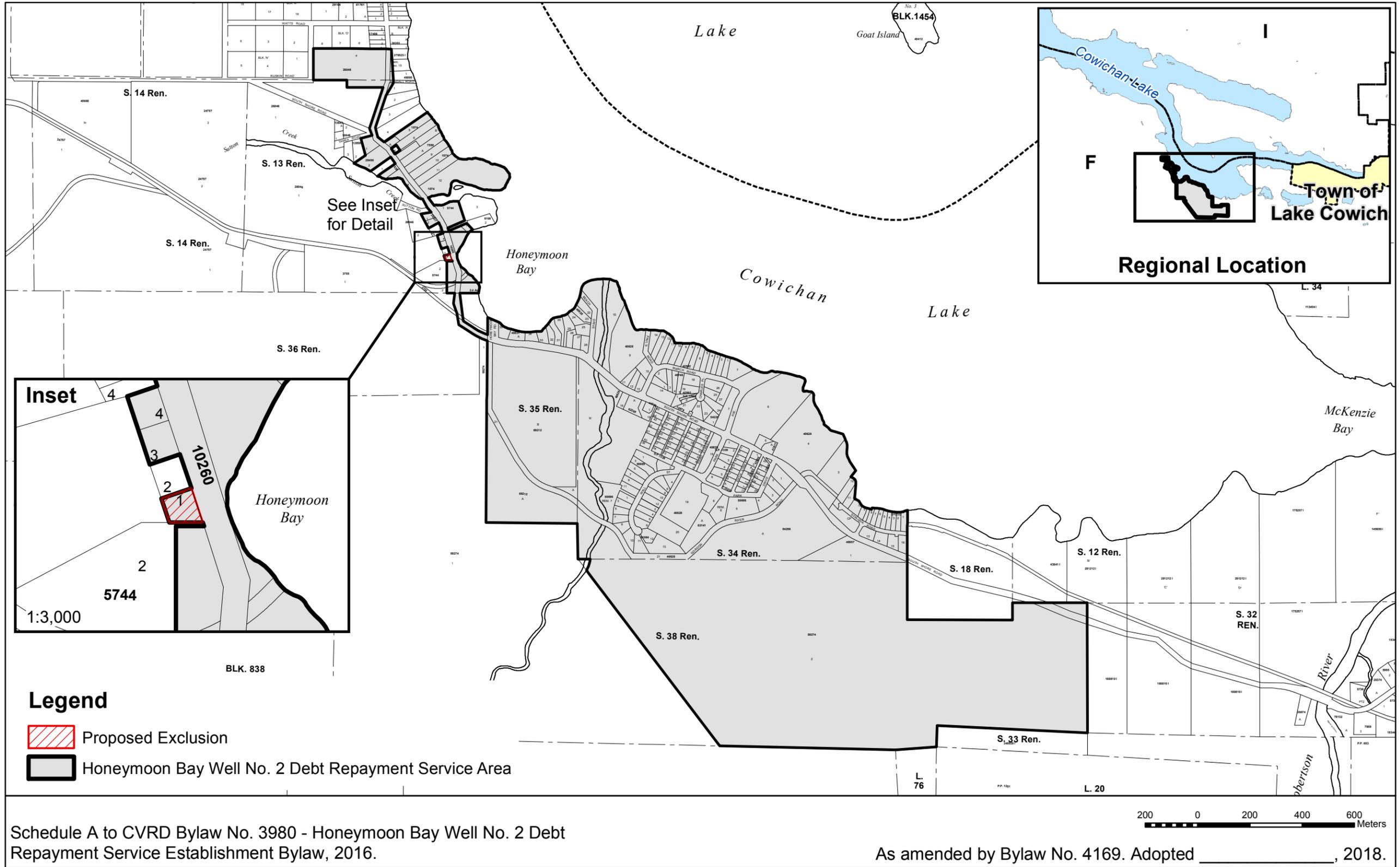
READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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



Schedule A to CVRD Bylaw No. 3980 - Honeymoon Bay Well No. 2 Debt Repayment Service Establishment Bylaw, 2016.

As amended by Bylaw No. 4169. Adopted \_\_\_\_\_, 2018.



**COWICHAN VALLEY REGIONAL DISTRICT**

**BYLAW No. 4173**

**A Bylaw to Provide for the Borrowing of Money in Anticipation of Revenue**

**WHEREAS** the Regional District does not have sufficient money on hand to meet the current lawful expenditures of the Regional District;

**AND WHEREAS** it is provided by Section 404 of the *Local Government Act* that the Regional Board may, without the assent of the electors or the approval of the Inspector of Municipalities, provide for the borrowing of such sums of money as may be necessary to meet the current lawful expenditures of the Regional District;

**AND WHEREAS** there are no liabilities outstanding under Section 404;

**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 as **"CVRD Bylaw No. 4173 – CVRD Revenue Anticipation Borrowing Bylaw, 2018."**

- 2. The Regional Board shall be and is hereby empowered and authorized to borrow upon the credit of the Regional District an amount or amounts not exceeding the sum of Eleven Million Dollars (\$11,000,000).
- 3. The form of obligation to be given as acknowledgement of the liability shall be a Promissory Note or Notes bearing the Corporate Seal and signed by the Chair and the Treasurer.
- 4. All anticipated revenue of the current year or so much thereof as may be necessary shall, when collected, be used to repay the money so borrowed.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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





## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4174

#### A Bylaw to Authorize the Entering into an Agreement Respecting Financing Between the Cowichan Valley Regional District and the Municipal Finance Authority of British Columbia

**WHEREAS** the Municipal Finance Authority of British Columbia (the “Authority”) may provide financing of capital requirements for regional districts or for their member municipalities by the issue of debentures or other evidence of indebtedness of the Authority and lending the proceeds therefrom to the Regional District on whose request the financing is undertaken;

**AND WHEREAS** under the provisions of Section 411 of the *Local Government Act*, the amount of borrowing authorized by the following Loan Authorization Bylaw, the amount already borrowed under the authority thereof, the amount of authorization to borrow remaining thereunder and the amount being issued under the authority thereof by this bylaw is as follows:

| L/A Bylaw Number | Purpose                         | Amount of Borrowing Authorized | Amount Already Borrowed | Borrowing Authority Remaining | Term of Issue | Amount of Issue |
|------------------|---------------------------------|--------------------------------|-------------------------|-------------------------------|---------------|-----------------|
| 3277             | Solid Waste Works – Meade Creek | \$1,800,000                    | \$1,500,000             | \$300,000                     | 20 Years      | \$300,000       |
| TOTAL            |                                 | \$1,800,000                    | \$1,500,000             | \$300,000                     |               | \$300,000       |

TOTAL Financing under Section 411 \$300,000

**AND WHEREAS** the Regional Board, by this bylaw, hereby requests such financing shall be undertaken through the Authority;

**NOW THEREFORE** the Regional Board of the Cowichan Valley Regional District enacts as follows:

#### 1. CITATION

This bylaw may be cited for all purposes as “**CVRD Bylaw No. 4174 - Security Issuing (Loan Authorization Bylaw No. 3277) Bylaw, 2018**”.

