



Alberni-Clayoquot Regional District

BOARD OF DIRECTORS MEETING

WEDNESDAY, JUNE 14, 2017, 1:30 pm

Uchucklesaht Tribe Government Office, 5251 Argyle Street, Port Alberni, BC

AGENDA

	PAGE #
1. <u>CALL TO ORDER</u>	
Recognition of Traditional Territories.	
2. <u>REMEMBRANCE</u> In Memory of Jim Levis, Area "A" (Bamfield) Director – December 1996-November 2005	
3. <u>APPROVAL OF AGENDA</u> <i>(motion to approve, including late items requires 2/3 majority vote)</i>	
4. <u>DECLARATIONS</u> <i>(conflict of interest or gifts exceeding \$250 in value as per section 106 of the Local Government Act)</i>	
5. <u>ADOPTION OF MINUTES</u>	
a. Board of Directors Meeting – May 24, 2017	8-17
<i>THAT the minutes of the Board of Directors meeting held on May 24, 2017 be adopted.</i>	
b. Electoral Area Directors Committee Meeting – May 23, 2017	18-20
<i>THAT the minutes of the Electoral Area Directors Committee meeting held on May 23, 2017 be adopted.</i>	
c. Alberni Valley Emergency Planning Policy Group Minutes – May 25, 2017	21-24
<i>THAT the notes of the Alberni Valley Emergency Planning Policy Group meeting held on May 25, 2017 be received.</i>	
d. Alberni-Clayoquot Regional Fisheries Resource Committee Meeting – May 30, 2017	25-31
<i>THAT the minutes of the Alberni-Clayoquot Regional Fisheries Resource Committee meeting held on May 30, 2017 be adopted.</i>	

- e. **Beaver Creek Water Advisory Committee Meeting – June 7, 2017** **32-34**

THAT the minutes of the Beaver Creek Water Advisory Committee meeting held on June 7, 2017 be adopted.

6. **PETITIONS, DELEGATIONS & PRESENTATIONS (10 minute maximum)**

- a. **Ms. Marcie DeWitt, Coordinator, Alberni-Clayoquot Health Network regarding Poverty Protocol Presentation** **35-52**
- b. **Mr. Nick Clark, Resident, regarding Development Variance Permit DVE17005**

7. **CORRESPONDENCE FOR ACTION**

- a. **REQUEST FOR PRESENTATION** **53-75**
Correspondence from the Medical Health Officer, dated May 29, 2017 regarding the 2015 Local Health Profile.

Possible Motion:

THAT the Board of Directors invite to Dr. Hasselback to present the updated information regarding the 2015 Local Health Profile.

8. **CORRESPONDENCE FOR INFORMATION**

- a. **ASSOCIATION OF VANCOUVER ISLAND AND COASTAL COMMUNITIES**
2017 Convention Update & 2017 Resolutions Disposition **76-97**
Healthy Communities Open Space Workshop **98-105**
Softwood Lumber Trade Update **106-117**
- b. **BC ASSESSMENT** **118**
UBCM 2017 Convention – BC Assessment Meeting Invitation
- c. **UNION OF BRITISH COLUMBIA MUNICIPALITIES** **119-121**
2016 Resolutions
- d. **INDIGENOUS AND NORTHERN AFFAIRS CANADA** **122-123**
Car Ferry Service Between the Coastal Communities of Port Alberni, Bamfield and Ucluelet
- e. **VANCOUVER ISLAND REGIONAL LIBRARY** **124-130**
From the Board Table
- f. **CANADIAN WOOD COUNCIL** **131-133**
Newsletter
- g. **ISLAND COASTAL ECONOMIC TRUST** **134-135**
Mobile Visitor Centre will Bring Tourist Info to Lake Cowichan Events
- h. **VANCOUVER ISLAND RECYCLING AND WASTE INDUSTRY COALITION** **136**
Request to Ban Clean Wood Waste

THAT the Board of Directors receive items a-h for information.

9. REQUEST FOR DECISIONS & BYLAWS

- a. **REQUEST FOR DECISION** **137-169**
Finance Warrant No. 577

THAT the Board of Directors approve Finance Warrant Number 577 in the amount of \$1,209,941.08 dated May 31,2017.

- b. **REQUEST FOR DECISION** **170**
Pacific Salmon Treaty Negotiations

THAT the Board of Directors forward a letter to the Canadian Commissioners negotiating the Pacific Salmon Treaty with the U.S. advising that the Alberni-Clayoquot Regional District does not wish to see any further Chinook reduction on the West Coast of Vancouver Island.

- c. **REQUEST FOR DECISION** **171**
Invasive Species – Bullfrogs and Koi in Sproat Lake

THAT the Board of Directors forward a letter to the Provincial and Federal Governments advising of the Regional District’s environmental concerns with respect to invasive species in Sproat Lake and asking if there has been any environmental impact studies done with regards to Bullfrogs and Koi in the Sproat Lake Watershed given how important Sproat Lake is to Sockeye rearing.

- d. **REQUEST FOR DECISION** **172**
Western Canada Marine Spill Response

THAT the Board of Directors forward a letter to the Minister of Fisheries and Oceans and the Canadian Coast Guard copied to the Western Canada Marine Response Corporation requesting that Marine Spill Response funding not be based on the approval of the Kinder Morgan project proposal.

- e. **REQUEST FOR DECISION** **173-174**
Beaver Creek Community Club – Community Works Fund Contribution Amendment

THAT the Alberni-Clayoquot Regional District (ACRD) Board of Directors approve the Letter of Understanding with the Beaver Creek Community Club to increase the amount of Community Works Funding from \$40,000 to \$50,000 for the purpose of upgrading recreational infrastructure at the Beaver Creek Community Hall.

f. REQUEST FOR DECISION

Community Works Fund – Cherry Creek Waterworks District

THAT the Alberni-Clayoquot Regional District Board of Directors approve the Cherry Creek Waterworks District request for \$625,000 of Community Works Funding for the replacement of aging water mainline pipe and direct staff to amend the 2017-2021 Financial Plan to reflect the project.

THAT the Alberni-Clayoquot Regional District Board of Directors recommend that staff prepare a cooperation agreement between the Alberni-Clayoquot Regional District and the Cherry Creek Waterworks District for sharing information on Cherry Creek Water infrastructure upgrades.

THAT the Alberni-Clayoquot Regional District Board of Directors direct staff to draft a Contribution Agreement with the Cherry Creek Waterworks District upon receipt of a detailed project plan including:

- a) Objectives of project*
- b) Project impacts and outcomes*
- c) Project timeline*
- d) Financial plan containing a Class ‘C’ estimate*
- e) Source of additional funds (if necessary)*

g. REQUEST FOR DECISION

Beaver Creek Water System Infrastructure Assessment - 2017

179-220

THAT the Board of Directors adopt the Beaver Creek Water System Infrastructure Assessment (2017) report and use the information to design the Asset Management plan for the service area.

h. REQUEST FOR DECISION

West Coast Landfill (WCLF) – Rate changes & cardboard disposal ban

221-231

THAT the Alberni-Clayoquot Regional District Board of Directors give first reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors give second reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors give third reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors adopt Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

- i. **REQUEST FOR DECISION** **232-233**
Vehicle Purchase

THAT the Regional District Board of Directors authorize the purchase of a 2011 Dodge 4x4 (\$18,700 plus GST & PST) from Nexcar that was presented to the Regional District through an RFQ process.

10. PLANNING MATTERS

10.1 ELECTORAL AREA DIRECTORS ONLY

- a. **DVE17005, STRUC HOLDINGS LTD, PARCEL G ARVAY ROAD (BEAVER CREEK)** **234-240**
Development Variance Permit Application – Memorandum and Permit

THAT the Board of Directors issue development variance permit DVE17005.

- b. **RF16002, BROWN, 3745 MOUNTAIN VIEW ROAD (CHERRY CREEK)** **241-243**
Rezoning Application – Memorandum and Bylaw P1343

THAT Regional District of Alberni-Clayoquot Zoning Atlas Amendment Bylaw P1343 be adopted.

- c. **DVF16012, BROWN, 3745 MOUNTAIN VIEW ROAD (CHERRY CREEK)** **244-245**
Development Variance Permit Application – Memorandum and Permit

THAT the Board of Directors issue development variance permit DVF16012.

11. REPORTS

11.1 STAFF REPORTS

- a. Administration Department Monthly Staff Report – June 9, 2017 **246-248**
- b. Planning & Development Manager Report – June 9, 2017 **249-250**
- c. Financial Manager Report – June 6, 2017 **251**
- d. Environmental Services Report – June 9, 2017 **252-256**
- e. Staff Action Items Report – June 8, 2017 **257-259**
- f. Climate Action Revenue Incentive (CARIP) Public Report for 2016 **260-270**

THAT the Board of Directors receives the Staff Reports a-f.

11.2 COMMITTEE REPORTS

- a. **West Coast Committee Meeting – June 14, 2017 - D. St. Jacques (verbal)**
- b. **Alberni-Clayoquot Transportation Committee – J. McLeman (verbal)**

THAT verbal reports a-b be received.

c. 2017 Advisory Planning Commission Appointments

i. Beaufort

THAT the following individuals be appointed to the Beaufort Advisory Planning Commission for a two-year term:

Brian Thompson, Linda Thompson, John Adams, Claude Lessard

11.3 OTHER REPORTS

a. Air Quality Council Meeting Minutes of May 11, 2017 271-277

THAT this report be received.

12. UNFINISHED BUSINESS

a. Ministry of Environment 278-280
Open Burning Smoke Control Regulation
(Motion postponed from May 24, 2017 Board Meeting)

THAT the Alberni-Clayoquot Regional District Board of Directors forward a letter to the Provincial Government supporting the proposed new legislation on open burning.

13. LATE BUSINESS

14. QUESTION PERIOD

15. RECESS

Motion to recess the Regular Board of Directors Meeting in order to conduct the Regional Hospital District Meeting.

16. RECOVENE

17. IN CAMERA

Motion to close the meeting to the public as per section

- i. 90 (1) (g) of the Community Charter: Litigation or potential litigation affecting the Regional District.*

18. RECOMMENDATIONS TO THE BOARD FROM IN-CAMERA

19. ADJOURN

**Next Board of Directors Meeting: Wednesday, June 28, 2017, 1:30 pm
Regional District Board Room**



Alberni-Clayoquot Regional District

MINUTES OF THE BOARD OF DIRECTORS MEETING

HELD ON WEDNESDAY MAY 24, 2017, 1:30 PM

Regional District Board Room, 3008 Fifth Avenue, Port Alberni, BC

DIRECTORS

PRESENT:

John Jack, Chairperson, Councillor, Huu-ay-aht First Nation
Keith Wyton, Director, Electoral Area "A" (Bamfield)
Mike Kokura, Director, Electoral Area "B" (Beaufort)
Tony Bennett, Director, Electoral Area "C" (Long Beach)
Penny Cote, Director, Electoral Area "D" (Sproat Lake)
John McNabb, Director, Electoral Area "E" (Beaver Creek)
Lucas Banton, Director, Electoral Area "F" (Cherry Creek)
Mike Ruttan, Mayor, City of Port Alberni
Jack McLeman, Councillor, City of Port Alberni
Alan McCarthy, Member of Legislature, Yuułu?it?ath Government
Kirsten Johnsen, Member of Council, Toquaht Nation
Marilyn McEwen, Councillor, District of Ucluelet (Alternate)

REGRETS:

Wilfred Cootes, Councillor, Uchucklesaht Tribe Government
Dianne St. Jacques, Mayor, District of Ucluelet
Josie Osborne, Vice-Chairperson, Mayor, District of Tofino

STAFF PRESENT:

Wendy Thomson, Acting Chief Administrative Officer
Andrew McGifford, Manager of Environmental Services
Teri Fong, Manager of Finance
Mike Irg, Manager of Planning and Development
Janice Hill, Acting Manager of Administrative Services

1. CALL TO ORDER

The Chairperson called the meeting to order at 1:30 pm.

The Chairperson recognized the meeting this afternoon is being held in the Tseshaht First Nation and the Hupacasath First Nation Traditional Territories.

2. APPROVAL OF AGENDA

MOVED: Director Kokura

SECONDED: Director Cote

THAT the agenda be approved as circulated with the addition of the following late item:

9.1c Submissions re TUP17010, POWELL,3133 ALBERNI HIGHWAY (CHERRY CREEK)

CARRIED

3. DECLARATIONS

4. ADOPTION OF MINUTES

a. Board of Directors Meeting – May 10, 2017

MOVED: Director Bennett

SECONDED: Director McCarthy

THAT the minutes of the Board of Directors meeting held on May 10, 2017 be adopted.

CARRIED

b. Salmon Beach Committee Meeting – May 4, 2017

MOVED: Director Bennett

SECONDED: Director Cote

THAT the minutes of the Salmon Beach meeting held on May 4, 2017 be adopted.

CARRIED

c. Alberni Valley & Bamfield Services Committee Meeting – May 17, 2017.

MOVED: Director Cote

SECONDED: Director Banton

THAT the minutes of the Alberni Valley & Bamfield Services Committee meeting held on May 17, 2017 be adopted.

CARRIED

5. PETITIONS, DELEGATIONS & PRESENTATIONS

a. Blain Wiggins, Amy Poll, BC Emergency Health Services re: Emergency Health Services for Bamfield.

BC Emergency Health Service representatives, Blain Wiggins and Amy Poll, provided an update on emergency health services for Bamfield. They recognize there are service gaps in their ability to expedite cases in Bamfield and the issues with the landing pad. They are currently identifying opportunities and resources required to improve the services in Bamfield. They will provide the ACRD regular updates as they proceed.

b. Don Hare, Executive Director, Coastal Invasive Species Committee re: “Knot On My Property” program.

Don Hare provided a presentation on the Coastal Invasive Species Committee's invasive plant management strategy, which includes the "Knot on My Property" program, for knotweed and giant hogweed management. The program contains education and outreach components, and treatment, monitoring and program management components. The program is available for adoption by Regional Districts. ACRD has approximately 94 identified sites. The ACRD would need to provide funding to participate in the program. The Manager of Finance will follow up on how other regional districts categorize this service and provide options on how the ACRD could support the program.

6. CORRESPONDENCE FOR ACTION

- a. **Correspondence dated May 18, 2017 from Surfrider Pacific Rim regarding a request for a letter of support for their application to the BC Rural Dividend Grant program to continue to develop a school curriculum to educate students on proper waste management & recycling.**

MOVED: Director McNabb

SECONDED: Director Bennett

THAT the Board of Directors forward a letter of support to Surfrider Pacific Rim for their application to the BC Rural Dividend Grant program to develop a school curriculum to educate students on proper waste management & recycling.

CARRIED

7. CORRESPONDENCE FOR INFORMATION

- a. **MINISTRY OF ENVIRONMENT**
Open Burning Smoke Control Regulation
Director Wtyon provided details on the Ministry's proposed Open Burning Smoke Control Regulation. The new regulation has not gone to the Provincial Government for approval yet and is still open for comments/input from agencies, organizations and the public.

MOVED: Director McNabb

SECONDED: Director Wtyon

THAT the ACRD Board of Directors send a letter to the Provincial government supporting the proposed new legislation on open burning.

MOVED: Director Bennett

SECONDED: Director Kokura

THAT the above motion be postponed until the June 14, 2017 Board meeting.

CARRIED

- b. SPARC BC**
Access Awareness Day – June 3, 2017
- c. CANADIAN POSTMASTERS AND ASSISTANTS ASSOCIATION**
Closing and Downsizing of Rural Post Offices
- d. OFFICE OF THE OMBUDSPERSON**
Quarterly Reporting Process Changes
- e. ICET**
Gabriola to Embark on Economic Development Strategic Planning
- f. UNION OF BRITISH COLUMBIA MUNICIPALITIES**
Province-Wide Community to Community Forum
- g. PORT ALBERNI RCMP VICTIM SERVICES**
Nation Victims of Crime Awareness Week – Invitation to Attend Empowering Resilience: Honouring Victims and Survivors of Crime
Chairperson Jack agreed to attend the event on behalf of the Board of Directors.

MOVED: Director Kokura
SECONDED: Director McNabb

THAT the Board of Directors receive items a-g for information.

CARRIED

8. REQUEST FOR DECISIONS & BYLAWS

- a. Request for Decision regarding Alberni Valley Landfill Tipping Fee Amendment Bylaw R1027-1.**

MOVED: Director McNabb
SECONDED: Director Kokura

THAT the Alberni-Clayoquot Regional District Board of Directors give first reading to Bylaw R1027-1, Alberni Valley Landfill Tipping Fee and Regulation Amendment Bylaw, 2017.

CARRIED

MOVED: Director Kokura
SECONDED: Director McLeman

THAT the Alberni-Clayoquot Regional District Board of Directors give second reading to Bylaw R1027-1, Alberni Valley Landfill Tipping Fee and Regulation Amendment Bylaw, 2017.

CARRIED

MOVED: Director Wyton
SECONDED: Director Johnsen

THAT the Alberni-Clayoquot Regional District Board of Directors give third reading to Bylaw R1027-1 Alberni Valley Landfill Tipping Fee and Regulation Amendment Bylaw, 2017.

CARRIED

*MOVED: Director McNabb
SECONDED: Director McLeman*

THAT the Alberni-Clayoquot Regional District Board of Directors adopt Bylaw R1027-1, Alberni Valley Landfill Tipping Fee and Regulation Amendment Bylaw, 2017.

CARRIED

Director Banton left meeting at 2:27 pm

b. Request for Decision regarding request from Cherry Creek Fire Department – Automatic Mutual Aid Agreement.

*MOVED: Director McNabb
SECONDED: Director Bennett*

THAT the Alberni-Clayoquot Regional District Board of Directors instruct staff to work with the City of Port Alberni and the Cherry Creek Fire Department on a new Automatic Mutual Aid Agreement and bring back for consideration by the Board of Directors.

Director Ruttan re-entered meeting at 2:28 pm.

CARRIED

c. Request for Decision regarding Alberni Valley Bulldogs Sponsorship Program.