2. The Authority is hereby requested and authorized to finance from time to time the aforesaid undertakings at the sole cost and on behalf of the Cowichan Valley Regional District up to, but not exceeding Three Hundred Thousand Dollars, (\$300,000.) in lawful money of Canada (provided that the Regional District may borrow all or part of such amount in such currency as the Trustees of the Authority shall determine but the aggregate amount in lawful money of Canada and in Canadian Dollar equivalents so borrowed shall not exceed \$300,000. in Canadian dollars) at such interest and with such discounts or premiums and expenses as the Authority may deem appropriate in consideration of the market and economic conditions pertaining.
3. Upon completion by the Authority of financing undertaken pursuant hereto, the Chair and Treasurer of the Regional District, on behalf of the Regional District and under its seal shall, at such time or times as the Trustees of the Authority may request, enter into and deliver to the Authority one or more agreements which said agreement or agreements shall be substantially in the form annexed hereto as Schedule A and made part of the bylaw (such agreement or agreements as may be entered into, delivered or substituted hereinafter referred to as the "Agreement") providing for payment by the Regional District to the Authority of the amounts required to meet the obligations of the Authority with respect to its borrowings undertaken pursuant hereto, which Agreement shall rank as debenture debt of the Regional District.
4. The Agreement in the form of Schedule A shall be dated and payable in the principal amount or amounts of monies and in Canadian dollars or as the Authority shall determine and subject to the *Local Government Act*, in such currency or currencies as shall be borrowed by the Authority under Section 2 of this bylaw and shall set out the schedule of repayment of the principal amount together with interest on unpaid amounts as shall be determined by the Treasurer of the Authority.
5. The obligation incurred under the said Agreement shall bear interest from a date specified therein, which date shall be determined by the Treasurer of the Authority, and shall bear interest at a rate to be determined by the Treasurer of the Authority.
6. The Agreement shall be sealed with the seal of the Regional District and shall bear the signatures of the Chair and Treasurer.
7. The obligations incurred under the said Agreement as to both principal and interest shall be payable at the Head Office of the Authority in Victoria and at such time or times as shall be determined by the Treasurer of the Authority.
8. During the currency of the obligations incurred under the said Agreement to secure borrowings in respect of "CVRD Bylaw No. 3277 – Solid Waste Management Loan Authorization Bylaw, 2009" the anticipated revenues accruing to the Regional District from the operation of the Solid Waste Management Complex are at any time insufficient to meet the annual payment of interest and the repayment of principal in any year, there shall be requisitioned an amount sufficient to meet such insufficiency.
9. The Regional District shall provide and pay over to the Authority such sums as are required to discharge its obligations in accordance with the terms of the Agreement, provided however, that if the sum provided for in the Agreement is not sufficient to meet the obligations of the Authority, any deficiency in meeting such obligations shall be a liability of the Regional District to the Authority and the Regional District shall make provision to discharge such liability.

10. At the request of the Treasurer of the Authority and pursuant to Section 15 of the *Municipal Finance Authority Act*, the Regional District shall pay over to the Authority such sums and execute and deliver such promissory notes as are required pursuant to said Section 15 of the *Municipal Finance Authority Act*, to form part of the Debt Reserve Fund established by the Authority in connection with the financing undertaken by the Authority on behalf of the Regional District pursuant to the Agreement.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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



**SCHEDULE "A"**

**to CVRD Bylaw No. 4174**

**C A N A D A**

**PROVINCE OF BRITISH COLUMBIA**

Dollars

**A G R E E M E N T**

**COWICHAN VALLEY REGIONAL DISTRICT**

The Cowichan Valley Regional District hereby promises to pay to the Municipal Finance Authority of British Columbia (the "Authority") at its Head Office in Victoria, British Columbia, the sum of \_\_\_\_\_ (\$\_\_\_\_\_ ) in lawful money of Canada, together with interest thereon from the \_\_\_\_\_ day of \_\_\_\_\_ at varying rates of interest calculated semi-annually in each and every year during the currency of this Agreement; and payments shall be as specified in the table appearing on the reverse hereof commencing on the \_\_\_\_\_ day of \_\_\_\_\_ provided that in the event of payments of principal and interest hereunder are insufficient to satisfy the obligations of the Authority undertaken on behalf of the Regional District, the Regional District shall pay over to the Authority such further sums as are sufficient to discharge the obligations of the Regional District to the Authority.

DATED at \_\_\_\_\_, British Columbia, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

IN TESTIMONY WHEREOF and under the authority of Bylaw No. 4174 cited as "Cowichan Valley Regional District Bylaw No. 4174- Security Issuing (Loan Authorization Bylaw 3277) Bylaw, 2018." This Agreement is sealed with the Corporate Seal of the Cowichan Valley Regional District and signed by the Chair and Treasurer thereof.

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Treasurer



## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4178

**A Bylaw to Authorize the Entering into an Agreement Respecting Financing  
Between the Cowichan Valley Regional District and the  
Municipal Finance Authority of British Columbia**

**WHEREAS** the Municipal Finance Authority of British Columbia (the “Authority”) may provide financing of capital requirements for regional districts or for their member municipalities by the issue of debentures or other evidence of indebtedness of the Authority and lending the proceeds therefrom to the Regional District on whose request the financing is undertaken;

**AND WHEREAS** under the provisions of Section 411 of the *Local Government Act*, the amount of borrowing authorized by the following Loan Authorization Bylaw, the amount already borrowed under the authority thereof, the amount of authorization to borrow remaining thereunder and the amount being issued under the authority thereof by this bylaw is as follows:

| L/A Bylaw Number | Purpose             | Amount of Borrowing Authorized | Amount Already Borrowed | Borrowing Authority Remaining | Term of Issue | Amount of Issue |
|------------------|---------------------|--------------------------------|-------------------------|-------------------------------|---------------|-----------------|
| 4105             | Meade Creek Upgrade | \$1,968,000                    | NIL                     | \$1,968,000                   | 20 Years      | \$1,258,300     |
| 4105             | Meade Creek Upgrade | \$1,968,000                    | \$1,258,300             | \$709,700                     | 20 Years      | \$709,700       |
| TOTAL            |                     |                                | \$1,258,300             |                               |               | \$1,968,000     |

TOTAL Financing under Section 411 \$1,968,000

**AND WHEREAS** the Regional Board, by this bylaw, hereby requests such financing shall be undertaken through the Authority;

**NOW THEREFORE** the Regional Board of the Cowichan Valley Regional District enacts as follows:

1. **CITATION**

This bylaw may be cited for all purposes as “**CVRD Bylaw No. 4178 - Security Issuing (Loan Authorization Bylaw No. 4105) Bylaw, 2018**”.