*MOVED: Director Bennett
SECONDED: Director Ruttan*

THAT the Alberni-Clayoquot Regional District Board of Directors approve the Alberni Valley Bulldogs Sponsorship Proposal for the value of \$25,925.00 plus applicable taxes.

CARRIED

Director Banton entered meeting at 2:33 pm.

9. PLANNING MATTERS

**a. DVE17003, HETHERINGTON, 6036 KIRKPATRICK ROAD (BEAVER CREEK)
Development Variance Permit Application – Memorandum and Permit**

*MOVED: Director McNabb
SECONDED: Director Kokura*

THAT the Board of Directors issue development variance permit DVE17003.

CARRIED

- b. DVE17005, STRUC HOLDINGS LTD, PARCEL G ARVAY ROAD (BEAVER CREEK)**
Development Variance Permit Application – Memorandum

MOVED: Director McNabb

SECONDED: Director Kokura

THAT the Board of Directors issue development variance permit DVE17005 with the proposed amendments.

CARRIED

- c. TUP17010, POWELL, 3133 ALBERNI HIGHWAY (CHERRY CREEK)**
Temporary Use Permit Application – Memorandum and Permit

MOVED: Director Banton

SECONDED: Director Bennett

THAT the Board of Directors issue Temporary Use Permit TUP17010 with the added condition that a 5 metre vegetation buffer be maintained on the west and east side of the subject properties

CARRIED

10. REPORTS

10.1 STAFF REPORTS

- a. Staff Action Items Report – May 17, 2017
- b. Meeting Schedule – June 2017
- c. Financial Statement – April 2017

MOVED: Director Kokura

SECONDED: Director Cote

THAT the Board of Directors receives the staff reports a-c.

CARRIED

10.2 COMMITTEE REPORTS

- a. **Electoral Area Directors Meeting – May 23, 2017 – K. Wyton (verbal)**
Director Wyton provided a verbal report from the May 23rd meeting.

MOVED: Director McNabb

SECONDED: Director Kokura

THAT this verbal report be received.

CARRIED

b. 2017 Advisory Planning Commission Appointments

i. Bamfield

MOVED: Director Wyton

SECONDED: Director Kokura

THAT the following individuals be appointed to the Bamfield Advisory Planning Commission for a two-year term:

Max Salamon, Rae Hopkins, Jane Morrison, J.P. Haste

CARRIED

ii. Long Beach

MOVED: Director Bennett

SECONDED: Director McNabb

THAT the following individuals be appointed to the Long Beach Advisory Planning Commission for a two-year term:

Petra Arnold, Nicky Ling, Jim Whitworth, Kel Roberts, Nick Haisch

CARRIED

iii. Sproat Lake

MOVED: Director Cote

SECONDED: Director Ruttan

THAT the following individuals be appointed to the Sproat Lake Advisory Planning Commission for a two-year term:

Joe Van Bergen, Bob Maurice, Joe Lamoureux

CARRIED

iv. Beaver Creek

MOVED: Director McNabb

SECONDED: Director Bennett

THAT the following individuals be appointed to the Beaver Creek Advisory Planning Commission for a two-year term:

Gord Blakely, Patty Edwards

CARRIED

Director Banton left meeting at 2:50 pm.

v. *Cherry Creek*

MOVED: Director McNabb

SECONDED: Director McLeman

THAT the following individuals be appointed to the Cherry Creek Advisory Planning Commission for a two-year term:

John Versteeg, Mike Jones, Bob Vandermolen

CARRIED

10.3 MEMBER REPORTS

- a. **9-1-1 Corporation – J. McNabb**
Director McNabb reported on the increased number of accidental 9-1-1 calls received by 9-1-1 operators. These calls take time away from real emergencies. The 9-1-1 corporation have prepared an educational brochure, for the public on tips to prevent these calls.
- b. **Vancouver Island Regional Library - L. Banton – No report**
Alternate Director McEwan reported that the next meeting VIRL meeting will be held on Saturday, May 27th.
- c. **Central West Coast Forest Society – T. Bennett – No report**
- d. **Alberni Valley Chamber of Commerce – J. McLeman – No report**
- e. **Coastal Communities Network – T. Bennett/D. St. Jacques – No report**
- f. **West Island Woodlands Advisory Group – M. Kokura – No report**
- g. **Island Coastal Economic Trust –J. Jack**
- h. **Air Quality Council, Port Alberni – K. Wyton**
Director Wyton reported that Outdoor Burning information brochures are available in the front office for distribution.
- i. **West Coast Aquatic Board – T. Bennett/K. Wyton – No report**
- j. **Association of Vancouver Island & Coastal Communities – P. Cote – No report**
- k. **Beaver Creek Water Advisory Committee – J. McNabb – No report**
- l. **Other Reports**

MOVED: Director Wyton

SECONDED: Director McLeman

THAT the Board of Directors receive the Member Reports.

CARRIED

11. UNFINISHED BUSINESS

a. MFABC Survey – Socially Responsible Investing – T. Fong (verbal)

MOVED: Director Bennett

SECONDED: Director McLeman

THAT the Board of Directors authorize the Manager of Finance to respond to the MFABC Survey on Socially Responsible Investing on the Board's behalf.

CARRIED

12. LATE BUSINESS

a. **Late Business**

MOVED: Director Ruttan

SECONDED: Director McLeman

THAT the ACRD Board of Directors allow a verbal update from the Manager of Environmental Services on the Alberni Valley Regional Airport.

CARRIED

The Manager of Environmental Services provided an update on the Alberni Valley Regional Airport expansion project.

MOVED: Director Ruttan

SECONDED: Director McLeman

THAT this verbal report be received.

CARRIED

13. QUESTION PERIOD

14. IN-CAMERA

MOVED: Director McNabb

SECONDED: Director Wyton

Motion to close the meeting to the public as per section

- i. *90 (1) (e) of the Community Charter: The acquisition, disposition or expropriation of land or improvements, if the Board considers that disclosure could reasonably be expected to harm the interests of the Regional District; and*
- ii. *90(1) (g) of the Community Charter: Litigation or potential litigation affecting the Regional District.*

CARRIED

The meeting was closed to the public at 3:07 pm.

The meeting was re-opened to the public at 3:39 pm.

15. RECOMMENDATIONS TO THE BOARD FROM IN-CAMERA

a. Request for Decision – Alberni Valley Regional Airport Expansion – School District 70 Compensation

The following resolution from the in-camera portion of the meeting was reported out in the open meeting:

The ACRD Board of Directors approved a compensation package to School District 70 (SD70) for the impacts of the Alberni Valley Regional Airport (AVRA) expansion on Christmas Tree Permit C00932 and on the School District 70 Project Based Learning Program. Details of the compensation package include: a cash payment of \$50,000, permit 4.46 hectares of AVRA lands to SD 70 for a three year term (including site preparation), and relocation of the Project Based Learning Building to AVRA lands.

16. ADJOURN

MOVED: Director Kokura

SECONDED: Director McLeman

THAT this meeting be adjourned at 3:39 pm.

CARRIED

Certified Correct:

John Jack,
Chairperson

Wendy Thomson,
Acting Chief Administrative Officer



Alberni-Clayoquot Regional District

MINUTES OF THE ELECTORAL AREA DIRECTORS COMMITTEE

MEETING HELD ON TUESDAY, MAY 23, 2017, 2:00 PM

Regional District Board Room, 3008 Fifth Avenue, Port Alberni, BC

DIRECTORS Keith Wyton, Chairperson, Director, Electoral Area "A" (Bamfield)

PRESENT: Mike Kokura, Director, Electoral Area "B" (Beaufort)
Tony Bennett, Director, Electoral Area "C" (Long Beach)
Penny Cote, Director, Electoral Area "D" (Sproat Lake)
John McNabb, Director, Electoral Area "E" (Beaver Creek)
Lucas Banton, Director, Electoral Area "F" (Cherry Creek)

STAFF PRESENT: Wendy Thomson, Acting Chief Administrative Officer
Andrew McGifford, Manager of Environmental Services
Teri Fong, Manager of Finance
Mike Irg, Manager of Planning and Development
Janice Hill, Acting Manager of Administrative Services

1. CALL TO ORDER

The Chairperson called the meeting to order at 2:03 pm.

The Chairperson recognized the meeting today is being held in the Tseshaht First Nation and the Hupacasath First Nation Traditional Territories.

2. APPROVAL OF AGENDA

MOVED: Director Banton

SECONDED: Director Cote

THAT the agenda be approved as circulated.

CARRIED

3. ADOPTION OF MINUTES

a. **Electoral Area Directors Committee Financial Planning Meeting held February 15, 2017**

MOVED: Director Banton

SECONDED: Director Kokura

THAT the minutes of the Electoral Area Directors Committee Financial Planning meeting held on February 15, 2017 be adopted.

CARRIED

4. REQUEST FOR DECISIONS & BYLAWS

- a. **Request for Decision regarding Cherry Creek Waterworks District – Gas Tax Funding Request.**
(referred from Board of Directors meeting March 8, 2017)

Director McNabb entered the meeting at 2:13 pm.

MOVED: Director Banton

SECONDED: Director Kokura

THAT the Electoral Area Directors Committee recommend that the Alberni-Clayoquot Regional District Board of Directors approve the Cherry Creek Waterworks District request for \$625,000 of Community Works Funding.

CARRIED

MOVED: Director Banton

SECONDED: Director Bennett

THAT the Electoral Area Directors Committee recommend that staff prepare a cooperation agreement between the ACRD and Cherry Creek Waterworks District for the purpose of sharing information on Cherry Creek Water infrastructure upgrades.

CARRIED

- b. **Request for Decision regarding consideration of an Animal Control Service for Livestock at Large.**
(referred from Board of Directors meeting March 8, 2017)

MOVED: Director Cote

SECONDED: Director Bennett

THAT the Electoral Area Directors Committee direct staff to refer the Consideration of an Animal Control Bylaw for Livestock at Large to the Agricultural Development Committee and the Agricultural Committee and request options for public education and voluntary compliance.

CARRIED

5. REPORTS

- a. **Request to City of Port Alberni – Allocation of Gas Tax Funds to Alberni Valley Regional Airport Expansion Project – W. Thomson (verbal)**

The Acting CAO provided an update on the letter sent to the City of Port Alberni requesting they consider allocating gas tax funds to the Alberni Valley Regional Airport expansion project. The City has advised that all of their gas tax funds been allocated to the end of 2018 to City capital improvement projects.

b. Sproat Lake Flood Mitigation - Use of Gas Tax Fund – W. Thomson/T. Fong (verbal)

The Manager of Finance advised the Committee that gas tax funds are not eligible to be used to for a hydrological study on blasting the rock in Sproat River. The Acting CAO reported that the Province has announced a funding opportunity through UBCM for emergency program funding and flood mitigation efforts coming out in the fall of 2017. The ACRD and West Coast Aquatic are investigating applying for funding through this program to conduct a hydrological study of the Somass River Watershed, which would include Sproat River. Another funding option currently available is the National Disaster Mitigation program, this program requires 50% matching funds.

MOVED: Director McNabb

SECONDED: Director Cote

THAT the Electoral Area Directors Committee instruct staff to investigate available grant funding for a primary study for Sproat Lake outflow solutions.

DEFEATED

MOVED: Director Kokura

SECONDED: Director McNabb

THAT the Electoral Area Directors Committee receives verbal reports a-b.

CARRIED

6. ADJOURN

MOVED: Director Kokura

SECONDED: Director Bennett

THAT this meeting be adjourned 3:37 pm.

CARRIED

Certified Correct:

Keith Wyton,
Chairperson

Wendy Thomson,
Acting Chief Administrative Officer



Alberni-Clayoquot Regional District

MINUTES OF THE ALBERNI VALLEY EMERGENCY PLANNING POLICY GROUP MEETING

HELD ON THURSDAY, MAY 25, 2017 3:00 PM

Regional District Board Room, 3008 Fifth Avenue, Port Alberni, BC

PRESENT: Penny Cote, Chairperson, Electoral Area "D" (Sproat Lake)
John McNabb, Director, Electoral Area "E" (Beaver Creek)
Mike Kokura, Director, Electoral Area "B" (Beaufort)
Lucas Banton, Director, Electoral Area "F" (Cherry Creek)
Sharie Minions, Councilor, City of Port Alberni
Mike Ruttan, Mayor, City of Port Alberni
Ron Paulson, Councilor, City of Port Alberni
Denis Sauve, Councilor, City of Port Alberni
Chris Alemany, Councilor, City of Port Alberni

STAFF PRESENT: Wendy Thomson, Acting CAO, ACRD
Tim Pley, CAO, City of Port Alberni
Dan Holder, Emergency Coordinator
Shelli Lyle, Administrative Assistant, ACRD

1. CALL TO ORDER

The Acting CAO called the meeting to order at 3:01 pm.

The Acting CAO recognized the meeting this afternoon is being held in the Tseshaht First Nation and the Hupacasath First Nation Traditional Territories.

2. ELECTION OF CHAIR AND VICE CHAIR

a. **Election of the Alberni Valley Emergency Planning Policy Group Chairperson 2017**

The Acting CAO conducted elections for Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017.

The Acting CAO requested nominations for the position of Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017 for a first time.

Director Kokura nominated Director Cote for the position of Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017. Director Cote accepted the nomination.

The Acting CAO requested nominations for the position of Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017 for a second and third time.

There being no further nominations the Acting CAO declared Director Cote to the position of Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017.

Chairperson Cote assumed the Chair.

b. Election of the Alberni Valley Emergency Planning Policy Group Vice-Chairperson 2017

Chairperson Cote conducted the election of Vice-Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017.

Chairperson Cote requested nominations for the position of Vice-Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017 for a first time.

Director Ruttan nominated Councilor Sauve for the position of Vice-Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017. Councilor Sauve accepted the nomination.

Chairperson Cote requested nominations for the position of Vice-Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017 for a second and third time.

There being no further nominations Chairperson Cote declared Councilor Sauve to the position of Vice-Chairperson of the Alberni Valley Emergency Planning Policy Group for 2017.

Chris Alemany entered the meeting at 3:04 pm.

3. APPROVAL OF AGENDA

MOVED: Director Kokura

SECONDED: Director Ruttan

THAT the agenda be approved as circulated.

CARRIED

4. INTRODUCTIONS

Introductions were conducted around the table.

5. REPORTS

a. Exercise Coastal Response Final Report

The Acting CAO provided an outline of the Exercise Coastal Response Final Report. Emergency Coordinator, Dan Holder reported on the recommendations, budget process and the implementation of changes on page 31 of the agenda. Councilor Sauve would like follow up with MOTI regarding bridges specifically the Somass River Bridge leading to the West Coast.

**b. Alberni Valley Emergency Planning RFD – 2017 ACRD Financial Plan
Terms of Reference Alberni Valley Emergency Planning Policy Group
Terms of Reference Alberni Valley Emergency Planning Liaison Group**

The Acting CAO reviewed the Alberni Valley Emergency Planning Request for Decision, the Terms of Reference Alberni Valley Emergency Planning Policy Group and the Terms of Reference Alberni Valley Emergency Planning Liaison Group documents that were adopted by the ACRD Board of Directors.

c. Manager Compensation through Emergency Management BC

Tim Pley, CAO, City of Port Alberni explained local governments can recover costs from Emergency Management BC for unionized staff in the event of an emergency. Without a policy for exempt employees there is no ability to compensate local governments for exempt staff. A draft policy will be prepared by staff and brought to the November 2017 meeting for further consideration.

d. Responsibilities of the AV Emergency Planning Policy Committee – Dan Holder

Dan Holder reviewed the responsibilities of the AVEP Policy Group, clarifying roles, declaring a state of emergency and stated revisions are needed to Bylaw PS1006. D.Holder and ACRD staff will prepare an amended Bylaw for consideration by the Policy Group in November 2017.

MOVED: Director McNabb

SECONDED: Director Alemany

THAT the verbal and written reports be received.

CARRIED

6. NEXT MEETING

Thursday, November 16, 2017 @ 3:00 pm.

7. ADJOURN

MOVED: Director Kokura

SECONDED: Director Sauve

THAT the meeting be adjourned at 3:50 pm.

CARRIED

Certified Correct:

Penny Cote,
Chairperson

Wendy Thomson,
Acting Chief Administrative Officer



Alberni-Clayoquot Regional District

MINUTES OF THE REGIONAL FISHERIES RESOURCE COMMITTEE MEETING HELD ON TUESDAY, MAY 30, 2017, 10:00 AM

Regional District Board Room, 3008 Fifth Avenue, Port Alberni, BC

DIRECTORS PRESENT: Dianne St. Jacques, Chairperson, Mayor, District of Ucluelet
Tony Bennett, Director, Electoral Area "C" (Long Beach)
Penny Cote, Director, Electoral Area "D" (Sproat Lake)
Jack McLeman, Director, Councillor, City of Port Alberni
Sheena Falconer, West Coast Aquatic Management
Andrea Goruk, DFO, South Coast Division
Don Hall, Nuu-chah-nulth Tribal Council
Barron Carswell, Ministry of Agriculture

REGRETS: Josie Osborne, Mayor, District of Tofino

STAFF PRESENT: Robert Gunn, Contractor
Tracy Bond, Administrative Assistant

1. CALL TO ORDER

The Chairperson called the meeting to order at 10:00 am.

The Chair recognized the meeting is being held in the Tseshaht First Nation and the Hupacasath First Nation Traditional Territories.

Introductions took place around the table.

2. APPROVAL OF AGENDA

MOVED BY: Director Bennett

SECONDED: Director Cote

THAT the agenda be approved as circulated.

CARRIED

3. ADOPTION OF MINUTES

a. **Regional Fisheries Resource Committee Meeting – September 14, 2016.**

MOVED: Director Bennett

SECONDED: Director Cote

THAT the minutes of the Regional Fisheries Resource Committee held on September 14, 2016 be received.