2. The Authority is hereby requested and authorized to finance from time to time the aforesaid undertakings at the sole cost and on behalf of the Cowichan Valley Regional District up to, but not exceeding One Million, Nine Hundred & Sixty Eight Thousand Dollars, (\$1,968,000.) in lawful money of Canada (provided that the Regional District may borrow all or part of such amount in such currency as the Trustees of the Authority shall determine but the aggregate amount in lawful money of Canada and in Canadian Dollar equivalents so borrowed shall not exceed \$1,968,000. in Canadian dollars) at such interest and with such discounts or premiums and expenses as the Authority may deem appropriate in consideration of the market and economic conditions pertaining.
3. Upon completion by the Authority of financing undertaken pursuant hereto, the Chair and Treasurer of the Regional District, on behalf of the Regional District and under its seal shall, at such time or times as the Trustees of the Authority may request, enter into and deliver to the Authority one or more agreements which said agreement or agreements shall be substantially in the form annexed hereto as Schedule A and made part of the bylaw (such agreement or agreements as may be entered into, delivered or substituted hereinafter referred to as the "Agreement") providing for payment by the Regional District to the Authority of the amounts required to meet the obligations of the Authority with respect to its borrowings undertaken pursuant hereto, which Agreement shall rank as debenture debt of the Regional District.
4. The Agreement in the form of Schedule A shall be dated and payable in the principal amount or amounts of monies and in Canadian dollars or as the Authority shall determine and subject to the *Local Government Act*, in such currency or currencies as shall be borrowed by the Authority under Section 2 of this bylaw and shall set out the schedule of repayment of the principal amount together with interest on unpaid amounts as shall be determined by the Treasurer of the Authority.
5. The obligation incurred under the said Agreement shall bear interest from a date specified therein, which date shall be determined by the Treasurer of the Authority, and shall bear interest at a rate to be determined by the Treasurer of the Authority.
6. The Agreement shall be sealed with the seal of the Regional District and shall bear the signatures of the Chair and Treasurer.
7. The obligations incurred under the said Agreement as to both principal and interest shall be payable at the Head Office of the Authority in Victoria and at such time or times as shall be determined by the Treasurer of the Authority.
8. During the currency of the obligations incurred under the said Agreement to secure borrowings in respect of "CVRD Bylaw No. 4105 – Meade Creek Recycling Centre Upgrades and Landfill Closure Project Loan Authorization (\$1,968,000) Bylaw, 2017" the anticipated revenues accruing to the Regional District from the operation of the Solid Waste Management Complex are at any time insufficient to meet the annual payment of interest and the repayment of principal in any year, there shall be requisitioned an amount sufficient to meet such insufficiency.
9. The Regional District shall provide and pay over to the Authority such sums as are required to discharge its obligations in accordance with the terms of the Agreement, provided however, that if the sum provided for in the Agreement is not sufficient to meet the obligations of the Authority, any deficiency in meeting such obligations shall be a liability of the Regional District to the Authority and the Regional District shall make provision to discharge such liability.

10. At the request of the Treasurer of the Authority and pursuant to Section 15 of the *Municipal Finance Authority Act*, the Regional District shall pay over to the Authority such sums and execute and deliver such promissory notes as are required pursuant to said Section 15 of the *Municipal Finance Authority Act*, to form part of the Debt Reserve Fund established by the Authority in connection with the financing undertaken by the Authority on behalf of the Regional District pursuant to the Agreement.

READ A FIRST TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A SECOND TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

READ A THIRD TIME this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Chairperson

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



**SCHEDULE "A"**

**to CVRD Bylaw No. 4174**

**C A N A D A**

**PROVINCE OF BRITISH COLUMBIA**

Dollars

**A G R E E M E N T**

**COWICHAN VALLEY REGIONAL DISTRICT**

The Cowichan Valley Regional District hereby promises to pay to the Municipal Finance Authority of British Columbia (the "Authority") at its Head Office in Victoria, British Columbia, the sum of \_\_\_\_\_ (\$\_\_\_\_\_) in lawful money of Canada, together with interest thereon from the \_\_\_\_\_ day of \_\_\_\_\_ at varying rates of interest calculated semi-annually in each and every year during the currency of this Agreement; and payments shall be as specified in the table appearing on the reverse hereof commencing on the \_\_\_\_\_ day of \_\_\_\_\_ provided that in the event of payments of principal and interest hereunder are insufficient to satisfy the obligations of the Authority undertaken on behalf of the Regional District, the Regional District shall pay over to the Authority such further sums as are sufficient to discharge the obligations of the Regional District to the Authority.

DATED at \_\_\_\_\_, British Columbia, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

IN TESTIMONY WHEREOF and under the authority of Bylaw No. 4174 cited as "Cowichan Valley Regional District Bylaw No. 4178- Security Issuing (Loan Authorization Bylaw 4105) Bylaw, 2018." This Agreement is sealed with the Corporate Seal of the Cowichan Valley Regional District and signed by the Chair and Treasurer thereof.

\_\_\_\_\_  
Chairperson

\_\_\_\_\_  
Treasurer



## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4141

#### A Bylaw for the Purpose of Amending Official Community Plan Bylaw No. 1497, Applicable to Electoral Area H – North Oyster/Diamond

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

**AND WHEREAS** the Regional District has adopted an official community plan bylaw for Electoral Area H – North Oyster/Diamond, that being Official Community Plan Bylaw No. 1497;

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

**AND WHEREAS** after the close of the public hearing and with due regard to the reports received, the Regional Board considers it advisable to amend Community Plan Bylaw No. 1497;

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

1. **CITATION**

This bylaw shall be cited for all purposes as "**CVRD Bylaw No. 4141 – Area H – North Oyster/Diamond Official Community Plan Amendment Bylaw (PID: 008-477-043), 2017**".

2. **AMENDMENTS**

Cowichan Valley Regional District Official Community Plan Bylaw No. 1497, as amended from time to time, is hereby amended as outlined on the attached Schedule A.

3. **CAPITAL EXPENDITURE PROGRAM**

This bylaw has been examined in light of the most recent Capital Expenditure Program and Solid Waste Management Plan of the Cowichan Valley Regional District and is consistent therewith.

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**4. FORCE AND EFFECT**

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

READ A FIRST TIME this     23<sup>rd</sup> day of     August ,     2017.  
READ A SECOND TIME this     23<sup>rd</sup> day of     August ,     2017.  
READ A THIRD TIME this     29th day of     November ,     2017.  
ADOPTED this                            day of                        ,     2017.

\_\_\_\_\_  
Chairperson

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

**SCHEDULE "A"****To CVRD Bylaw No. 4141**

---

Schedule A to Official Community Plan Bylaw No. 1497, is hereby amended as follows:

1. That new "Part 11 – Policies: Commercial/Industrial Development Permit Area" be inserted, and subsequent Parts re-numbered.

**Part 11 – Commercial/Industrial Development Permit Area****11.1 Category**

The Commercial/Industrial Development Permit Area (DPA) is designated pursuant to Section 488 of the *Local Government Act* for the establishment of objectives for the form and character of commercial and industrial development.

**11.2 Scope**

The Commercial/Industrial DPA applies to land designated on Figure 12, "Commercial/Industrial Development Permit Area Map".

**11.3 Justification**

The North Oyster/Diamond community's rural character is influenced by the agricultural and rural landscape. The design of any commercial/industrial developments should be in keeping with the community's expectations for visual quality, and should be appropriately screened and landscaped so that it is compatible with surrounding land uses.

The OCP aims to ensure that the integrity of surface water and groundwater is protected from inappropriate development in areas where land uses may directly impact surface and groundwater resources.

The Commercial/Industrial DPA provides guidelines to ensure that development reflects the community's rural character, complements the natural environment and natural processes, and is safe for intended uses.

**11.4 Guidelines**

Unless otherwise exempt, prior to undertaking any construction, an owner of land will apply for and obtain a development permit, in accordance with the guidelines of the Commercial/Industrial Development Permit guidelines:

**GENERAL:**

1. Sites will be designed to protect significant features such as streams, wetlands, riparian areas, marine riparian areas, natural drainage features, native vegetation, nest trees, steep slopes, and archaeological and heritage resources. Clustering development, including buildings, structures, parking, and amenity areas will help protect such features, reduce infrastructure costs and minimize the amount of impervious areas.
2. Low-impact development measures incorporating native vegetation and soils such as naturalized ponds, bioswales or rain gardens, should be used to manage rainwater and prevent surface runoff to adjoining lands.
3. Measures will be taken during site preparation and development to retain all eroded soil, protect natural features, control surface runoff, prevent the release of deleterious substances, stabilize disturbed slopes, and restore disturbed areas upon development completion.
4. Significant natural features such as mature trees should be protected during construction through the use of protective fencing.

**BUILDING DESIGN - SCALE & MASSING:**

5. Buildings should incorporate design elements, materials and colours that enhance the neighbourhood, rural landscape and environment.
6. New development should be designed so all building faces are treated equally through the application of materials, colours and finishes; the use of a variety of complementary colours as accents is encouraged to provide visual interest.
7. Building facades should be three-dimensional, incorporating a high degree of relief through the use of recesses, projections, and other architectural elements. Building facades should be broken up into smaller components. Special measures should be used to reinforce a rhythm and scale that gives the appearance of individual units along the street (e.g. recess the building every 8 m with recesses that are 2 m in width and 2 m in depth).
8. The appearance of sheer, blank walls will be avoided by varying street edge treatment with the use of strategically placed landscaped areas along the length of each wall, staggered or varied building setbacks and other techniques.
9. The apparent mass of a building will be reduced by:
  - a. Using materials and colours in a manner which defines individual storeys (i.e. distinct top, middle and base);
  - b. Using trim, intense colour accents, secondary roof elements and building recesses to articulate façades;
  - c. Using recessed balconies rather than large projecting balconies along public roadways which emphasize bulk;
  - d. Stepping buildings back from public roadways as they increase in height in order to emphasize the ground floor and downplay height; and
  - e. Blending rooflines and roof angles.

10. Building indentations to accommodate landscaped pedestrian areas are encouraged. These areas should be carefully designed to accommodate native vegetation, outdoor seating, bicycle parking and garbage/recycling receptacles.
11. Where commercial uses are located on the ground floor of a building, a maximum amount of glazing should be provided on the ground level of the façade facing a public roadway to create visual interest for pedestrians.
12. Buildings should be designed with protective overhangs over pedestrian and outdoor seating areas. Permanent, structural canopies are preferred and temporary structures or covers such as tarps are discouraged.
13. Building entries should be emphasized and made as inviting and sheltered as possible through the use of structural canopies and entry porticos.
14. Blank facades are discouraged. Where firewalls are necessary, they should be architecturally finished to provide visual interest and coordinate with other building walls, or incorporate high quality, durable murals which complement the neighbourhood.
15. Special attention should be paid to façades to create visual interest for pedestrians. The use of projections and recesses is encouraged to provide visual interest and building façade articulation and avoid long continuous walls. The ground level of a building should be given special consideration in terms of its appearance, function and durability, to enhance the pedestrian experience.
16. Particularly where they abut residential areas, commercial and industrial development should be designed carefully to prevent shading, loss of privacy, air quality or noise pollution impacts on neighbouring properties. Landscaping and screening should be incorporated adjacent to residential areas.
17. Windows and doors should be arranged and detailed to reflect the style of the building and character of the neighbourhood.
18. South-facing windows are encouraged to maximize winter solar gain and natural light.
19. Window overhangs and/or fixed operable shading devices should be used to control solar gain by blocking high-angle summer sun and allowing entry of low-angle winter sun.
20. Duplicate, mirror-image or repetitive, monotonous building designs are discouraged.

#### **BUILDING DESIGN - MATERIALS & COLOURS:**

21. Materials should be durable and weather-resistant. Natural materials such as timber and stone are preferred. Textured or corrugated metal or cement fibre-board may be acceptable accent materials in combination with predominantly natural materials. Vinyl siding, flat metal siding, plain concrete block, unfinished cement and unfinished plywood are discouraged.
22. Materials should be reused and recycled where possible for the redevelopment of buildings and structures.

23. Where trim is used on the exterior surface of buildings, wood is preferred.
24. Garage doors should, where possible, not face public roadways. If this is impractical, garage doors widths should be minimized and not exceed 50% of the width of the building.
25. Roof materials should be non-combustible and non- reflective. Metal roofs will have a matte finish.
26. Rooftop mechanical equipment should be incorporated into the building envelope and hidden from view; chimneys should be boxed-in and exposed flues are discouraged.
27. New buildings and structures should be compatible in form, character, exterior design and finish with existing historic buildings or structures. This does not imply that buildings need to be designed to look “old” but should, rather, be in harmony with historic buildings or structures.

**LANDSCAPING:**

28. A landscape plan prepared by a member of the BCSCLA (BC Society of Landscape Architects) or BCNTA (BC Nursery Trades Association) in accordance with BCSCLA or BCNTA standards shall be submitted to the CVRD in support of the development permit application.
29. A minimum landscaped buffer of 3 m, including a mix of shrubs and trees suited to local conditions, should be provided for development adjacent to the Trans-Canada Highway or frontage roads running parallel to the Trans-Canada Highway.
30. Landscaped berms should be used as a visual and noise barrier separating differing uses and public roadways. Berms should not exceed 1.5 m in height.
31. Landscaping shall be integrated with the development to create a seamless transition with the natural environment.
32. Native plants are preferred to non-native varieties as they are adapted to regional climatic and soil conditions. Gardening with Native Plants, prepared by the Habitat Acquisition Trust, should be used to guide plant selection.
33. To replicate natural “layered” plant communities and encourage biodiversity, a mixture of native deciduous and evergreen species of varying ages and heights should be planted. Smaller shrubs, perennials and groundcovers should be planted beneath taller trees and shrubs.
34. All plants will be planted in a good quality topsoil mix of a type and amount recommended by the BCSLA or BCNTA.
35. All landscaping will be provided with a method of irrigation suitable to ensure the continued maintenance of planted materials.
36. Landscaping will occur in accordance with the plan, described above, and be installed under the supervision of a member of the BCSLA or BCNTA.

**SITE DESIGN & CIRCULATION:**

37. Outside storage and display areas, if permitted:
- (i) Will not be located in a front yard;
  - (ii) Will be adequately screened and landscaped;
  - (iii) Will not encroach into required setbacks; and
  - (iv) Will occupy an area not in excess of that of the total area of the principal building(s) on the site.
38. On corner sites, the primary mass of the building should not be placed on an angle to the corner and the principal building entry should be oriented toward adjoining streets. Buildings on corner sites should be sited to:
- (i) Coordinate with adjacent buildings;
  - (ii) Create additional pedestrian space;
  - (iii) Maintain sight lines for vehicles and pedestrians; and
  - (iv) Coordinate with landscaping and pathways.
39. Spaces between buildings should be designed for an identified use (e.g. native landscaping, recreation, outdoor seating, or food production) to provide amenity space for users of the development.
40. Development should be designed to promote personal and public safety, including appropriate lighting and clear sightlines for pedestrians through the use of Crime Prevention Through Environmental Design (CPTED) criteria. BC Housing's Design and Construction Standards for CPTED and performance standards checklist should be used as a guide.
41. Landscaped pedestrian walkways should be provided to connect buildings with parking areas, pathways, and adjoining lands.
42. Walkways should be accessible to persons with disabilities, bicycles, scooters and strollers, with even, non-slip surfaces and grades less than 5%.
43. Roadside pathways should be constructed across public road frontages. Where approved by the Ministry of Transportation and Infrastructure, the pathway may be within the road allowance.
44. Siting of pedestrian pathways along property lines that abut neighbouring private properties, should be avoided unless sufficient landscaped buffers are provided to prevent privacy and noise impacts.