CARRIED

4. PETITIONS, DELEGATIONS & PRESENTATIONS

5. CORRESPONDENCE FOR ACTION/INFORMATION

- a. **MINISTER OF FISHERIES AND OCEANS**
Nuu-chah-nulth Fishing Rights/Ahousaht et al v. Canada
- b. **DEPARTMENT OF FISHERIES AND OCEANS**
On-Vessel Processing of Hake by Domestic Harvesters
- c. **MINISTRY OF AGRICULTURE**
Fisheries Habitat Restoration

There was a discussion regarding the Department of Fisheries comprehensive review and the restructuring. It is unclear which programs will be affected and to what extent. The focus will be shifting and resource restoration and habitat may be off the list. A. Goruk advised there are significant changes. The focus is to be on legislative and regulatory priorities. A. Goruk will forward any information she is able to share with the Committee.

MOVED: Director Bennett

SECONDED: Director Cote

THAT correspondence a-c be received.

CARRIED

6. REPORTS

- a. **Department of Fisheries & Oceans Update – A. Goruk (Verbal)**
 - Herring – there were no commercial fisheries on the WCVI this year, only FSC and Treaty fisheries were open.
 - Herring assessment consisted of seine test charter, First Nation's charters in Area 23, 24 and 25, dive survey (vessel based and shore based) and eleven spawn flights.
 - Dive survey results are not available yet but main Barkley spawn appeared smaller than last year, Clayoquot Sound spawn observed was similar to last year; more spawn in the Esperanza side of Area 25 this year but less (none) in the Nootka side.
 - Chinook – The forecast terminal return of adult Stamp/RCH Chinook to Barkley Sound and Alberni Inlet in 2017 is approximately 79,000 (range

58,000 to 100,000). This is about an average return and similar to last year. With this return, directed Chinook fisheries are expected in the terminal Alberni Inlet area for all sectors.

- Barkley Coho – the 2017 outlook is low to near target. Information to forecast Coho returns is limited.
- Chum – the forecast return to Barkley is below average and below lower fishery reference points. 2017 forecast is 38,000 (range 17,000 – 74,000). Lower fishery reference point is 48,000.

b. Update on Low Expectations for Returning Sockeye – A. Goruk (Verbal)

- Pre-season forecast for Somass Sockeye is 172,000 (critical zone)
- Key factors in the sharp decline of expected abundance relative to recent return years are: i) very low observed smolt production and ii) relatively low marine survival rate for the 2014 and 2015 key sea-entry years associated with this year's adult return.
- The management outlook for Henderson Sockeye is in the "very low zone" for harvest management, corresponding to an expected return of less than 15,000. Similar to Somass Sockeye, key factors in the low expected abundance for 2017 are the decline in the marine survival rate associated with recent sea-entry years and relatively low smolt production in 2015.
- At this run size, there is no available commercial, economic opportunity or recreational harvest.
- The Area 23 Roundtable has recommended a closure to Sockeye fishing for all sectors consistent with the Area 23 local management plan. First Nations have volunteered to not fish for FSC or domestic harvest at this run size.
- Potential opportunities may be possible if the run size is up-graded.
- The test fishery commences June 12/17 and the first in-season re-forecast is June 29/17.

c. Update on Provincial Ministry of Agriculture – B. Carswell (Verbal)

The Province is working closely with DFO concerning habitat. It looks like this will be a good season for Hake. The department has one new staff member. His name is Mike Turner. Also on board within the next month or two will be a new "Denis Chalmers".

MOVED: Director Bennett

SECONDED: Director McLeman

THAT the Alberni-Clayoquot Regional Fisheries Resource Committee recommend that the Alberni-Clayoquot Regional District Board of Directors forward a letter to

the new Minister responsible for Fisheries in the Province of BC outlining the importance of fisheries to ourselves, Coastal BC and the Province.

CARRIED

d. Nuu-chah-nulth Tribal Council Update – D. Hall (Verbal)

D. Hall indicated that the low Sockeye returns are happening coast wide. Chinook – the Sport and First Nation fisheries have seen the lowest total allowable catch in recent years. Area G and the five First Nations commercial Chinook fisheries underway in May but catch numbers were low.

Several chapters of the Pacific Salmon Treaty are being re-negotiated. Currently the parties working hard to complete all chapters except the Sockeye and Pink chapter that is on a different schedule. West Coast of Vancouver Island will not see much impact for revised Chum and Coho chapters. The conservation of Chinook is very important to Canada. Both parties have exchanged papers. Negotiators will be meeting again this summer and negotiations are scheduled to conclude near the end of September.

Nuu-chah-nulth Nations and fishers report poor Herring harvest opportunities this year.

There is a new marine conservation “Area of Interest (AOI)” being proposed for well off shore of the west coast of Vancouver Island. Major areas of interest for a marine protected area covers 141 square kilometers and would be the largest ever-proposed marine protected area on BC’s coast. This is part of the Canadian commitment to increase protection of coastal offshore areas. A. Goruk provided a presentation from other DFO staff with more information about the proposed AOI.

Update on Justification Trial – this has been a very slow seven year process. The arguments are now before the judge and there is no indication on when there will be a decision. Negotiations have taken a bit of a different turn. They are being led by Indigenous & Northern Affairs Canada (INAC) to lead to a reconciliation agreement. The first meeting with INAC and DFO took place May 25-26, 2017. So far, there is no apparent change in the Department of Fisheries and Oceans position. Sessions will continue through the fall. The objective is to have a memorandum complete and to the Cabinet by fall with a reconciliation agreement on aboriginal rights. The Five Nations are committing to this new process.

D. Hall advised he is retiring in the fall and this is probably his last meeting with the Fisheries Committee. He thanked the Alberni-Clayoquot Regional Fisheries Resource Committee for including Nuu-chah-nulth involvement for the fifteen years that he had represented the NTC.

e. West Coast Aquatic Update – S. Falconer (Verbal)

S. Falconer advised that the high level of in-kind is proving challenging in upcoming projects. The Barclay Sound Working Group would like to see full support for projects as finding fifty per cent in-kind is proving to be extremely difficult to find in small communities. The Somass Basin Habitat Restoration project is moving forward, the Chinook Net Pen project is on-going, and there is currently work being done on water quality testing. The initial water quality results showed problems for aquatic life in some sites but further testing will occur. Twenty-three sites are being looked at including: McCoy Creek, Roger Creek, Ship Creek, Dry Creek, and the Inlet. The information will be reviewed closely to ensure it is correct. The report should be complete within the next few months.

Working with Ducks Unlimited regarding land acquisition critical for habitat. The Net Pen project first year survival rate showed on a small increase but the catch ability was up seventy-five per cent. The information coming out of this project will take a few years to get a good picture. Currently working on the Fish flow project application to go in the fall.

f. Alberni Valley Update – P. Cote, J. McLeman (verbal)

P. Cote provided an update on “Bob’s Rock” and the flooding that took place in Sproat Lake, Beaver Creek and Tseshaht. There were millions of dollars in damage. There is a push to remove the large rock, and to ask Catalyst to fold down gates at time high fall participation. Emergency BC will be providing a grant program and applications will be available this fall. The group is planning to apply for funding to remove the rock. This should be looked at first as it may effect flow in other areas downstream. It may be better to look at the watershed as a whole. S. Falconer advised she would work on a grant application for a hydrology study that would include the entire area.

Koi continue to be a problem on Sproat Lake, as do the Bullfrogs. The Bullfrogs are migrating around the lake. Send a letter to Laura Brown, Regional Director, DFO and Dr. Matthias Herborg, Aquatic Species at Risk Coordinator, Province of BC regarding the Koi issue and the issue of the Bullfrogs eating the Sockeye smolts.

g. West Coast Update – D. St. Jacques (verbal)

D. St. Jacques provided an update on the Hake fishery. The Hake quota is good - 138,000 metric tons plus 17,000 metric tons carried over, Joint Venture is 15,000 metric tons. Last year saw a large quota but the catch was only 103,000 metric tons. The problem being not enough boats in the water. There is real concern regarding the shifting around of allocations. Ships are considered

shore-side but they are not. There is a constant battle on who gets what. The East Coast Shrimp fishery sees specific allocation on ship and shore-side. This is the preferred model. All parties then know what they are working with and know how to invest.

The Sports fishery has begun.

MOVED: Director Cote

SECONDED: Director McLeman

THAT reports a-g be received for information.

CARRIED

7. LATE BUSINESS

a. Pacific Salmon Treaty Negotiations

MOVED: Director McLeman

SECONDED: Director Cote

THAT the Alberni-Clayoquot Regional Fisheries Resource Committee recommend the Alberni-Clayoquot Regional District Board of Directors forward a letter to the Canadian Commissioners negotiating the Pacific Salmon Treaty with the U.S. advising that the Regional District does not wish to see any further Chinook reduction on the West Coast of Vancouver Island.

CARRIED

b. Marine Spill Response

MOVED: Director McLeman

SECONDED: Director Cote

THAT the Alberni-Clayoquot Regional Fisheries Resource Committee recommend the Alberni-Clayoquot Regional District Board of Directors forward a letter to the Minister of Fisheries and Oceans and the Canadian Coast Guard copied to the Western Canada Marine Response Corporation requesting that Marine Spill Response funding not be based on the approval of the Kinder Morgan project proposal.

CARRIED

c. Bullfrogs and Koi in Sproat Lake

MOVED: Director Cote

SECONDED: Director McLeman

THAT the Alberni-Clayoquot Regional Fisheries Resource Committee recommend the Alberni-Clayoquot Regional District Board of Directors forward a letter to the Provincial and Federal Governments advising of the Regional District's environmental concerns with respect to invasive species in Sproat Lake and asking if there has been any environmental impact studies done with regards to Bullfrogs and Koi in the Sproat Lake Watershed given how important Sproat Lake is to Sockeye rearing.

CARRIED

8. ADJOURN

MOVED: Director Cote

SECONDED: Director McLeman

THAT this meeting be adjourned at 11:58 am.

CARRIED

Certified Correct:

Dianne St. Jacques,
Chairperson



Alberni-Clayoquot Regional District

MINUTES OF THE BEAVER CREEK WATER ADVISORY COMMITTEE MEETING HELD ON JUNE 7, 2017, 2:00 PM

Regional District Board Room, 3008 Fifth Avenue, Port Alberni, BC

MEMBERS John McNabb, Chairperson, Director, Electoral Area "E" (Beaver Creek)

PRESENT: Patty Edwards
Gord Blakey
Harold Carlson
Ginny Stephens
Pam Craig

REGRETS: Kelly Schutte

STAFF PRESENT: Andrew McGifford, Manager of Environmental Services
Janice Hill, Acting Manager of Administrative Services
Dan Fredlund, Maintenance Technician Leadhand

1. CALL TO ORDER

The Chairperson called the meeting to order at 2:01 pm.

The Chairperson recognized the meeting this afternoon is being held in the Tseshaht First Nation and the Hupacasath First Nation Traditional Territories.

2. APPROVAL OF AGENDA

MOVED: Director Craig
SECONDED: Director Blakey

THAT the agenda be approved as circulated with the addition of late items as outlined for consideration.

CARRIED

3. ADOPTION OF MINUTES

a. **Beaver Creek Water Advisory Committee Meeting held February 14, 2017.**

MOVED: Director Craig
SECONDED: Director Blakey

THAT the minutes of the Beaver Creek Water Advisory Committee Meeting held on February 14, 2017 be adopted.

CARRIED

6. REQUEST FOR DECISIONS & BYLAWS

- a. **Request for Decision regarding additional leak forgiveness – 6138 Beaver Creek Road**

MOVED: Director Edwards

SECONDED: Director Craig

THAT the Beaver Creek Water Advisory Committee not grant the request for additional leak forgiveness of \$290 as requested by the owners of the property located at 6138 Beaver Creek Road and staff will commit to work on a payment plan with the owner.

CARRIED

- b. **Request for Decision regarding Beaver Creek Water System Infrastructure Assessment - 2017**

MOVED: Director Craig

SECONDED: Director Blakey

THAT the Beaver Creek Water Advisory recommend the Board of Directors adopt the Beaver Creek Water System Infrastructure Assessment (2017) plan and use the information to design the Asset Management plan for the service.

CARRIED

- c. **Request for Decision regarding Beaver Creek System – Bylaw to Impose Development Cost Charge**

MOVED: Director Craig

SECONDED: Director Blakey

THAT the Beaver Creek Water Advisory Committee recommend that the Board of Directors give 1st and 2nd reading to a Development Cost Charge bylaw for the Beaver Creek Water System following the “Development Cost Charge – Best Practices Guide” as recommended by the Ministry of Community, Sport and Cultural Development; followed by a public consultation and review by the Committee for any applicable changes before submission to the Inspector for approval.

CARRIED

7. REPORTS

- a. **Hydro Consumption – Dan Fredlund (verbal report and report attached).**

MOVED: Director Blakey

SECONDED: Director Carlson

THAT the Beaver Creek Water Advisory Committee receives report a.

CARRIED

8. ADJOURN

MOVED: Director Craig

SECONDED: Director Blakey

THAT this meeting be adjourned at 3:10 pm.

CARRIED

Certified Correct:

John McNabb,
Chairperson

Wendy Thomson,
Acting CAO

Working Together to Reduce Poverty

Poverty Reduction and Alleviation Strategies for
the Alberni Clayoquot Regional District

2016

EXECUTIVE SUMMARY

The Alberni Clayoquot Regional District (ACRD) currently experiences the 4th highest rates of poverty out of 29 Regional Districts in BC, with a child poverty rate of 32.2% and significant barriers around housing, transportation and health access which vary between urban, rural, remote and First Nation communities. Many organizations in the region offer services to address these issues but in order to be effective an overarching poverty reduction strategy has proven to be the most effective course of action in regions throughout Canada. Recognizing that poverty is a complex issue which cannot be addressed by any one organization or initiative, leaders in the ACRD have begun to bring together local stakeholders to discuss, identify opportunities and plan around poverty reduction.

INITIATING POVERTY REDUCTION IN THE ACRD:

- Alberni Valley community discussion on poverty November 2015 organized by MLA Scott Fraser
- Local Mayors, Regional District Directors and organizational leads convened to identify next steps
- Working Together to Reduce Poverty Theory of Change and outcome identification

In order to maintain the conversation the Alberni Clayoquot Health Network (ACHN) convened a workshop on May 30th to begin the process of identifying outcomes which aim to reduce and/or alleviate poverty in the ACRD. Facilitated by Scott Graham from SPARC BC, the workshop brought together 50 participants from provincial and local government, local service providers, ministries and organizations, First Nation communities, as well as representatives from the community at large. From this workshop we were able to develop a Theory of Change which identifies some key areas we can address to begin seeing change in regional poverty. Most importantly this Theory of Change provides us with a starting point, shared goals and a framework to measure our impact as we move forward.

WORKING TOGETHER TO REDUCE POVERTY FRAMEWORK:

Workshop participants spent the day identifying and defining outcome statements to create a Theory of Change for poverty reduction in the ACRD. A Theory of Change is a tool to map and evaluate complex systems, it identifies outcomes, allowing groups to identify, narrate and evaluate these outcomes, adding additional levels of detail as preconditions, interventions and rationales. Participants at the May 30th workshop identified 5 outcome statements, with preconditions or activities leading to these outcomes which fell into one of 4 themes.

POVERTY REDUCTION OUTCOMES

- Increase number of social housing units for low income people
- Decrease the number of hungry children
- Increase the awareness of poverty issues and impacts in the ACRD
- Address mental health and addictions continuity and follow up
- Address youth homelessness

PRECONDITION THEMES

- Service Integration and Collaboration
- Program Level Interventions
- Public Policy
- Education

The Working Together to Reduce Poverty Theory of Change in the ACRD created through this workshop is the first draft of a living framework which will assist to guide future collaborative actions. A Theory of Change is meant to be tested, revised and evaluated based on stakeholder input and regional shifts. It recognizes that no one organization can take on poverty reduction alone. Identified activities and focus areas are parts of a complex system which require input, shared ownership and evaluation. The ACHN has made a commitment to supporting this process and look forward to future collaborations, revisions and planning with community stakeholders.

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INTRODUCTION

According to the World Health Organization poverty is the single largest determinant of health. Impacts of poverty run deep, influencing the lives of those affected as well as health and economic systems of entire communities. There is no one solution to address poverty but communities which have made a commitment to poverty reduction strategies adopt a collaborative approach, sharing action and accountability to embrace long term solutions.

“Poverty and inequality are complex issues that have huge and devastating impacts on individuals and Canadian society as a whole. Systemic poverty is the root cause of many health and social problems, not to mention the economic toll.” Canada Without Poverty, 2016¹



Initiated by MLA Scott Fraser discussions around the impacts of poverty in the Alberni Clayoquot Region were spearheaded through a community engagement in the Alberni Valley November 2015. Local leaders, service providers and community members sat together for a meal and impassioned discussion around the effects of poverty in our region. Ground work for future discussions was laid with speakers sharing important data sets, opportunities and community information for the Alberni Valley combined with personal stories of poverty and inequality from community members who punctuated the urgency of these discussions.

Following this engagement, local decision makers and organizations met to identify next steps. The meeting had impressive representation from local mayors, regional district directors, the MLA and MP as well as organizations with a mandate to convene and support community development activities. Data sets, opportunities and potential next steps were identified. A commitment to continue convening community engagement and seeking opportunities for dialog was evident.

To maintain the momentum the Alberni Clayoquot Health Network (ACHN) sought out opportunities to begin defining key interventions to reduce poverty in our region. On May 30 the ACHN partnered with SPARC BC facilitator Scott Graham on a workshop to begin the identification and discussion of outcomes which aim to reduce and alleviate poverty in the Alberni Clayoquot Regional District (ACRD). Outcomes generated in this workshop contribute to the first draft of the ACRD Working Together to Reduce Poverty Theory of Change, a living framework which aims to: assist the region identifying and tracking outcomes to reduce and alleviate poverty; initiate discussion and planning around ways forward; identify gaps and opportunities to address root issues and areas of required support to those experiencing poverty.

This report is a summary of work undertaken by 50 regional representatives present for the *Working Together to Reduce Poverty in the ACRD Workshop* to be utilized as a starting point for the identification and measurement of poverty reduction and alleviation strategies in the region.