**ACCESS, PARKING & STORAGE:**

45. Direct vehicular access to the Trans-Canada Highway is not supported.
46. Vehicular access driveways should be combined wherever possible to minimize impervious surfaces.

47. Drainage from all impervious surfaces and areas where vehicles are parked should be directed through an appropriately sized and engineered sedimentation, oil, water and grease separator or other engineered solution, designed by a Professional Engineer to the satisfaction of the CVRD. The Professional Engineer should recommend an appropriate maintenance schedule, which should be included as a condition of the development permit.
48. Internal roadways and drive aisles will be designed to accommodate emergency vehicles.
49. Where appropriate, bus shelters, pullouts and turnaround areas should be incorporated into the site to facilitate alternative modes of transportation.
50. Parking, storage, solid waste and recycling, and service areas should be located in the least visible area of the site, screened from public view and public roadways by fencing and/or landscape screening, and incorporate low-impact design features. These areas should be setback a minimum of 1 m from a property line and in no case should they be closer than 3 m to a public roadway, in order to accommodate a landscape buffer.
51. Parking areas will be designed to encourage safe pedestrian travel between parking areas, building entrances, outdoor amenity areas, and pedestrian pathways; separation will be provided between parking and pedestrian areas through the use of raised or landscaped features and smooth, level, and even surfaces.
52. Utility wiring should be installed below grade. Overhead wiring is strongly discouraged.
53. New major development requiring four or more parking stalls should include an on-site electrical car charging station and designated bicycle parking.

**EXTERIOR LIGHTING:**

54. An exterior lighting plan will be submitted, indicating how building entrances, roadways, servicing and parking areas, outdoor amenity areas, and pedestrian walkways will be illuminated.
55. Exterior lighting will enhance the overall architectural, heritage and design character of development with true colour rendition, while preserving the ability to view the night sky. Special attention will be paid to coordinating lighting with adjacent properties to maintain even light levels and avoid harsh transitions from over-lit to unlit spaces.
56. Exterior lighting will be designed for pedestrian safety and comfort, without causing excessive illumination of the night sky, glare or light trespass onto adjacent properties and roadways.
57. Exterior lighting will be fully shielded to direct light below the horizontal plane towards the ground.
58. Post-mounted or wall mounted fixtures should be kept to the minimum possible height.
59. Energy-efficient (i.e. solar powered, timer or sensor controlled) light fixtures should be used for the illumination of exterior walkways, driveways, entryways and general exterior

lighting.

#### **SIGNAGE:**

60. Signs should complement and be coordinated with overall site and building design in terms of location, scale, materials, finishes and colours.
61. Sign materials should be durable and weather-resistant. Natural materials including wood and stone are preferred. Plastic and vinyl are generally unacceptable.
62. Signs will be kept to the minimum size and number needed to inform and direct pedestrian and vehicular traffic.
63. Individual mounted, raised or recessed letters, symbols, border and framing are encouraged.
64. Signs should be low profile, kept to pedestrian level and in no case should exceed 5 m in height.
65. Freestanding signs should be mounted on a heavy stone or exposed aggregate base and/or framed with heavy timber rather than post-mounted. Where lighting is included, it should be fully-shielded and directed to illuminate the sign only. Freestanding signs should incorporate decorative landscaping to enhance the quality of development.
66. Multiple freestanding signs should be consolidated into a multi-tenant sign located at the main driveway entrance.
67. Sign lighting should be minimized and directed at the sign only, to prevent excessive illumination, glare and light trespass.
68. Flashing signs or signs incorporating scrolling LED lighting or strip lighting are discouraged because they detract from the rural aesthetic character, contribute to light pollution and pose a risk to public and vehicular safety.
69. Mounting hardware and wiring shall be concealed.
70. Interpretative signage and plaques to commemorate heritage sites, buildings and features, are encouraged.

#### **11.5 Exemptions**

A Development Permit is not required for any of the following:

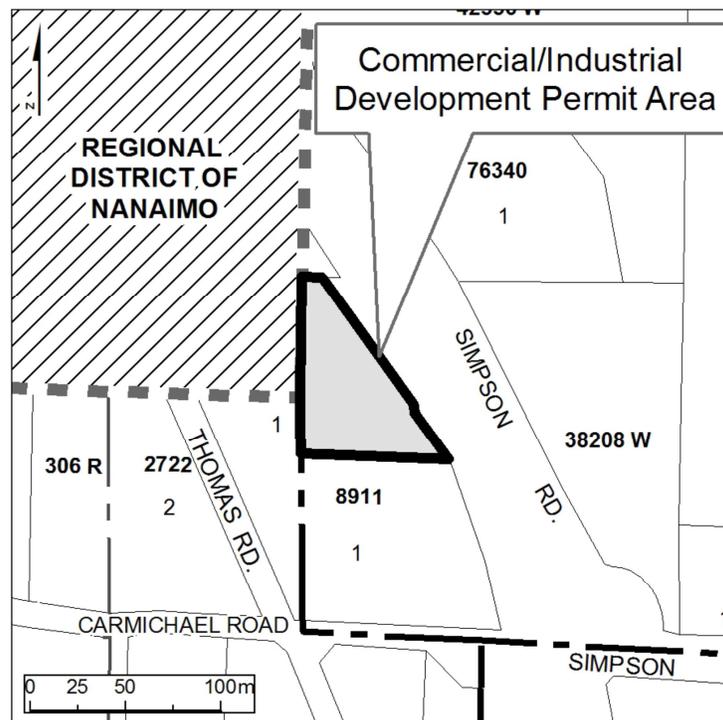
1. Subdivision of land;
2. Interior renovations to existing buildings;
3. Changes to the text or message on an existing sign allowed by a previous Development Permit, provided that the net illuminated area is equal or less than what was previously approved;
4. Minor exterior renovations and additions that do not exceed 50 m<sup>2</sup>; and
5. Single family dwellings and residential accessory buildings.

## 11.6 Application Requirements

In support of the Development Permit application, professional drawings and reports shall be submitted to the CVRD in order to determine compliance with the Commercial/Industrial Development Permit Area guidelines including:

1. Site plan showing all proposed building locations, setbacks, parking areas, amenity areas, and significant natural features;
  2. Landscape Plan prepared by a member of the BCSCLA (BC Society of Landscape Architects) or BCNTA (BC Nursery Trades Association) in accordance with BCSCLA or BCNTA standards;
  3. Rainwater Management Plan prepared by a registered professional with relevant civil, geotechnical, and hydrological engineering experience;
  4. Building elevations and cross-sections including a detailed materials list;
  5. Lighting plan; and
  6. Signage plan, indicating size and type of sign, colours and lighting detail.
2. That (The South 10 Chains of the West 10 Chains of District Lot 9 Oyster District Except Part in Plan 8911 and Except That Part Lying To The East of the Easterly Boundary of Plan 1157 RW and Except Part in Plan 50653 (PID: 008-477-043), as shown outlined in a solid black line on Plan number Z-4141 attached hereto and forming Schedule B of this bylaw, be redesignated from Suburban Residential (S) to Commercial (C); and that Schedule B to Official Community Plan Bylaw No. 1497 be amended accordingly.
  3. That new Figure 12 be amended to add new map, "Commercial/Industrial Development Permit Area", and subsequent Figures be re-numbered.

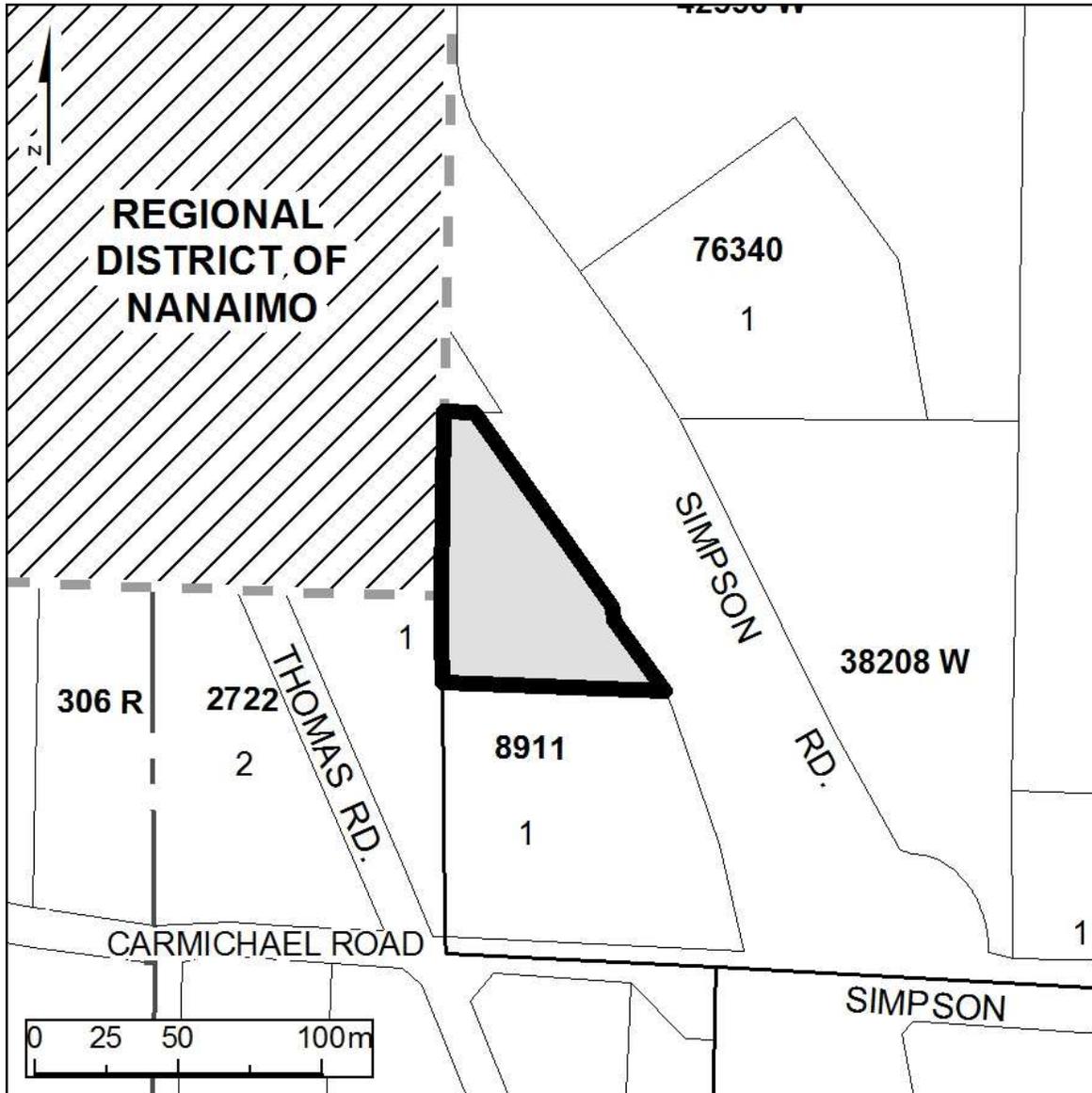
**FIGURE 12**



PLAN NO.           Z-4141          

SCHEDULE "B" TO PLAN AMENDMENT BYLAW NO.  
OF THE COWICHAN VALLEY REGIONAL DISTRICT

          4141          



THE AREA OUTLINED IN A SOLID BLACK LINE IS REDESIGNATED FROM

          Suburban Residential (S)           TO

          Commercial (C)           APPLICABLE

TO ELECTORAL AREA           H





## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4141

#### A Bylaw for the Purpose of Amending Official Community Plan Bylaw No. 1497, Applicable to Electoral Area H – North Oyster/Diamond

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

**AND WHEREAS** the Regional District has adopted an official community plan bylaw for Electoral Area H – North Oyster/Diamond, that being Official Community Plan Bylaw No. 1497;

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

**AND WHEREAS** after the close of the public hearing and with due regard to the reports received, the Regional Board considers it advisable to amend Community Plan Bylaw No. 1497;

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

1. **CITATION**

This bylaw shall be cited for all purposes as "**CVRD Bylaw No. 4141 – Area H – North Oyster/Diamond Official Community Plan Amendment Bylaw (PID: 008-477-043), 2017**".

2. **AMENDMENTS**

Cowichan Valley Regional District Official Community Plan Bylaw No. 1497, as amended from time to time, is hereby amended as outlined on the attached Schedule A.

3. **CAPITAL EXPENDITURE PROGRAM**

This bylaw has been examined in light of the most recent Capital Expenditure Program and Solid Waste Management Plan of the Cowichan Valley Regional District and is consistent therewith.

.../2

**4. FORCE AND EFFECT**

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

READ A FIRST TIME this     23<sup>rd</sup> day of     August ,     2017.  
READ A SECOND TIME this     23<sup>rd</sup> day of     August ,     2017.  
READ A THIRD TIME this     29th day of     November ,     2017.  
ADOPTED this                            day of                        ,     2017.

\_\_\_\_\_  
Chairperson

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

**SCHEDULE "A"****To CVRD Bylaw No. 4141**

---

Schedule A to Official Community Plan Bylaw No. 1497, is hereby amended as follows:

1. That new "Part 11 – Policies: Commercial/Industrial Development Permit Area" be inserted, and subsequent Parts re-numbered.

**Part 11 – Commercial/Industrial Development Permit Area****11.1 Category**

The Commercial/Industrial Development Permit Area (DPA) is designated pursuant to Section 488 of the *Local Government Act* for the establishment of objectives for the form and character of commercial and industrial development.

**11.2 Scope**

The Commercial/Industrial DPA applies to land designated on Figure 12, "Commercial/Industrial Development Permit Area Map".

**11.3 Justification**

The North Oyster/Diamond community's rural character is influenced by the agricultural and rural landscape. The design of any commercial/industrial developments should be in keeping with the community's expectations for visual quality, and should be appropriately screened and landscaped so that it is compatible with surrounding land uses.

The OCP aims to ensure that the integrity of surface water and groundwater is protected from inappropriate development in areas where land uses may directly impact surface and groundwater resources.

The Commercial/Industrial DPA provides guidelines to ensure that development reflects the community's rural character, complements the natural environment and natural processes, and is safe for intended uses.