¹ Canada Without Poverty RSS <http://www.cwp-csp.ca/poverty/the-cost-of-poverty/>

WORKSHOP ATTENDANCE



Alisha Pauling, Leader integrated Community Services, Island Health

Ashley Amos, Trainee, Kuu-us Crisis Line

Arnie Robinson, Council Member, Ahousaht First Nation

Candace Wu, Constituent Assistant, MP Office

Charlene Holden, Homelessness Coordinator, Kuu-us Crisis Line

Codi Brock, Practicum Student, North Island College

Darlene Leonew, Elders Cultural Coordinator, PA Friendship Center

Dan Schubart, Board Director, Port Alberni Transition Towns

Darci Morris, Support Worker, Kuu-us Crisis Line

Frank Charlie, Support Worker, Kuu-us Crisis Line

Graham Hughes, Executive Director, Literacy Alberni

Heather Shobe, Project Lead, Alberni Valley Agriculture Plan

Jackie Wells, Family and Health Services Team Leader, Port Alberni Friendship Society

Janice Johnson, Community Engagement Coordinator, First Nation Health Authority

Janis Nairne, Volunteer Board Member, CMHA, Port Alberni/ Alberni Valley Social Planning Council

Jolleen Dick, Communications Coordinator/Council Member, Hupačasath First Nation

John Douglas, Outreach Coordinator, Port Alberni Shelter Society

Julie MacNaughton, Volunteer, Literacy Alberni

Kathy Waddell, Huu-ay-aht First Nation

Laurie Money, Team Leader, Ministry of Child and Family Development

Lindsay Davis, Practicum Student, North Island College

Liz Stonard, Advocate

Marcie DeWitt, Coordinator, Alberni Clayoquot Health Network

Marcus Lobb, Food Hub Coordinator, Alberni Valley Transition Towns

Margaret Morrison, Executive Director, Westcoast Community Resources Society

Mary Choi, Student, Medical Health Office

Matilda Atleo, Health Promotion Nuuchah Nulth Tribal Council

Megan McRae, Children and Family Services Coordinator, Huu-ay-aht First Nation

Nora Martin, Health Liaison, Tla-o-qui-aht First Nation

Pamela Day, Board member, Bread of Life

Pat Kermeen, PWD Assessor and Advocate, Port Alberni Shelter Society

Patty Edwards, Constituent Assistant, MLA

Paul Hasselback, Medical Health Officer, Island Health

Paulette Tatoosh, Social Development Coordinator, Hupacasath First Nation

Penny Cote, Chair, ACHN/ Vice Chair, ACRD

Rebecca Hurwitz, Executive Director, Clayoquot Biosphere Trust

Ronna Mellaart, Women's Outreach Worker, West Coast Resources Society

Rosalind Chapman, Port Alberni Resident

Scott Fraser, MLA

Shelley Shenton, Port Alberni Resident

Shelli Lyle, ACRD

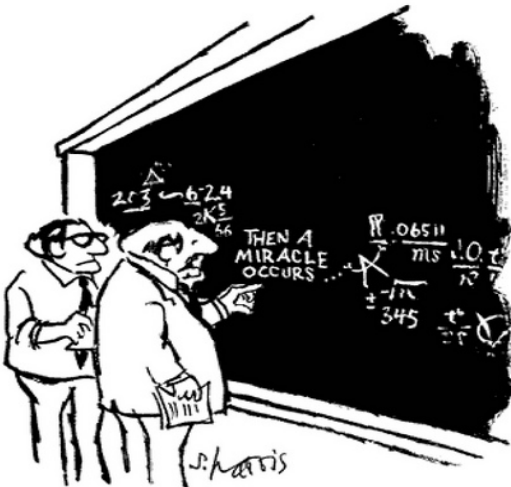
Stacie Camponi, Practicum Student, North Island College

Tim Sutherland, Ahousaht/Port Alberni Resident

Wes Hewitt, Executive Director, Port Alberni Shelter Society

Wendy Haas, Practicum Student, North Island College

THEORY OF CHANGE – WHAT, WHY, HOW



"I think you should be more explicit here in step two."

Theory of Change is essentially a comprehensive description and illustration of how and why a desired change is expected to happen in a particular context. It is focused in particular on mapping out or "filling in" what has been described as the "missing middle" between what a program or change initiative does (its activities or interventions) and how these lead to desired goals being achieved. It does this by first identifying the desired long-term goals and then works back from these to identify all the conditions (outcomes) that must be in place (and how these related to one another causally) for the goals to occur. – The Center for Theory of Change Inc., 2016

IMAGE AND CAPTION: CENTER FOR THEORY OF CHANGE INC. 2016²

A Theory of Change (TOC) is a useful tool to map complex social issues to better plan and evaluate action leading to a long term goal such as poverty reduction. A TOC enhances narrative and evaluation of interrelated activities adding measurable information which is commonly overlooked through the use of Logic Models which rely on a direct correlation between an outcome and measurable, often overlooking interconnected variables. A TOC allows initiatives to express the complex relationships between activities, measure success and document course corrections to communicate better with partners, funders and decision makers. Painting a more realistic picture of social change and increasing an initiatives ability to communicate and continue on the path to a long term goal.

We know that poverty is an incredibly complex issue; its roots vary between individuals, communities and demographics. To begin addressing complex issues we must identify areas which we can have the most impact, focus energy and realign resources to stimulate change, record the lessons we have learned, evaluate, course correct and celebrate when we have made measurable change. The ACHN has made a commitment to convene conversations with local knowledge holders to identify and prioritize actions, assist in documenting, stimulating action and evaluation to assist in moving the needle on poverty in the ACRD.

THEORY OF CHANGE RESOURCES

- Logic Model and Theory of Change, what's the difference? - http://www.theoryofchange.org/wp-content/uploads/toco_library/pdf/TOCs_and_Logic_Models_forAEA.pdf
- The Center for Theory of Change Inc - <http://www.theoryofchange.org/what-is-theory-of-change/toc-background/toc-benefits/>
- Build your own TOC - <https://directory.actknowledge.org/?register=true&requestingApplication=tocc&destination=http%253A%252F%252Fwww.theoryofchange.org%252F>
- Links and resources - <http://learningforsustainability.net/theory-of-change/>

² Theory of Change Community <http://www.theoryofchange.org/what-is-theory-of-change/>

WORKSHOPPING



Facilitator Scott Graham took the first part of the morning to set the context and intent of the Theory of Change approach. Following this presentation the group was introduced to the concept of an outcome statement. High level statements which are SMART – specific, measurable, achievable, relevant and time bound. Each participant was asked to come up with three outcome statements which they believed would contribute to poverty reduction in the ACRD.

ALL OUTCOMES GENERATED – LONG LIST

- Persons with Disabilities
 - Variations of Disabilities
 - Universal access to mobility
 - Food services
- Decrease number of children accessing food bank. Take fish lic. out of the hands of big business, take lic. away for non fishers use it or lease it. No Leasing fish lic. (3 dots)
- Increase in partnerships and dialogue between local organizations and leaders to identify and address factors leading to poverty in the region
- Increase in the number of low income people accessing small loans from Coastal Community Credit Union (6 dots)
- An increase in the amount of food being produced locally by farmers and community members (3 dots)
- Reduce Food Insecurity by recovering all food waste and making it available to those who need it (9 dots)
- Community Gardens throughout town/city vs. Food banks
- Free Daycare! (1 dot)
 - Increase working single mothers
 - Decrease children using Food Banks and poverty levels
 - Improve children's lives
 - Parental pride working pride as well as getting out in the community

- Increase access to community based afterschool activities among elementary school aged children
- Increased number of low-income family who are participating in food-accessibility programs and activities (6 dots)
- Increase the number of hard-workers in this field to accomplished desired results
- Increased awareness of local resources and programs by seasonal resort staff
- Increased number of pre-school children receiving adequate nutritional food (7 dots)
- Increased number of children/youth of school age (5-17) having access to Healthy Food Sources
- Families, Youth and Individuals will increase their knowledge of services and programs to support them
- Increase access to Free recreation and community programs for youth (9 dots)
- Decrease the number of couch surfing among teens and young adults
- Decrease in the number of youth transitions from in care (aging out) to becoming homeless
- Increase and simplify the shelter allowance for income assistance recipients (4 dots)
- Increase number of pregnant families access prenatal support services
- Decreased barriers to Adult Education and employment training for low-income persons
- Decrease the number of youth that have no access to phones due to debt
- Decrease the debt they owe by paying for it once, so they have access to having a phone for the use of job searching, etc
- Increase communication for youth within job search
- Increase educational outcome (k-12) and graduation rates in our schools (9 dots)
- Increased number of families and individuals income to have access to fresh food programs
- Increased access to support services
- Increased number of youth accessing community resources to successfully transition to workforce participation (3 dots)
- More support for young families on social assistance to be able to transition into a reliable working household
- Increase access to transportation for low income families (6 dots)
- Decrease the number of young families on low income
- Stop clawbacks of professional pensions and CPP from clients on disability financial assistance
- Increase permanent (long-term) affordable housing for low income families and seniors
- Increased number of individuals accessing social housing
- Increase in number of families (of youth with mental health issues) receiving support

FINAL OUTCOME STATEMENTS

These outcomes were then posted on the wall and reviewed by participants. Natural groupings of ideas began to form, participants were encouraged to place similar outcomes together, the facilitator continued to group outcomes into themes. These groupings were reviewed and validated with participants, once confirmed participants were given dots and asked to vote on outcome groupings which they felt would contribute most to poverty reduction with the intention of identifying 3 – 5 outcomes which would be further workshopped in the afternoon.

WORKING TOGETHER TO REDUCE POVERTY IN THE ACRD OUTCOMES AND INPUTS

For the remainder of the afternoon workshop participants worked in small groups to develop the five outcome statements selected.

OUTCOME STATEMENTS SELECTED

1. Increase number of social housing units for low income people
2. Decrease the number of hungry children
3. Increase the awareness of poverty issues and impacts in the ACRD
4. Address mental health and addictions continuity and follow up
5. Address youth homelessness

QUESTIONS UTILIZED TO DEVELOP OUTCOME STATEMENTS

1. What specific short terms actions (within 2 years) should happen in relation to this Theory of Change element?
2. What types of partnerships are needed for these actions to be successful?

Groups reported their discussions back to the whole group upon completion and the ACHN Coordinator provided the group with information on next steps.

- Information collected from the workshop will be utilized to create a Theory of Change for poverty reduction in the ACRD.
- The ACHN Coordinator will utilize the TOC software to track Outcomes and Indicators identified.
- The ACHN Coordinator will compile a report of the day as well as detailed breakdown of the Theory of Change to share with leadership, participants, ACHN Network and the region as a whole for further information and validation of next steps.
- Local leadership will reconvene to discuss outcomes identified and next steps.
- The ACHN Coordinator will convene further gatherings to maintain momentum and identification of opportunities.

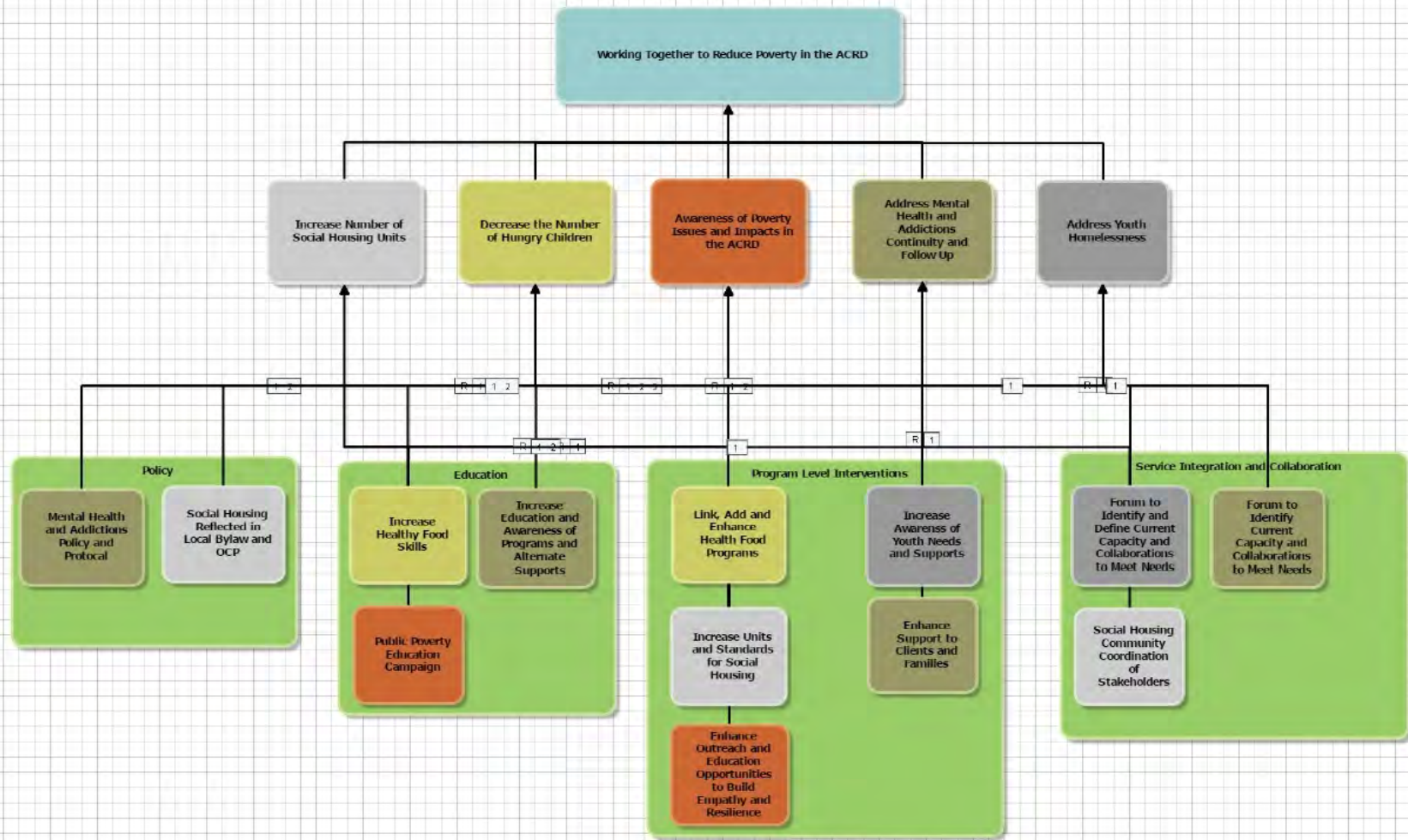
WORKING TOGETHER TO REDUCE POVERTY IN THE ACRD

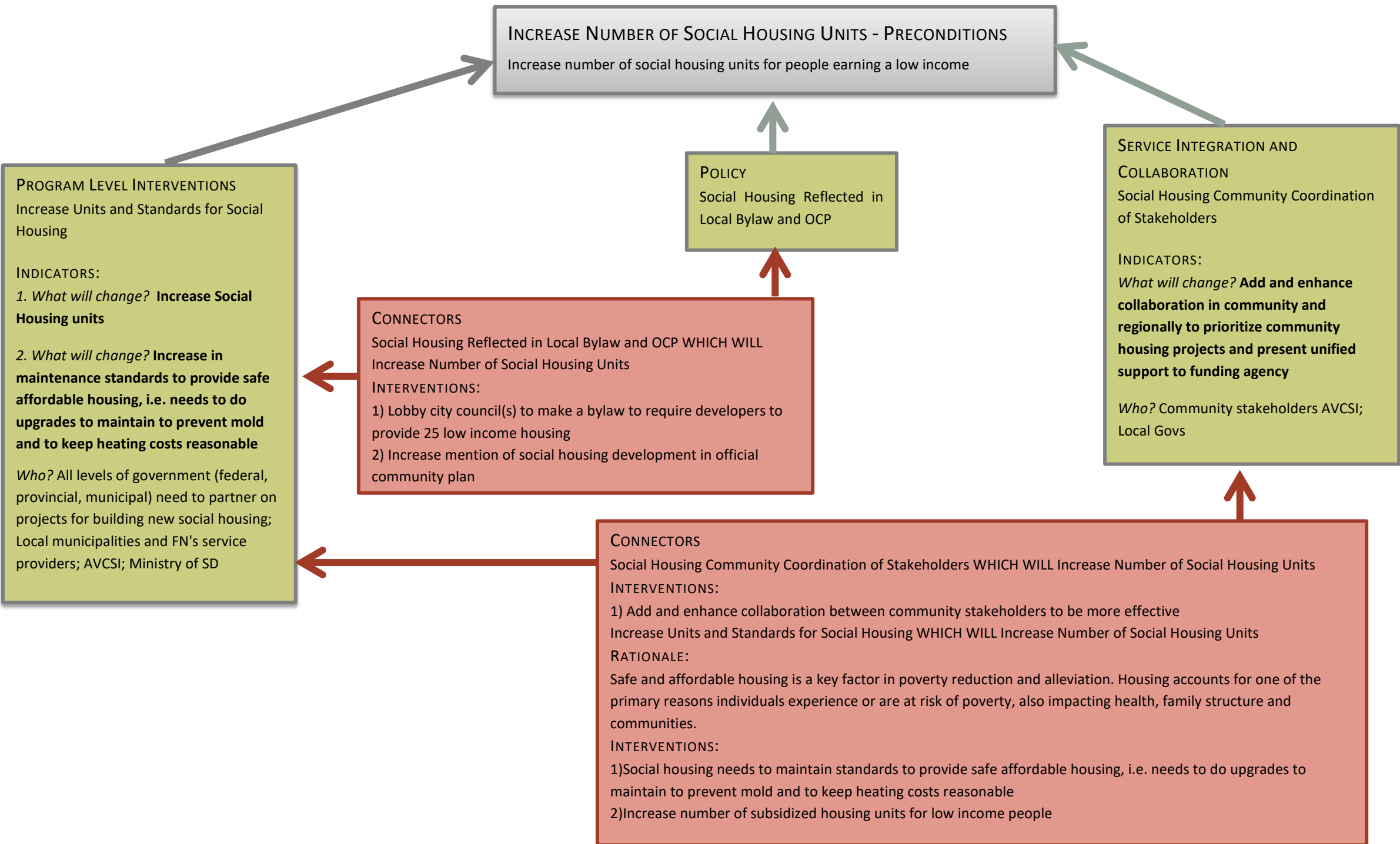
Information from the May 30th workshop was cumulated using the five outcomes identified. The ACHN Coordinator organized outcome actions identified in the workshop into four recurring themes – Service Integration and Collaboration, Program Level Interventions, Public Policy, Education. Utilizing the TOC Software from TOCO Online the outcome actions were entered as preconditions, for high level activities, and connectors or interventions for activities which would lead to the desired outcomes or add detail to the strategy. What, who, how many, how much and when, are additional details which are required for each outcome/precondition identified. While the May 30th workshop assisted to create a framework to start the conversation, many of these questions remain unanswered and much of the work has only just begun.

The following diagrams outline the work conducted on May 30th starting with a high level visual of the Working Together to Reduce Poverty in the ACRD Theory of Change. Following this are detailed diagrams of each outcome statement, with preconditions (activities leading to the outcomes), connectors, interventions and rationales identified from information generated by participants. Arrows identify relations between outcomes and connectors, each intervention and rational is listed below the corresponding statement.

We look forward to sharing this report with you, gathering your feedback and building upon this first draft!

THEORY OF CHANGE FIRST DRAFT





DECREASE THE NUMBER OF HUNGRY CHILDREN - PRECONDITIONS
 Increase access to healthy and nutritious food and food education

PROGRAM LEVEL INTERVENTIONS
 Link, Add and Enhance Health Food Programs

INDICATORS:
What will change? **Increase accessibility of Daily School Meals**
Who? PAC; Farmers; Local Government and Provincial; Many volunteers; Students would help to facilitate this project (Grade 12); Grocery Stores; Food Hub Coordinator; University students willing to establish this

What will change? **Increase food for pre-school kids and training for young parents**

- North Island College cooking for young parents
- VAST young moms getting chance to finish school with kids
- Breast milk banks for young dads too, storage too
- Fund pumps for breast milk
- Space at work to make this possible, storage too

Who? Food for pre-school kids and training for young parents; Meals on Wheels; Island Health; North Island College; VAST

CONNECTORS
 Increase Healthy Food Skills WHICH WILL Decrease the Number of Hungry Children

RATIONALE:
 Increase knowledge around healthy eating, access to programs and information sharing between services to better support food access and education to all community members

INTERVENTIONS:

- 1) Add and enhance skills of food prep/preservation
 - Connect elders to schools
 - Connect farmers and other foodies
 - Partner with soil providing companies
 - Teach composting and get compost to gardens
 - Offer cooking tools (crock pot) to the parents of the young kids and encourage cooking programs
 - Encourage more cooking and food preservation and how to make baby food preparations
 - Start more gardening programs in schools to teach kids how to grow their food that they end up cooking
 - Learn hunting and food foraging skills and processing
 - More social events with food for young parents (like Strong Start) a chance to get together and form a social network

CONNECTORS
 Link, Add and Enhance Health Food Programs WHICH WILL Decrease the Number of Hungry Children

RATIONALE:
 Increasing availability of healthy food to all children and youth (not just those in need) increases knowledge around healthy eating, childhood resiliency and outcomes as well as the ability to increase nutritional education. Children pass up messaging to family members.

INTERVENTIONS:

- 1) Add and enhance nutritional programming to ensure every person under the age of 19 has access to healthy, affordable food
 - Free service for all, not just those in "so-called" need
 - Every student should have a breakfast club and lunch every day
 - Lunch would be a cooked meal
 - Fruit bowl in every class
 - For children too young for school we could offer a food drop off for their parents
 - Create a program that pays for gardens to be established at young people's homes – planter box, seeds, soil...book?
 - Create a store where kids can purchase food for themselves at discount
 - Add food to our teen social programs (night's alive)
- 2) Connect our gleaning projects to the schools
 Investigate alternative distribution and food collection - farms willing to offer their food waste?
- 3) Expand B.C. food farmers market coupon program

EDUCATION
 Increase Healthy Food Skills

INDICATORS:
What will change? **Increase skills of food prep and preservation**
Who? PAC; Local Government and Provincial; Many volunteers; Grocery Stores; Food Hub Coordinator; University students; pre-school kids; Young parents; Meals on Wheels; Island Health; North Island College; VAST; Families; Elders; Schools; Foodies; Soil providing companies

AWARENESS OF POVERTY ISSUES AND IMPACTS IN THE ACRD - PRECONDITIONS
 Increase number of ACRD residents that are aware of regional poverty issues and impacts



CONNECTORS
 Public Poverty Education Campaign WHICH WILL Awareness of Poverty Issues and Impacts in the ACRD

RATIONALE:
 Stories, dialog and education are imperative to moving forward social change. Educating communities on impacts of poverty, providing decision makers with stories and tools to assist in advocating and addressing issues as well as increasing community ownership of the root causes.

INTERVENTIONS:

<p>1) Public Education Campaign Ideas Generated:</p> <ul style="list-style-type: none"> -Language – Both FN and general public leg. -Social media, News, agency awareness -Including all voices – sharing personal awareness -Sharing public stats. – do we have all stats. and trends -Stories and stats -Decision makers, public -Those in poverty need to be included -Traditional way of life vs. current -Access to services many barriers -Awareness and history of cultures and civilization -Why are we in poverty -Living wage calculation and use myth busting -Needs to happen in schools as well -Racism is also a need ->cultural awareness o We could be an example -Need for public education campaigns -> services, stats 	<ul style="list-style-type: none"> -Myth busting reports helpful -Create awareness of contributing factors -> Historical oppression, Residential schools, trauma...the “why’s” of poverty -Living wage campaign is helpful in spreading awareness -> calculation breakdown has been done -Holistic approach to represent Health and Poverty balance. Identifying factors -Compile stats and information. Synthesize -> Island Health and Vital Signs reports, etc School district -Kids are an excellent way to do public education and raise awareness -Ambassador training to raise awareness -University Health Department – incorporate cultural competencies
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EDUCATION
 Public Poverty Education Campaign

INDICATORS:

1. *What will change?* **Increase in Public Education around Poverty impacts, realities and issues**
2. *What will change?* **Identify and increase communication and monitoring of local statistics associated with poverty**

Who? Local government, all government those who need help; Service Providers; Media; ACRD; Health Network; Newspapers and Facebook Ad. Space; FN’s; School District; Funders; Island Health and FN Health Authority; MP and MLA; Anna Soole – Resiliency, “Create Our Story”; Employers

**AWARENESS OF POVERTY ISSUES AND IMPACTS IN THE ACRD – PRECONDITIONS
CONTINUED**

Increase number of ACRD residents that are aware of regional poverty issues and impacts

PROGRAM LEVEL INTERVENTIONS

Enhance Outreach and Education Opportunities to Build Empathy and Resilience

INDICATORS:

1. *What will change?* **Increase in supports to individuals experiencing poverty**
2. *What will change?* **Increase in education opportunities to address root causes of poverty - Literacy, Life Skills and other empowering education**
3. *What will change?* Add and enhance education to general public around poverty, racism, cultural competency

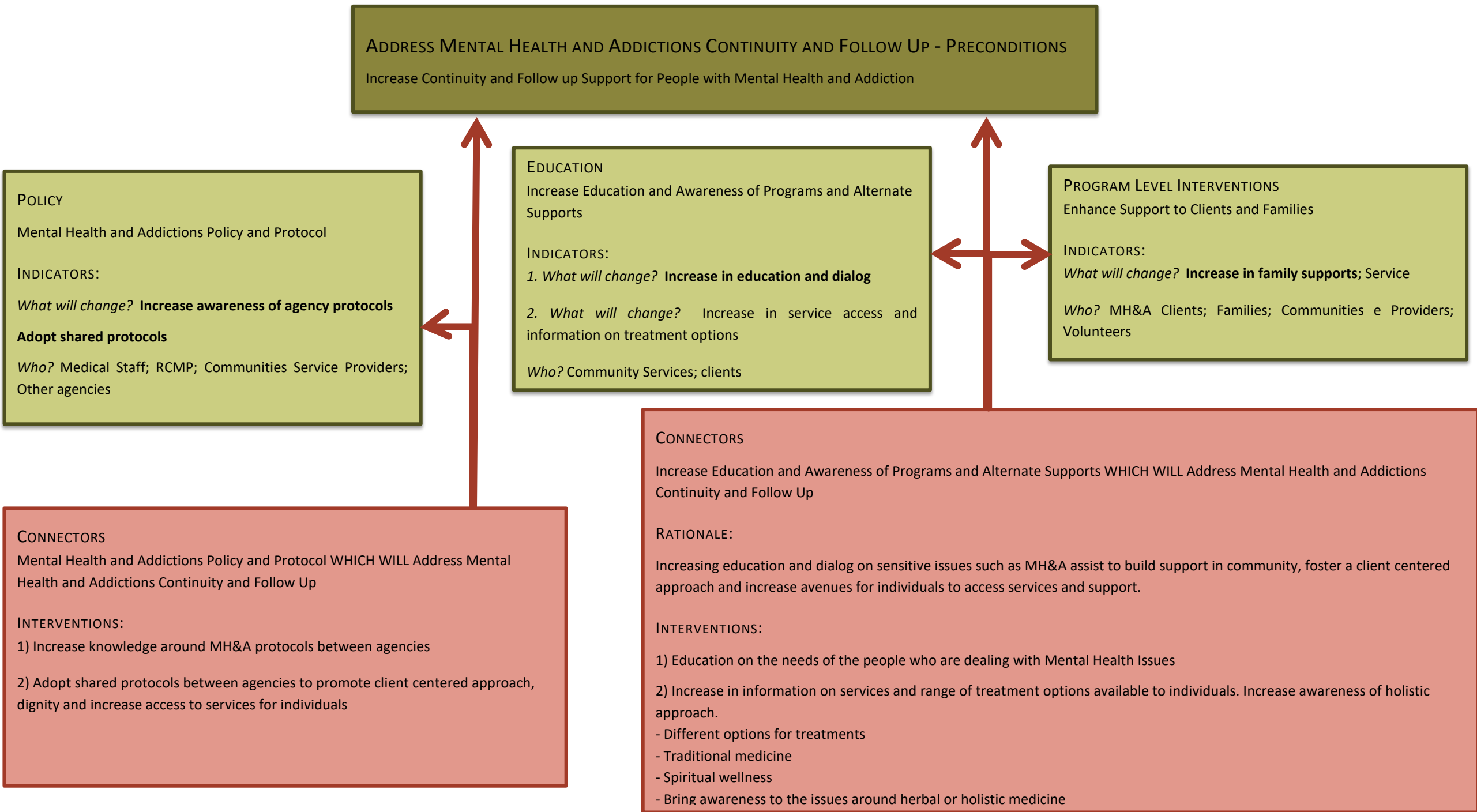
Who? Local government, all government those who need help; Service Providers; Media; ACRD; Health Network; Newspapers and Facebook Ad. Space; FN's; School District; Funders; Island Health and FN Health Authority; MP and MLA; Anna Soole – Resiliency, "Create Our Story"; Employers Local government, all government Those who need help

CONNECTORS

Enhance Outreach and Education Opportunities to Build Empathy and Resilience WHICH WILL Awareness of Poverty Issues and Impacts in the ACRD

INTERVENTIONS:

- 1) Increase engagement with individuals experiencing impacts of poverty
 - Empower and give people a voice (soup days/social opportunities for clients and service providers, remove imbalances)
 - Make less formal/fearful gatherings, make it casual
 - "Chummis and Chat"
 - "Lunch and Learn"
- 2) Address impacts and elements which lead to poverty through inclusive and accessible programs (add/enhance)
 - Sense of hopelessness of getting out of poverty -> licenses and permits create barriers -? Illiteracy/low literacy.
 - Education -> struggles residual
 - Literacy problems
 - Work to support these persons through workshops and direct support
 - Need for: support (literacy, education, paperwork) and healing/mental health support for residual trauma
 - Legislative and Racism related poverty
- 3) Add and enhance education around poverty:
 - Legislative and Racism related poverty
 - Cultural competency -> results -? Racism from ignorance and lack of information
 - Will racism ever go away
 - SD70 -> restricting curriculum to include history and First Nations experiences
 - Children can bring information home, educate parents/grandparents
 - Ambassador Program (Tofino/Ukee) Aboriginal persons facilitating programs/education process
 - West Coast General Hospital -> cultural safety



ADDRESS MENTAL HEALTH AND ADDICTIONS CONTINUITY AND FOLLOW UP – PRECONDITIONS CONTINUED
Increase Continuity and Follow up Support for People with Mental Health and Addiction

SERVICE INTEGRATION AND COLLABORATION
Forum to Identify Current Capacity and Collaborations to Meet Needs

INDICATORS:
What will change? **Increase in collaboration and service integration in Mental Health and Addictions services**

Who? Service providers, community members, First Nations, Community Leaders

How Many? Forum - 1 or more; Regular networking opportunities - monthly or quarterly

How Much? Forum - \$2000 - \$4000; Networking - \$2000 annually

By When? Forum 2016-2017; Networking - ongoing

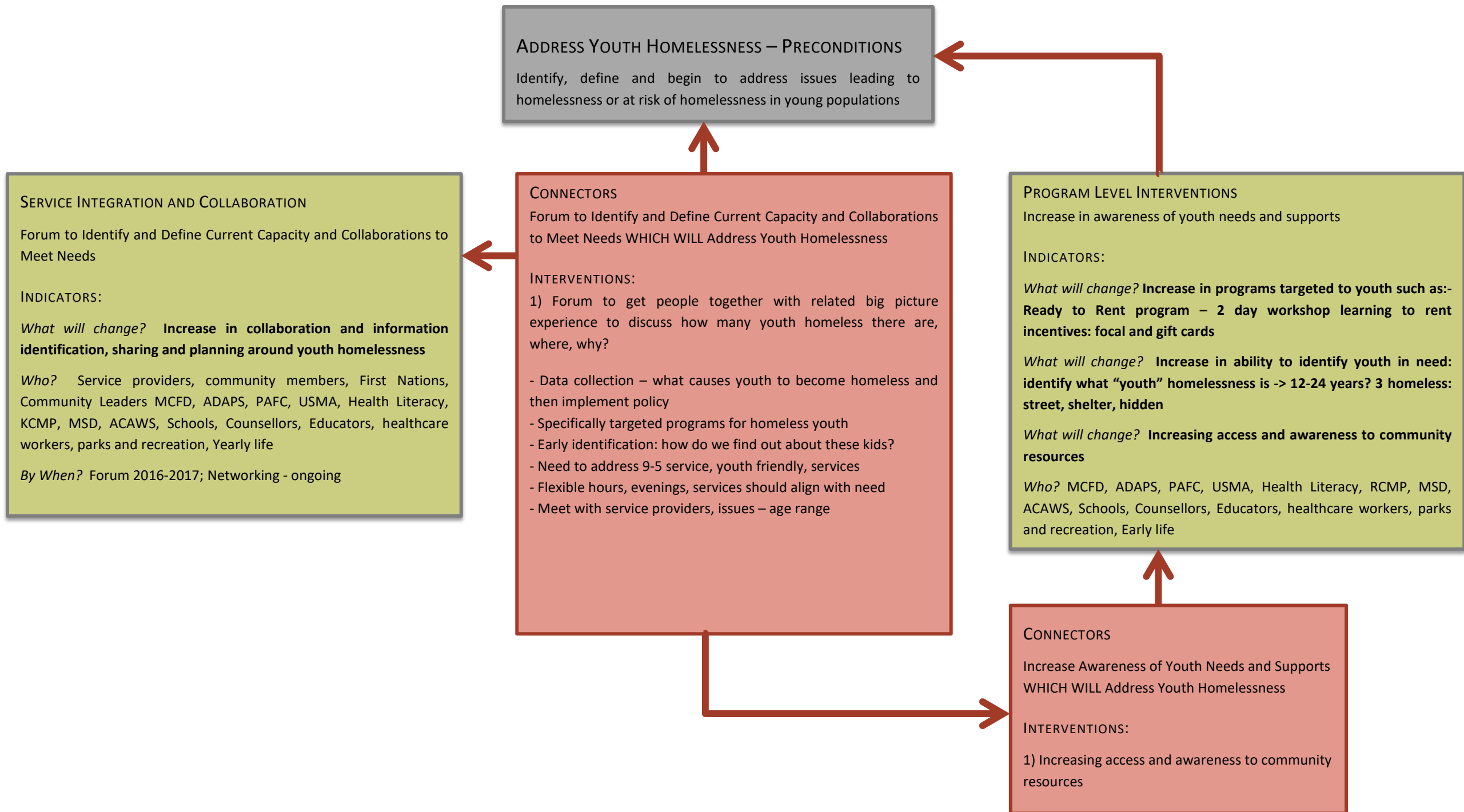
CONNECTORS
Forum to Identify Current Capacity and Collaborations to Meet Needs WHICH WILL Address Mental Health and Addictions Continuity and Follow Up

RATIONALE:
Increase communication and knowledge around service needs and opportunities to be more strategic and effective together.

INTERVENTIONS:
1) Forum for community members, clients, service providers and leaders to identify what is offered and how to work together effectively to address needs. Develop action plans to bridge the gaps. Increase collaboration

Investigate

- Network of resources
- Awareness of what's available
- Is there resources offered?
- Availability of resources
- Accessibility of services
- Promote change
- Collaborate with other service



ALBERNI CLAYOQUOT WORKING TOGETHER TO REDUCE POVERTY PROTOCOL AGREEMENT

WE INVITE YOU TO ASSIST TO PLAN AND TAKE ACTION TO REDUCE POVERTY IN THE ALBERNI CLAYOQUOT REGION BY SIGNING AND ADDING YOUR VOICE.