**11.4 Guidelines**

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**GENERAL:**

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5. Buildings should incorporate design elements, materials and colours that enhance the neighbourhood, rural landscape and environment.
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**SITE DESIGN & CIRCULATION:**

37. Outside storage and display areas, if permitted:
- (i) Will not be located in a front yard;
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43. Roadside pathways should be constructed across public road frontages. Where approved by the Ministry of Transportation and Infrastructure, the pathway may be within the road allowance.
44. Siting of pedestrian pathways along property lines that abut neighbouring private properties, should be avoided unless sufficient landscaped buffers are provided to prevent privacy and noise impacts.

**ACCESS, PARKING & STORAGE:**

45. Direct vehicular access to the Trans-Canada Highway is not supported.
46. Vehicular access driveways should be combined wherever possible to minimize impervious surfaces.

47. Drainage from all impervious surfaces and areas where vehicles are parked should be directed through an appropriately sized and engineered sedimentation, oil, water and grease separator or other engineered solution, designed by a Professional Engineer to the satisfaction of the CVRD. The Professional Engineer should recommend an appropriate maintenance schedule, which should be included as a condition of the development permit.
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50. Parking, storage, solid waste and recycling, and service areas should be located in the least visible area of the site, screened from public view and public roadways by fencing and/or landscape screening, and incorporate low-impact design features. These areas should be setback a minimum of 1 m from a property line and in no case should they be closer than 3 m to a public roadway, in order to accommodate a landscape buffer.
51. Parking areas will be designed to encourage safe pedestrian travel between parking areas, building entrances, outdoor amenity areas, and pedestrian pathways; separation will be provided between parking and pedestrian areas through the use of raised or landscaped features and smooth, level, and even surfaces.
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**EXTERIOR LIGHTING:**

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57. Exterior lighting will be fully shielded to direct light below the horizontal plane towards the ground.
58. Post-mounted or wall mounted fixtures should be kept to the minimum possible height.
59. Energy-efficient (i.e. solar powered, timer or sensor controlled) light fixtures should be used for the illumination of exterior walkways, driveways, entryways and general exterior

lighting.

#### **SIGNAGE:**

60. Signs should complement and be coordinated with overall site and building design in terms of location, scale, materials, finishes and colours.
61. Sign materials should be durable and weather-resistant. Natural materials including wood and stone are preferred. Plastic and vinyl are generally unacceptable.
62. Signs will be kept to the minimum size and number needed to inform and direct pedestrian and vehicular traffic.
63. Individual mounted, raised or recessed letters, symbols, border and framing are encouraged.
64. Signs should be low profile, kept to pedestrian level and in no case should exceed 5 m in height.
65. Freestanding signs should be mounted on a heavy stone or exposed aggregate base and/or framed with heavy timber rather than post-mounted. Where lighting is included, it should be fully-shielded and directed to illuminate the sign only. Freestanding signs should incorporate decorative landscaping to enhance the quality of development.
66. Multiple freestanding signs should be consolidated into a multi-tenant sign located at the main driveway entrance.
67. Sign lighting should be minimized and directed at the sign only, to prevent excessive illumination, glare and light trespass.
68. Flashing signs or signs incorporating scrolling LED lighting or strip lighting are discouraged because they detract from the rural aesthetic character, contribute to light pollution and pose a risk to public and vehicular safety.
69. Mounting hardware and wiring shall be concealed.
70. Interpretative signage and plaques to commemorate heritage sites, buildings and features, are encouraged.

#### **11.5 Exemptions**

A Development Permit is not required for any of the following:

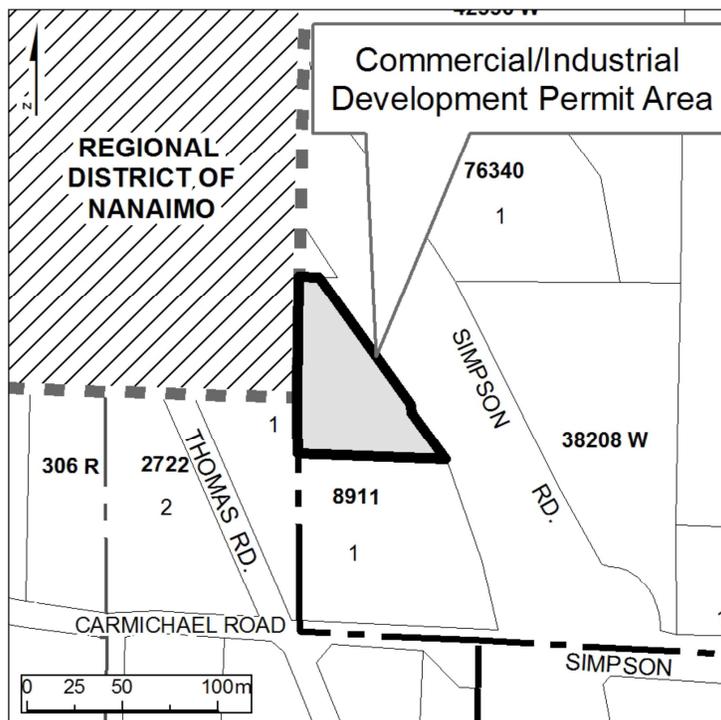
1. Subdivision of land;
2. Interior renovations to existing buildings;
3. Changes to the text or message on an existing sign allowed by a previous Development Permit, provided that the net illuminated area is equal or less than what was previously approved;
4. Minor exterior renovations and additions that do not exceed 50 m<sup>2</sup>; and
5. Single family dwellings and residential accessory buildings.

**11.6 Application Requirements**

In support of the Development Permit application, professional drawings and reports shall be submitted to the CVRD in order to determine compliance with the Commercial/Industrial Development Permit Area guidelines including:

1. Site plan showing all proposed building locations, setbacks, parking areas, amenity areas, and significant natural features;
  2. Landscape Plan prepared by a member of the BCSCLA (BC Society of Landscape Architects) or BCNTA (BC Nursery Trades Association) in accordance with BCSCLA or BCNTA standards;
  3. Rainwater Management Plan prepared by a registered professional with relevant civil, geotechnical, and hydrological engineering experience;
  4. Building elevations and cross-sections including a detailed materials list;
  5. Lighting plan; and
  6. Signage plan, indicating size and type of sign, colours and lighting detail.
2. That (The South 10 Chains of the West 10 Chains of District Lot 9 Oyster District Except Part in Plan 8911 and Except That Part Lying To The East of the Easterly Boundary of Plan 1157 RW and Except Part in Plan 50653 (PID: 008-477-043), as shown outlined in a solid black line on Plan number Z-4141 attached hereto and forming Schedule B of this bylaw, be redesignated from Suburban Residential (S) to Commercial (C); and that Schedule B to Official Community Plan Bylaw No. 1497 be amended accordingly.
  3. That new Figure 12 be amended to add new map, "Commercial/Industrial Development Permit Area", and subsequent Figures be re-numbered.