Whereas the World Health Organization has determined poverty to be the single most significant determinant of health; and

Whereas the population of the Alberni-Clayoquot Regional District (ACRD) experiences a high degree of both poverty and poor health with the fourth highest rate of poverty of 29 Regional Districts in BC and a child poverty rate of 32.2%; and

Whereas the Alberni Clayoquot Health Network (ACHN) is devoted to improving the health of communities in the ACRD by addressing the social determinants of health;

Be it resolved that the undersigned bodies will collaborate to:

1. Actively participate in the ongoing development of the 'Working Together to Reduce Poverty Theory of Change' with the ACHN and other community organizations;
2. Assist to organize events and campaigns to support initiatives directed at, and raise awareness of, the challenges our communities must overcome to reduce poverty;
3. Where possible, access and lobby for resources to assist identified actions;
4. Always consider the innate connection between poverty and health outcomes when formulating policy, planning for the future of our communities, and in our everyday activities as leaders in the ACRD.

This protocol shall be formally reviewed at least every three years, using the 'Working Together to Reduce Poverty Theory of Change' to evaluate benchmarks and set priorities.

Signed this 2nd Day of April, 2017 in Port Alberni, BC

Gord Johns
Member of Parliament
Courtney –Alberni

Scott Fraser
Member of the Legislative
Assembly of BC
Alberni – Pacific Rim

Excellent care, for everyone,
everywhere, every time.



May 29, 2017

Chair and Board Directors
Alberni Clayoquot Regional District
3008 Fifth Avenue
Port Alberni, BC V9Y 2E3

Dear Chair and Board of Directors:

Re: Local Health Area Profiles

Each year Island Health synthesizes available information released provincially and supplements by some information from Island Health. The Local Health Area (LHA) Profiles have been central to the Medical Health Officer report to your community in the past few years. This year, I have visited numerous local governments and reported specifically on the substance use issues and overdose crisis.

Please find with this communication, the 2015 LHA profiles. Notable is while released in 2017, the profiles do not include the 2016 census information. While the data elements are similar, the format for the profiles has changed considerably. The profiles can also be found at:
http://www.viha.ca/mho/stats/lha_profiles.htm.

Should you have any questions, or identify any material that appears incorrect, please feel free to contact my office or Melanie Rush at melanie.rush@viha.ca.

If invited by the Board, I would be available to present the updated information and contextualize results over time and across geographies.

Please feel free to contact my office at any time on matters of mutual interest.

Yours in Health,

Paul Hasselback, MD, MSc, FRCPC
Medical Health Officer

c.c.: Wendy Thomson, Acting CAO, Alberni Clayoquot Regional District

PH/cl

Medical Health Officer

Located at: 3rd Floor 6475 Metral Drive | Nanaimo, BC V9T 2L9

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viha.ca

ALBERNI

Local Health Area Profile 2015



Alberni Local Health Area is one of 14 LHAs in Island Health and is located in Island Health's Central Island Health Service Delivery Area (HSDA). Alberni is at the northwest corner of the Central HSDA. It covers 6,904 square kilometers, and the communities of Port Alberni, Tofino and Ucluelet. It borders on six other LHAs: Vancouver Island West, Campbell River, Courtenay, Qualicum, Nanaimo, and Lake Cowichan. Alberni is situated along Highway 4. Port Alberni is approximately one hour from Nanaimo; Tofino is approximately three and a half hours from Nanaimo. There are more than 5 bus routes in the city of Port Alberni, as well as a handyDART service. There is also a daily bus service between Tofino, Ucluelet, Port Alberni and the major Island hubs.



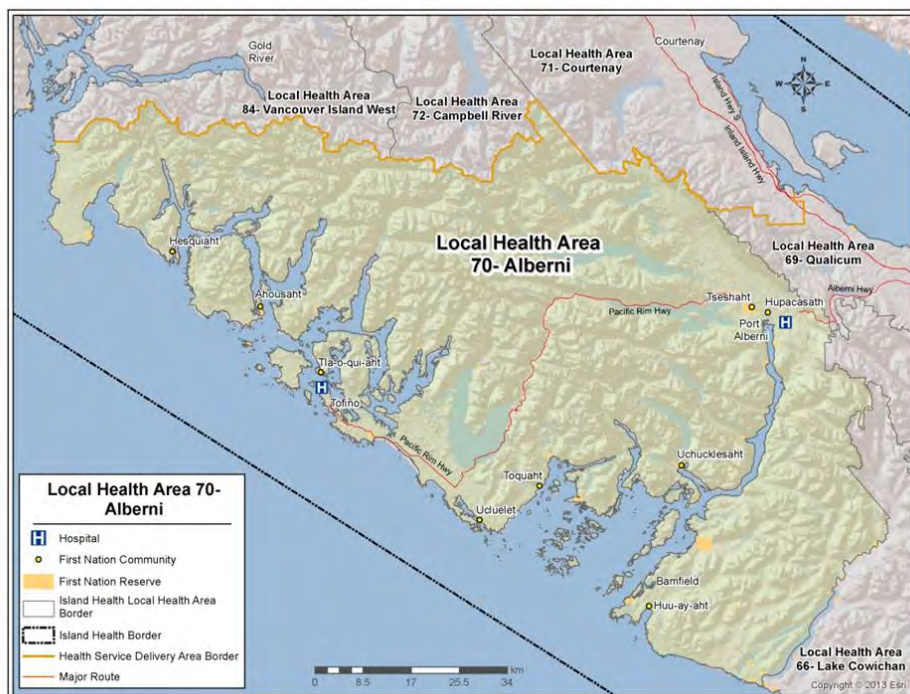
An accompanying Interpretation Guide has been created to assist with the interpretation of indicators.

The Interpretation Guide should be read with the profiles.

These profiles are not intended to be used for detailed planning or analysis. As they are updated on an annual basis, there may be more current data available. If you are intending to use these profiles for health planning purposes, or if you have questions or notice a discrepancy, please contact: [Melanie Rusch](mailto:Melanie.Rusch@viha.ca) (Melanie.Rusch@viha.ca)



Population and Demographics

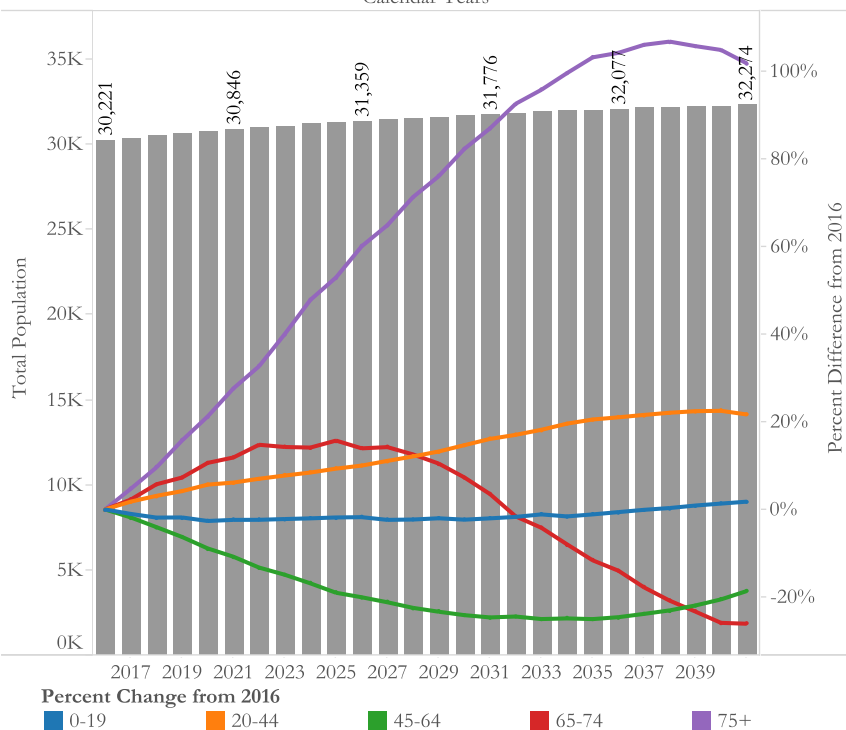


As of 2016 the Alberni LHA represented 3.9% (30,221 people) of Island Health’s total population of 775,500. According to 2011 Census, 16.9% of people living in Alberni identified themselves as Aboriginal compared to 6.6% in Island Health and 5.4% in BC.

On average, the population of Alberni LHA is younger than that of Island Health and older than that of BC with an average age of 43.8 years. The 65+ population makes up around 22% of the population which is higher than Island Health (23%) and BC (17%).

The Alberni LHA population is expected to increase by 3.8% over the next 10 years; this is lower than the growth expected for Island Health (10.6%) and BC (12.6%). Over the next 10 years, the most growth is expected in the 65-74 age group and the 75+ age group, while the 0-19 age group and the 45-64 age group is expected to decline. Over the next 20 years, the 75+ population of Alberni is expected to double. See Population and Demographics summary on page 10 for more information.

Estimated Total Population
Calendar Years



Percent of LHA population by Age Groups

Age Groups	2016	2026	2036	2041
0-19	20.9%	19.8%	19.6%	19.9%
20-44	27.9%	29.6%	31.8%	31.8%
45-64	29.3%	22.6%	20.8%	22.3%
65-74	12.9%	14.1%	10.4%	8.9%
75+	9.0%	13.9%	17.4%	17.1%

Average Age (PEOPLE - 2016)

BC	Island Health	Alberni
42.0	44.9	43.8



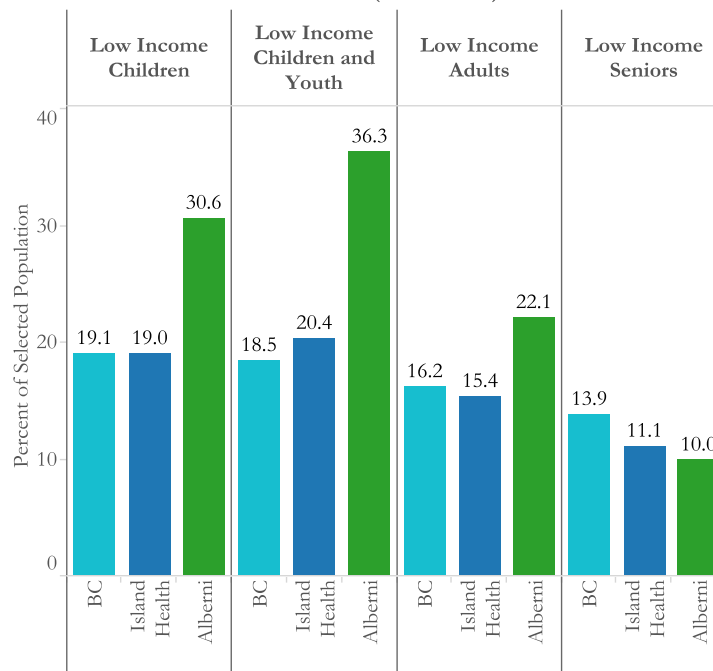
Social Determinants of Health

Access to adequate income, affordable housing, healthy food, education, early childhood development, healthy work environments and recreational opportunities influence our health and wellbeing. Health inequities – or avoidable inequalities – are directly linked to these social determinants of health. People who are less well-off have poorer health and shorter life expectancies than those who are well-off. By working upstream to improve the conditions in which all people live, work and play, we can decrease these gaps and improve the health and wellbeing of our population.

Income and Employment

Both the median household income and lone-parent family income in the Alberni LHA are lower than Island Health and BC. In addition, there is a higher proportion of low income persons among children and youth, and among adults as compared to Island health and BC; however, the proportion of low income seniors is lower. Compared to Island Health and BC, unemployment rates in Alberni are higher, and a higher percentage of the population is receiving income assistance or employment insurance.

Percent of Population with Low Income in 2010 based on after-tax low-income measure (2011 Census)



Education

Compared to Island Health and BC, a lower proportion of Alberni adult population have completed post-secondary education; however, high school graduation rates have been increasing steadily over the past five years and are similar to Island Health.

Social Support

Social support networks and connected communities contribute to individual and population health. While specific measures of social supports are not available, measures such as lone parent families and seniors living alone may highlight regions where the available community supports and connectedness of particular populations should be considered. In Alberni, there is a higher percentage of lone parent families and a similar percentage of seniors living alone compared to Island Health and BC.

See Social Determinants of Health summary on page 11 for more information on the above topics.

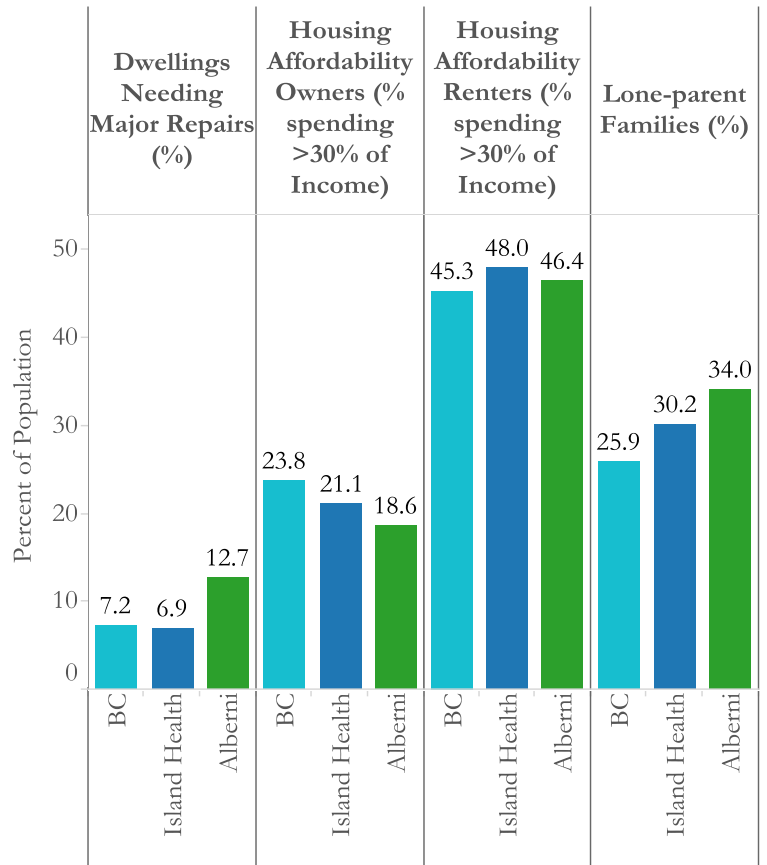


Social Determinants of Health

Housing and Transportation

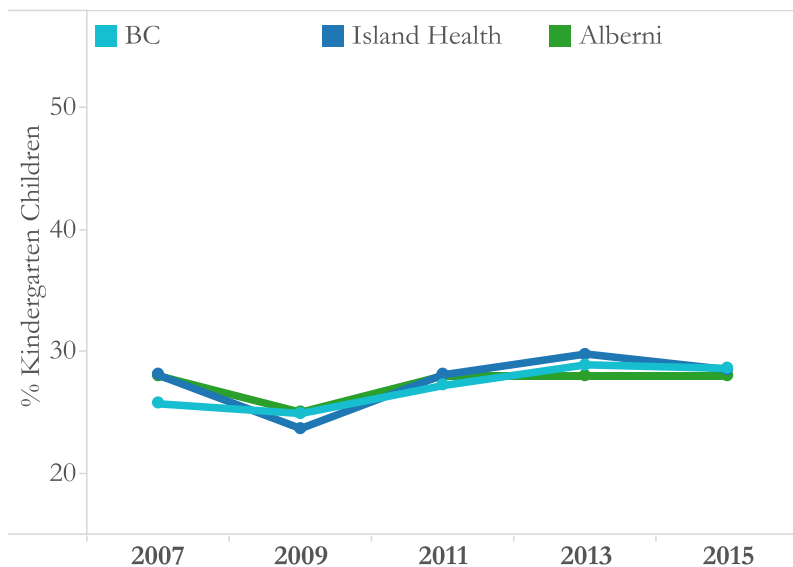
One way to measure affordability of housing is to look at how much of a household's income is spent on shelter. For the Alberni LHA, a lower percent of home owners spend more than 30% of their income on shelter compared to Island Health and BC, while a similar percent of renters spend more than 30% of their income on shelter. There is a higher percentage of crowded households in Alberni and a higher percentage of households in need of major repairs. Among those who are employed, the average time to work is 11 minutes, compared to 16 for Island Health and 20 for BC. A similar percentage of population in Alberni reports using active modes of transportation (walking, cycling, public transit) to get to work. See Social Determinants of Health summary on page 11 for more information.

Selected Household Indicators



Early Childhood Development (EDI)

Percent of preschool children vulnerable on one or more domains



Child and Youth Health

Creating supportive and healthy environments in an equitable way so that all children and youth can grow and thrive is critical to the health of the population. This includes supporting mothers during the pre- and post-natal period, supporting families during early development years and supporting children and youth to grow, learn and transition into adulthood.

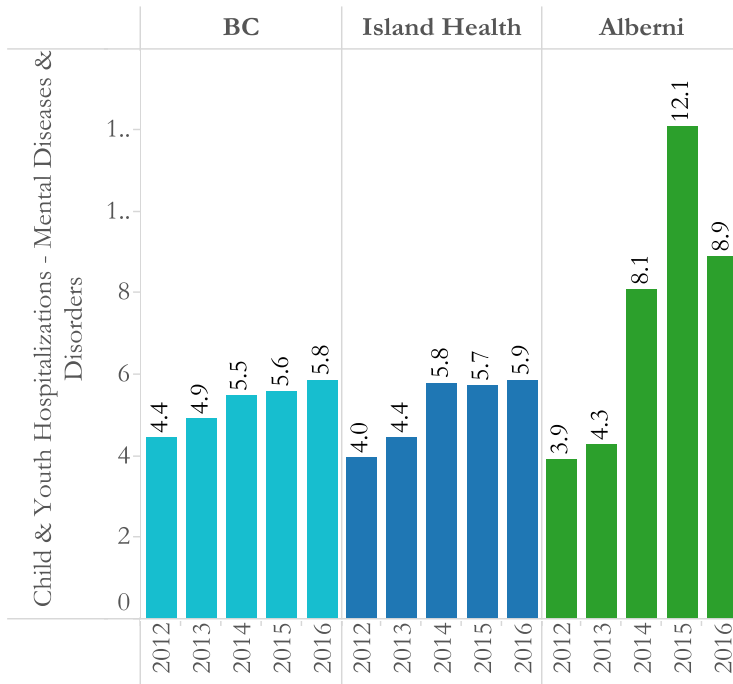
The Early Development Instrument is used to measure vulnerability in kindergarten children across five domains (social, physical, emotional, language, and communication). The Alberni LHA had similar levels of vulnerability on one or more domains as compared to Island Health and BC; however, levels were higher on the physical, language and communication domains and lower on the social domain. See Social Determinants of Health summary on page 12 for more information.