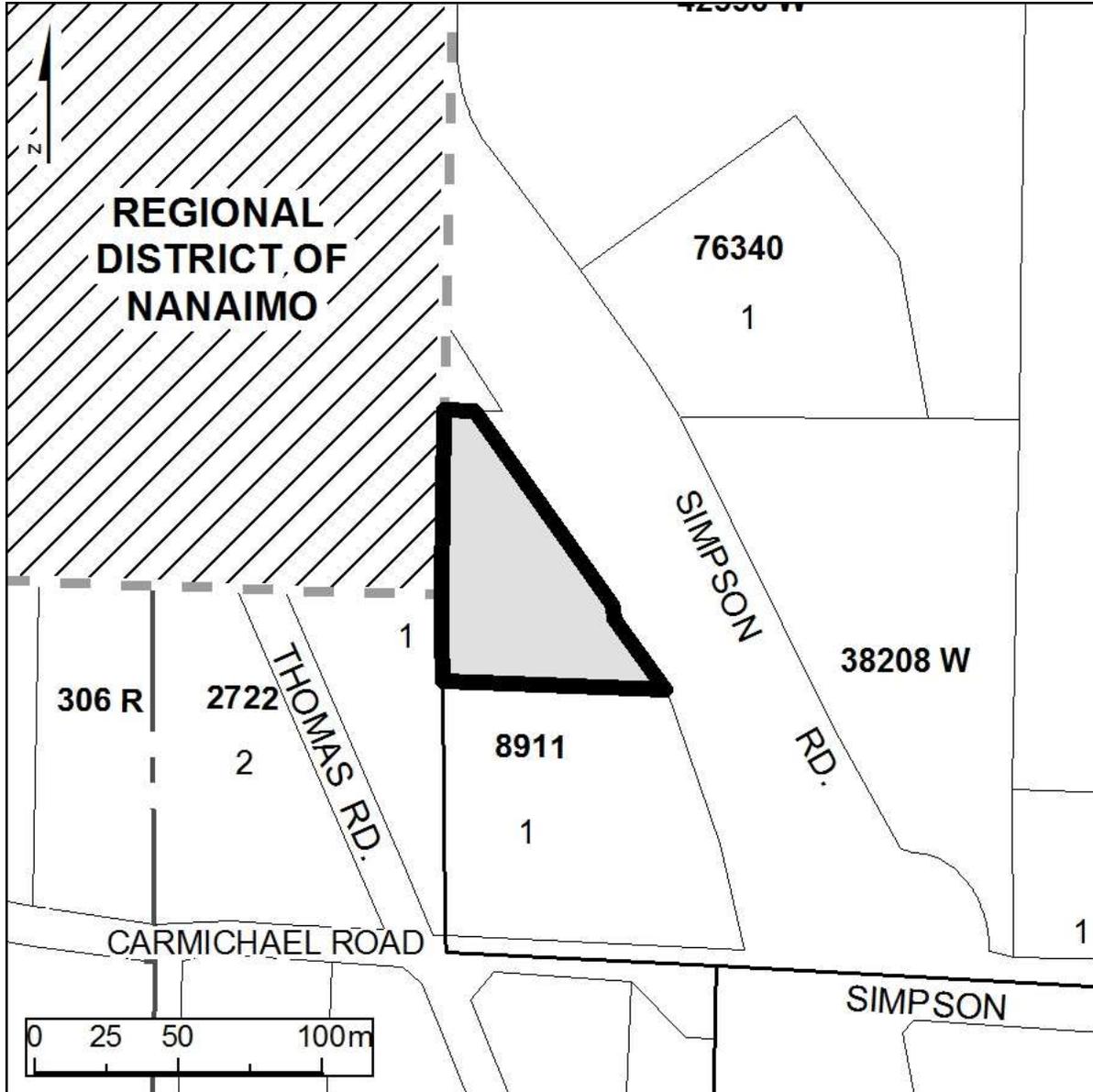
**FIGURE 12**



PLAN NO.           Z-4142          

SCHEDULE "A" TO ZONING AMENDMENT BYLAW NO.  
OF THE COWICHAN VALLEY REGIONAL DISTRICT

          4142          



THE AREA OUTLINED IN A SOLID BLACK LINE IS REZONED FROM

          R-2 (Suburban Residential)           TO

          C-2A (Local Commercial A Zone)           APPLICABLE

TO ELECTORAL AREA           H





## COWICHAN VALLEY REGIONAL DISTRICT

### BYLAW No. 4154

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

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

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

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

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

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

#### 1. CITATION

This bylaw shall be cited for all purposes as "**CVRD Bylaw No. 4154 – Electoral Areas A & C – South Cowichan Zoning Amendment Bylaw (PID: 024-611-859), 2017**".

#### 2. AMENDMENTS

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

The following is added to the list of permitted accessory uses in Section 9.1 – Agricultural Resource 1 Zone:

- j. *‘Secondary dwelling units in areas upon land which a secondary dwelling unit was legally authorized at the date of December 11, 2013.’*

.../2

**3. FORCE AND EFFECT**

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

READ A FIRST TIME this 29<sup>th</sup> day of November, 2017.

READ A SECOND TIME this 29<sup>th</sup> day of November, 2017.

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

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

\_\_\_\_\_  
Chairperson

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



# STAFF REPORT TO THE BOARD

**DATE OF REPORT** January 23, 2018  
**MEETING TYPE & DATE** Board Meeting of January 24, 2018  
**FROM:** Cowichan Lake Recreation Division  
 Community Services Department  
**SUBJECT:** 2018 Budget Amendment, Function 405 – Cowichan Lake Recreation  
**FILE:**

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## PURPOSE/INTRODUCTION

The purpose of this report is to present the 2018 Budget Amendments required for Cowichan Lake Recreation (CLR).

## RECOMMENDED RESOLUTION

That the 2018 budget for function 405 – Cowichan Lake Recreation, be amended to increase Capital - Equipment by \$5,000 and increase transfer from Operating Reserve by \$5,000.

## BACKGROUND

A file server stores all of our files and data. CLR's file server was installed during the arena renovation in late 2010. It was in the plan to replace the file server in 2019 however; the server ceased working the first week of January of 2018.

Currently, IT has hooked up a laptop to act as a temporary server which is a short term solution that does not safely meet the needs of our recreation function.

## ANALYSIS

The purchase of a new server is considered to be an emergency that is time sensitive in nature. There are no other solutions. This is a capital project that cannot be funded with existing operating funds.

A new server has been ordered and will be installed as soon as it arrives.

## FINANCIAL CONSIDERATIONS

The IT Division was able to change the architecture related to the installation of the server so they can source out a less expensive option. The cost of the new server will be approximately \$5,000. The IT Division has received two quotes on the replacement item. They are confident that \$5,000 will cover the costs of replacing this item.

The current uncommitted operating reserve fund balance is \$97,049.

## COMMUNICATION CONSIDERATIONS

N/A

## STRATEGIC/BUSINESS PLAN CONSIDERATIONS

N/A

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Referred to (upon completion):

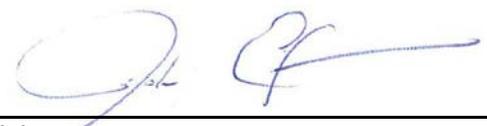
- Community Services (*Island Savings Centre, Cowichan Lake Recreation, South Cowichan Recreation, Arts & Culture, Public Safety, Facilities & Transit*)
- Corporate Services (*Finance, Human Resources, Legislative Services, Information Technology, Procurement*)
- Engineering Services (*Environmental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

Prepared by:

Reviewed by:

  
 \_\_\_\_\_  
 Linda Blatchford  
 Manager

\_\_\_\_\_  
 Not Applicable  
 Not Applicable

  
 \_\_\_\_\_  
 John Elzinga  
 General Manager

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

Chief Administrative Officer's Comments / Concurrence

  
 \_\_\_\_\_  
 Mark Kueber, CPA, CGA  
 A/CAO