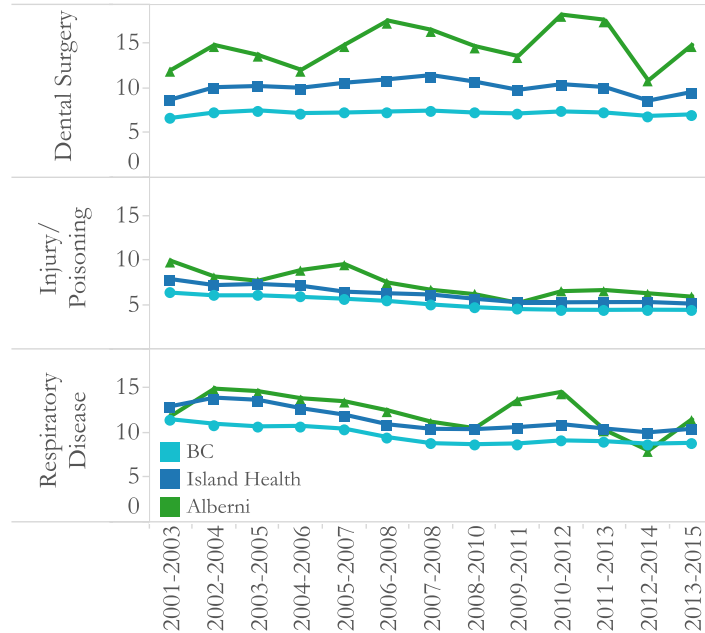
Social Determinants of Health

Child hospitalization rates for dental surgery were higher in Alberni, while hospitalization rates for respiratory disease and injury/poisoning were similar to Island Health. Alberni had a higher rate of mental health related hospitalizations for children and youth (ages 0 to 24) compared to Island Health and BC.

Mental Health Disease and Disorder Hospitalizations per 1,000 Children & Youth aged 0 to 24 years



Child Hospitalizations per 1,000 Children aged 0 to 14 years

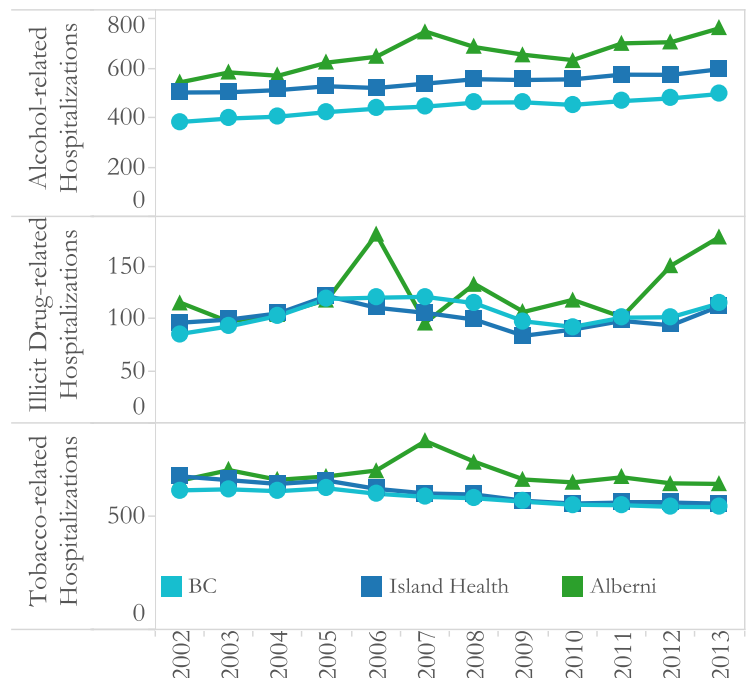


Crime and Substance Use

Island Health overall has lower crime rates (serious crime, motor vehicle theft and non-cannabis drug offences) as compared to BC; however, the Alberni LHA has the highest serious crime rates among all the Island Health LHAs. Alcohol consumption per capita is higher than the Island Health and BC average, as are the rates of alcohol- and tobacco-related hospitalizations. Similar to Island Health and BC, alcohol-related hospitalizations have shown an increasing trend over the past decade. Illicit drug-related hospitalizations have also been increasing in Alberni in recent years.

See Social Determinants of Health summary on page 12 for more information on the above topics.

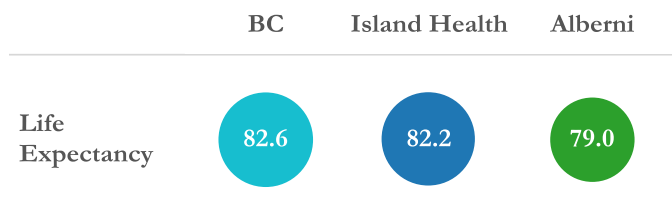
Tobacco, Alcohol and Illicit Drug Use Hospitalization Age Standardized Rate per 100,000



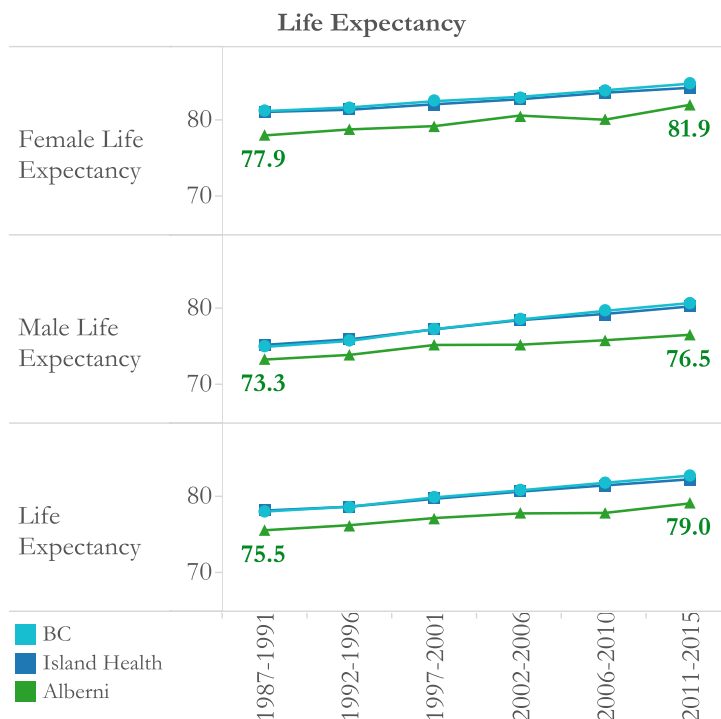


Health Status

The health status of the population includes measures such as life expectancy, infant mortality, prevalence of chronic disease, mortality and pre-mature mortality.



Over the past 30 years, life expectancy in Alberni has continued to rise but has been consistently lower than Island Health and BC. In 2011-2015, Alberni residents had a life expectancy of 79 years, around 3 years lower than Island Health overall.



At 10.1 per 100,000, the birth rate for the Alberni LHA is higher than Island Health (8.4) and BC (9.6). There are proportionately more births to younger mothers (under 20 years old) and less births to older mothers (35 years and over). While the rate of low birth weight babies is similar to Island Health, the rate of pre-term births (those born at less than 37 weeks) and infant mortality is higher. See Health Status summary on page 13 for more information on these topics.

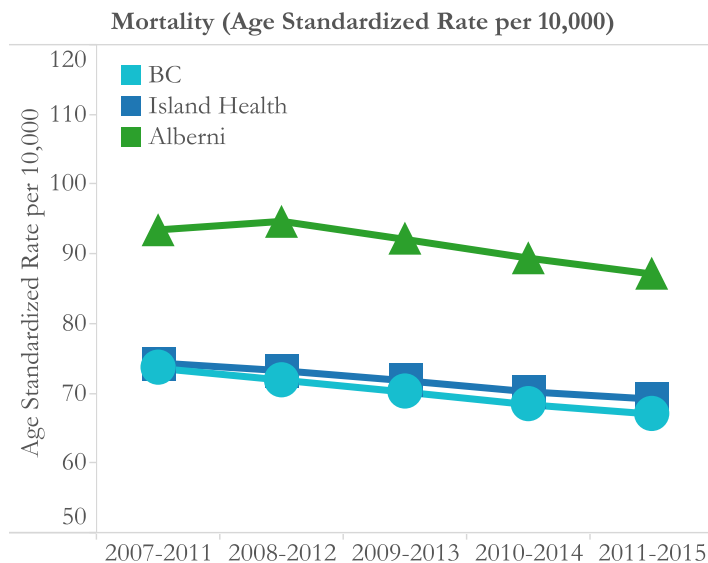
Birth Statistics, 2011-2015 Per 1,000 Live Births

	BC	Island Health	Alberni
Infant Mortality	3.7	3.7	5.2
Mothers under 20 years	22.2	32.4	96.0
Low Birth Weight	57.6	52.5	51.5
Pre-term Births	75.3	77.3	99.2
Cesarean Sections	320.6	280.5	275.1
Mothers 35 years and over	241.1	212.2	129.5



Health Status

The all-cause age-standardized mortality rate for the Alberni LHA is significantly higher than Island Health and BC rates. Compared to BC, there is also a higher than expected number of deaths for many causes including cancer, diabetes, circulatory system diseases, chronic lung disease and motor vehicle accidents. There is a lower than expected number of deaths due to pneumonia and influenza, although the numbers are small and the difference is not significant. See Health Status summary on page 14 for mortality rates; a complete list of Standardized Mortality Ratios by cause can be found on page 15.



Chronic disease prevalence rates for heart failure, chronic kidney disease, diabetes, chronic obstructive pulmonary disease, and osteoarthritis are higher for the Alberni LHA in comparison to Island Health and BC. All rates shown below are age-standardized for comparability across regions. See Health Status summary on page 13 for more information.

Chronic Disease Prevalence Rates (2014/15)
Per 1,000 Individuals

	BC	Island Health	Alberni
Heart Failure	14.1	12.6	16.7
Chronic Kidney Disease	16.9	16.5	18.5
Alzheimer's Disease and Other Dementia	18.0	19.1	20.0
Ischemic Heart Disease	53.8	47.3	49.3
Diabetes	61.5	54.1	69.9
Chronic Obstructive Pulmonary Disease	62.1	61.2	70.1
Osteoarthritis	64.0	68.6	79.0
Asthma	120.7	129.7	136.1
Hypertension	182.6	173.7	189.2
Depression	218.5	246.2	259.3
Mood & Anxiety Disorders	267.0	302.4	300.7



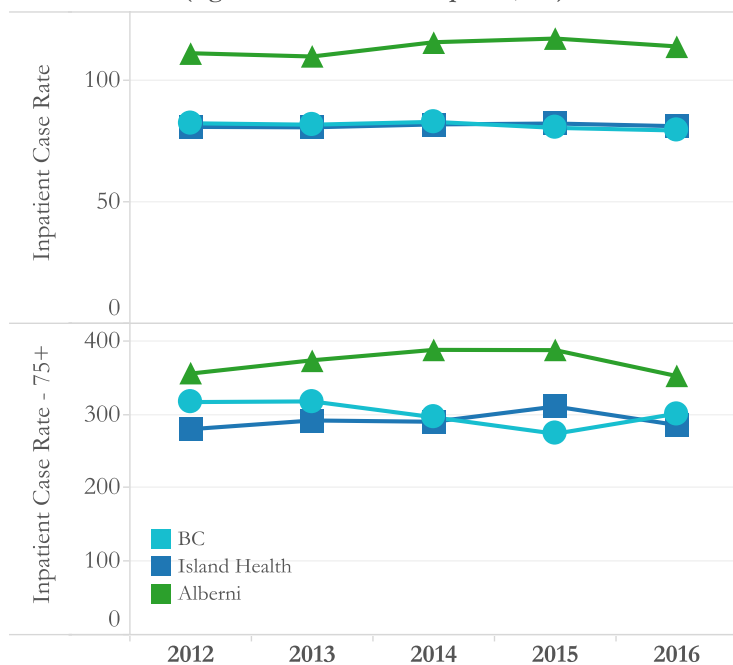
Health Service Use

The hospitalization rate (inpatient admissions) for the Alberni LHA population is higher than Island Health and BC, both overall and for the population aged 75 and over. By service area, Alberni has higher rates of acute care admissions for all four service areas, although the difference is most pronounced for medical services.

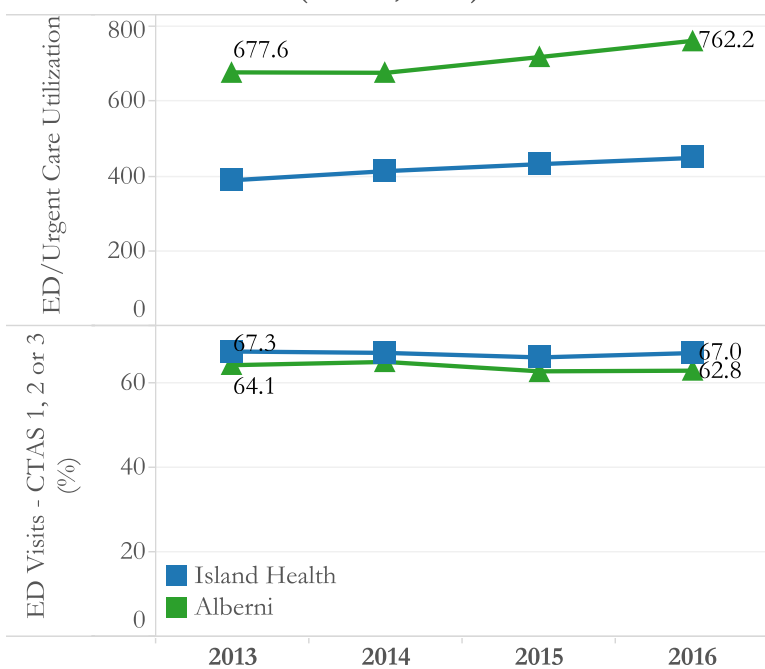
Hospital admission rates for Ambulatory Care Sensitive Conditions (ASCS) - conditions that can be treated in the community if services are available and wouldn't necessarily require hospitalization – are higher in Alberni for the general population, but are similar for the population aged 75 years and over.

Similar to hospitalization rates, emergency/urgent care visit rates, both overall and for those 75 years and over, are higher in Alberni as compared to Island Health. See Health Service Utilization summary on page 16 for more information on these topics.

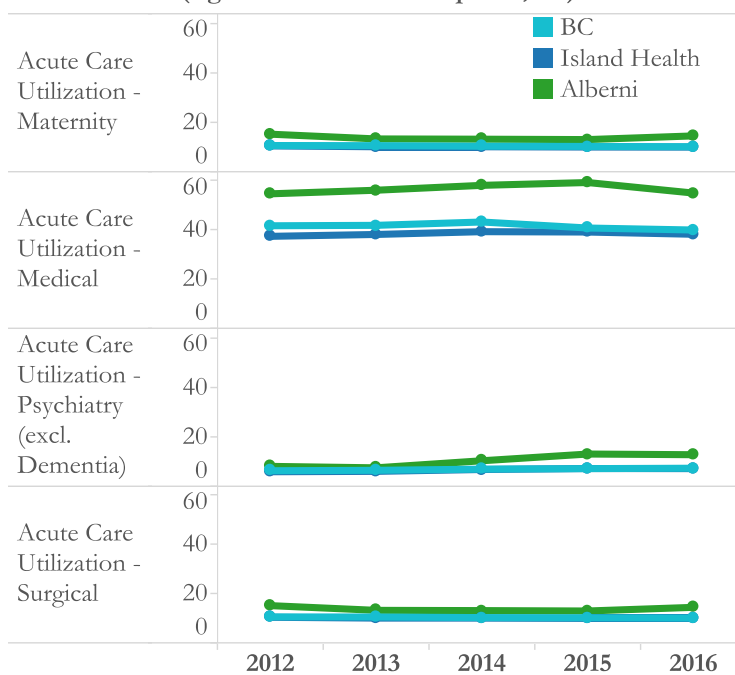
Acute Care Inpatient Cases
(Age Standardized Rate per 10,000)



Unscheduled Emergency and Urgent Care Centre Visits
Rate per 1,000 Population and Percent of Higher Urgency
(CTAS 1, 2 or 3)



Acute Care Inpatient Cases by Service
(Age Standardized Rate per 10,000)

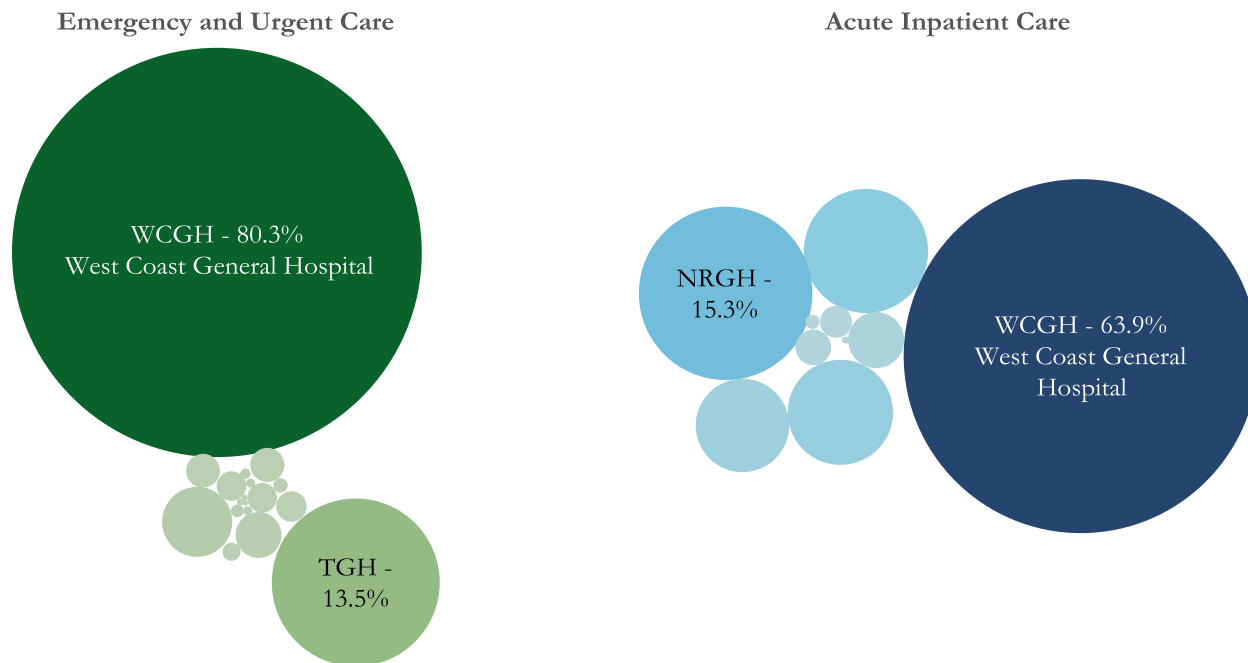




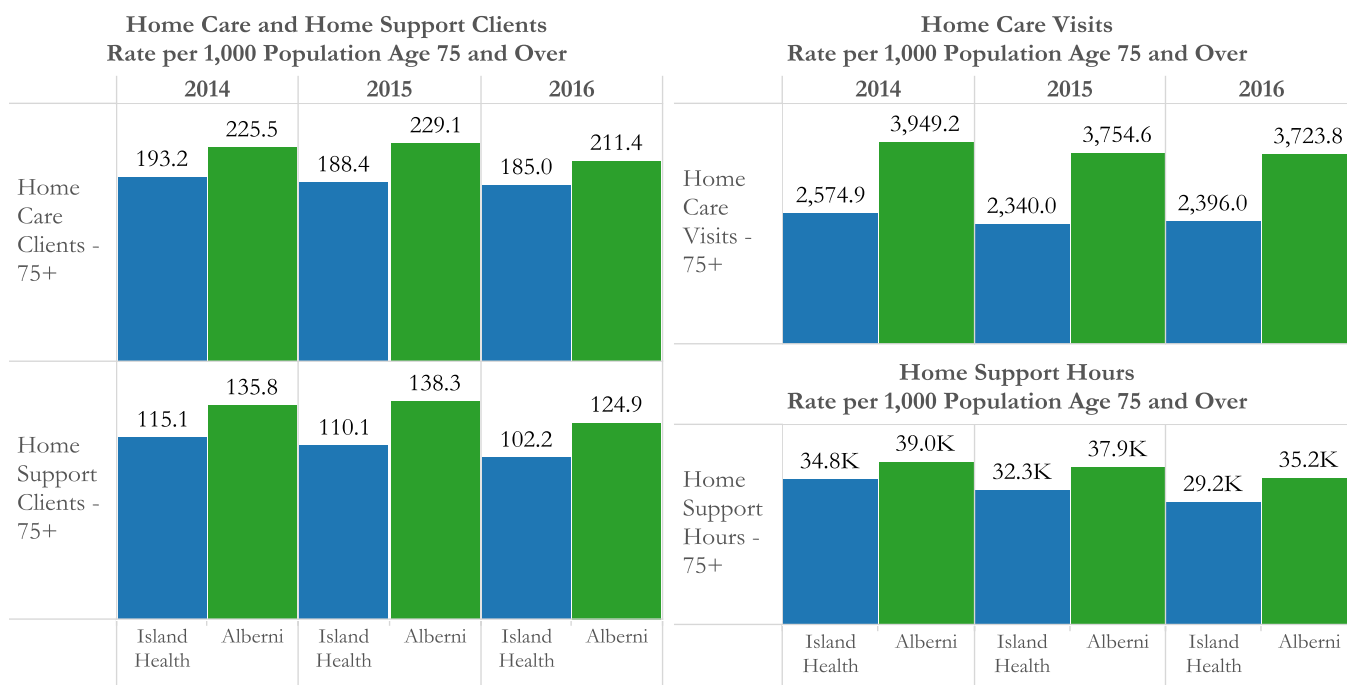
Health Service Use

The majority of hospital visits for both emergency/urgent care and acute care visits made by the Alberni LHA population are to the West Coast General Hospital; for emergent/urgent care, this is followed by Tofino General Hospital while for acute care visits, this is followed by Nanaimo Regional General Hospital.

Service Use By Facility - 2015/16



There is a higher number of home care and home support clients per 1,000 people – both overall and for the population aged 75 and over – for the Alberni LHA compared to Island Health. The number of home care visits per 1,000 people is similarly higher both overall and for the population aged 75 and over; the number of home support hours per 1,000 people is higher for the population aged 75 and over, but is similar to Island Health for the general population. See Health Service Utilization summary on page 16 for more information on these topics.

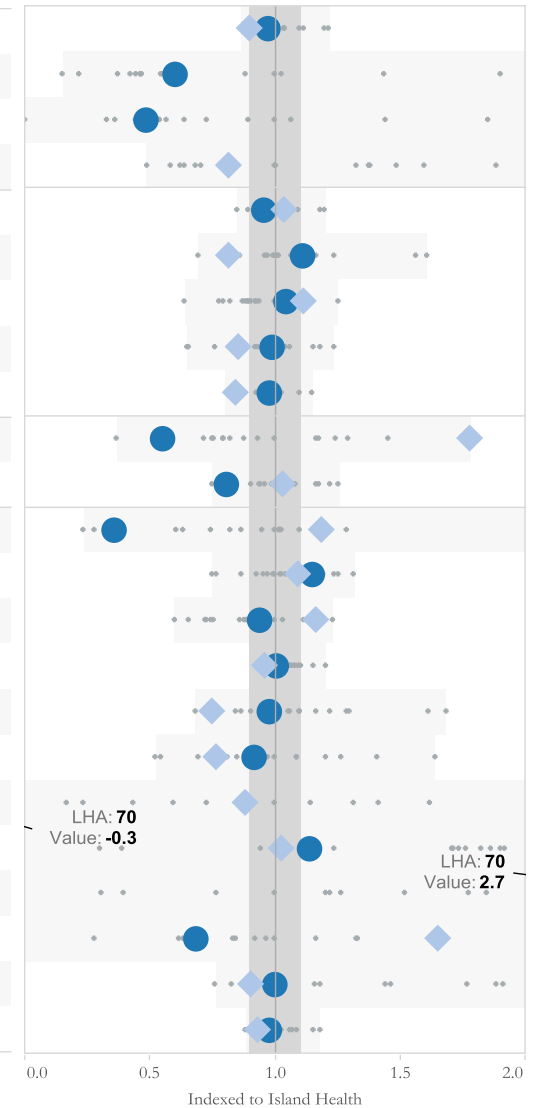


● LHA ● LHA Better than Island Health ● LHA Worse than Island Health ◆ BC Rate, when available □ Range ● Other LHAs ■ Island Health Value with ±10%

The chart below shows how various indicators for this LHA compare with the rest of Island Health. This LHA's result for each indicator is shown with a large circle. Green identifies results better than Island Health; red identifies results worse than Island Health. Island Health's value is shown by the black dotted line, which is always at the centre of the chart. Light gray shading encompassing small grey circles indicates the range of other LHA values and the dark gray shading shows $\pm 10\%$ from the Island Health value.

Population and Demographics Summary

Sub-group Description	Indicator Description	Alberni	Island Health	BC
Age and Demographics	Median Age of Population	45.1	46.4	41.9
	Population where language spoken most often at home is not English or French (%)	2.0	3.3	15.4
	Visible minority population (%)	3.7	7.6	27.3
	Population in private households with Aboriginal Identity (%)	16.9	6.6	5.4
Marital Status	Population aged 15 and over who are married (%)	45.5	47.5	49.2
	Population aged 15 and over who are common-law (%)	11.7	10.6	8.6
	Population aged 15 and over who are single, never married (%)	25.5	24.5	27.2
	Population aged 15 and over who are widowed (%)	6.4	6.4	5.5
	Population aged 15 and over who are separated or divorced (%)	10.8	11.1	9.4
Migration and Immigrants	Immigrant population (%)	8.6	15.5	27.6
	Population migrating to area in the last 5 years (%)	16.4	20.4	21.1
Population and Population Projection	Total population growth between 2016 and 2026	3.8	10.6	12.6
	Population aged 0-19 (%)	20.9	18.2	19.9
	Population aged 20-44 (%)	27.9	29.7	34.7
	Population aged 45-64 (%)	29.3	29.2	28.1
	Population aged 65-74(%)	12.9	13.2	9.9
	Population aged 75 and over (%)	9.0	9.8	7.5
	Percent growth of the 0-19 age group population in next 10 years	-1.8	8.5	7.6
	Percent growth of the 20-44 age group population in next 10 years	10.0	8.8	9.0
	Percent growth of the 45-64 age group population in next 10 years	-20.1	-7.4	1.8
	Percent growth of the 65-74 age group population in next 10 years	13.9	20.4	33.7
	Percent growth of the 75+ age group population in next 10 years	60.1	60.1	54.5
	Average Age (People 2016)	43.8	44.9	42.0

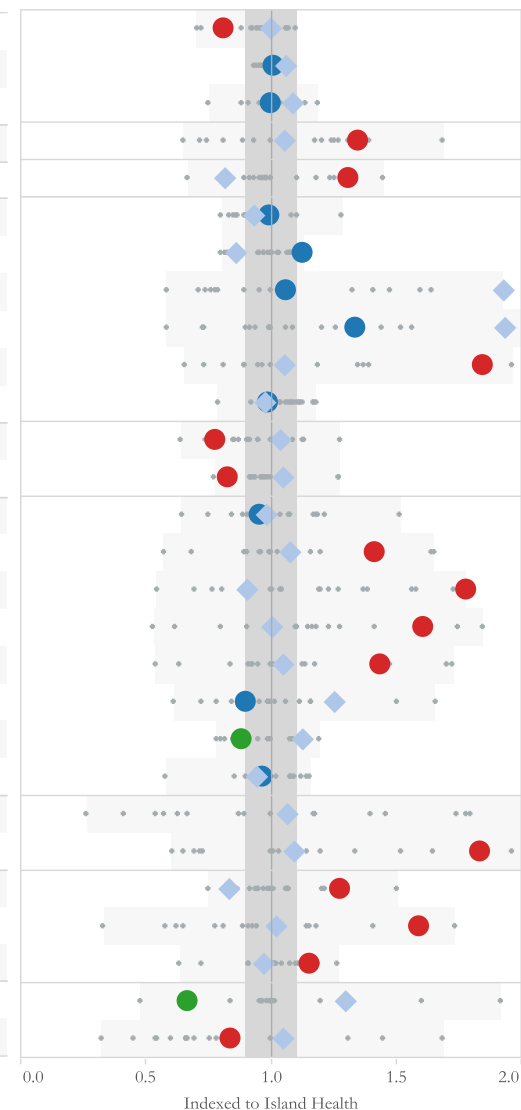


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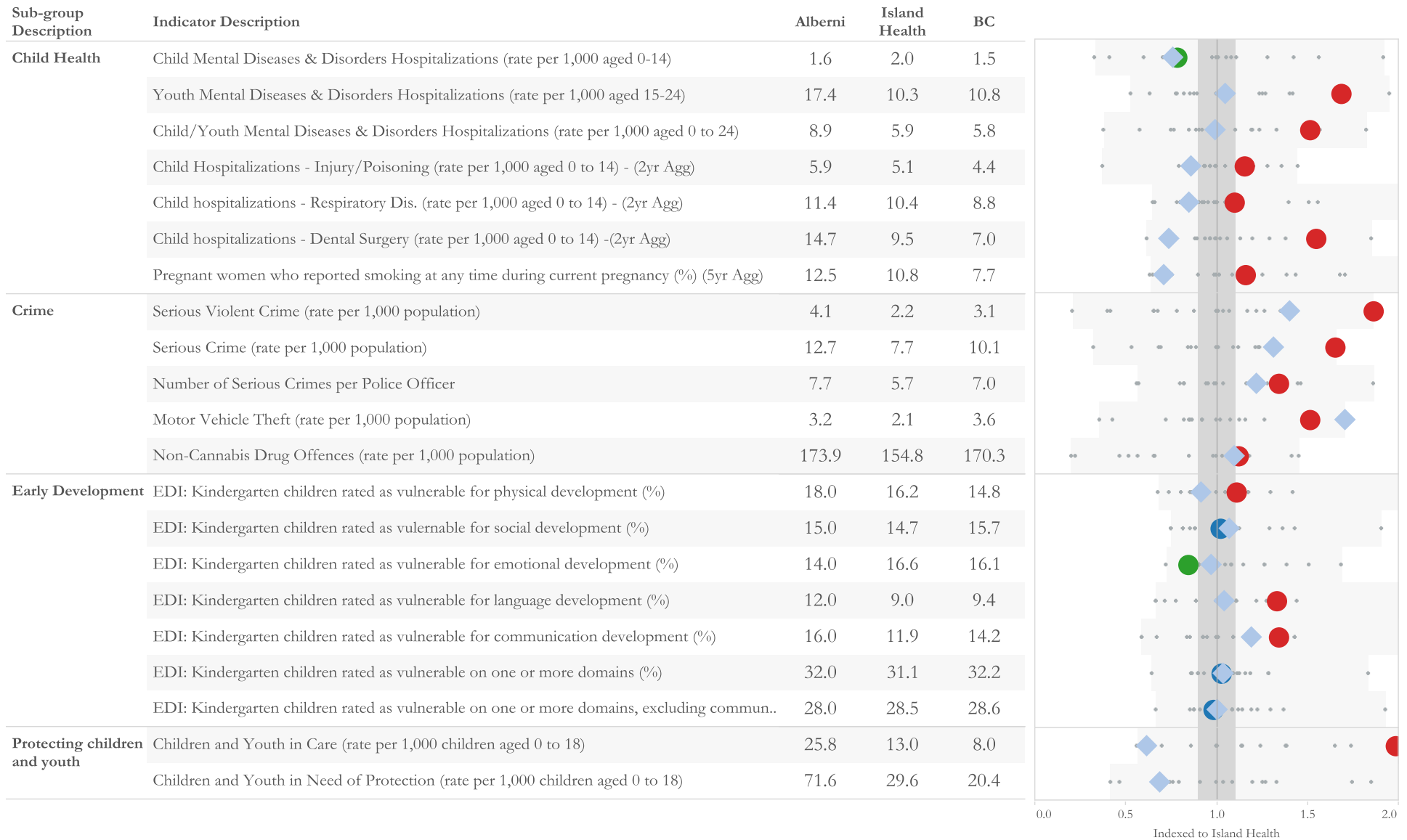
Social Determinants of Health Summary

Sub-group Description	Indicator Description	Alberni	Island Health	BC
Education	Population aged 25 to 64 with post secondary certificate, diploma or degree (%)	52.4	64.8	64.8
	Grade 12 completion among students entering Grade 12 for the first time (%) (2yr Agg)	76.8	76.0	80.5
	Students completing high school within six years of enrollment in Grade 8 (%) (2yr Agg)	76.7	76.6	83.3
Employment	Population aged 15 and over who are unemployed (%)	10.0	7.4	7.8
Health Behaviours	Alcohol consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks)	14.4	10.9	9.0
Household	Persons aged 65 years and over who are living alone (%)	27.4	27.6	25.7
	Lone-parent family households (% of census families with children)	34.0	30.2	25.9
	Private households with multiple families (%)	1.6	1.5	2.9
	Private households with 6 or more persons (%)	2.3	1.7	3.3
	Dwellings rated as needing major repairs by renter or owner (%)	12.7	6.9	7.2
	Private households that are owner-occupied (%)	71.0	71.6	70.0
	Income	Median lone-parent family income (\$)	31,895.0	40,914.0
	Median household total income (\$)	47,707.0	57,420.0	60,333.0
Income Inequality	Difference in median income comparing males and females aged 15 and over	11,616.0	12,177.0	12,003.0
	Low income in 2010 based on after-tax low income measure (%)	21.5	15.2	16.4
	Low income in 2010 based on after-tax low-income measure, ages less than 18 years (%)	36.3	20.4	18.5
	Low income in 2010 based on after-tax low-income measure, ages less than 6 years (%)	30.6	19.0	19.1
	Low income in 2010 based on after-tax low-income measure, ages 18 to 64 years (%)	22.1	15.4	16.2
	Low income in 2010 based on after-tax low-income measure, ages 65 years and over (%)	10.0	11.1	13.9
	Households (owned) spending more than 30% of income on housing (%)	18.6	21.1	23.8
	Households (rented) spending more than 30% of income on housing (%)	46.4	48.0	45.3
Income Supports	Population on Income Assistance (%)	4.0	1.8	1.9
	Population aged 15 and over on Employment Insurance (%)	2.5	1.4	1.5
Morbidity	Alcohol-related hospitalizations (age-standardized rate per 100,000)	763.3	596.6	496.3
	Illicit drug-related hospitalizations (age-standardized rate per 100,000)	178.9	112.3	115.0
	Tobacco-related hospitalizations (age-standardized rate per 100,000)	641.0	554.0	538.8
Transportation	Median duration of commute to work among employed population aged 15 and over	10.5	15.7	20.4
	Employed population aged 15 and over walking, biking or using public transit to work (%)	18.5	22.0	23.1



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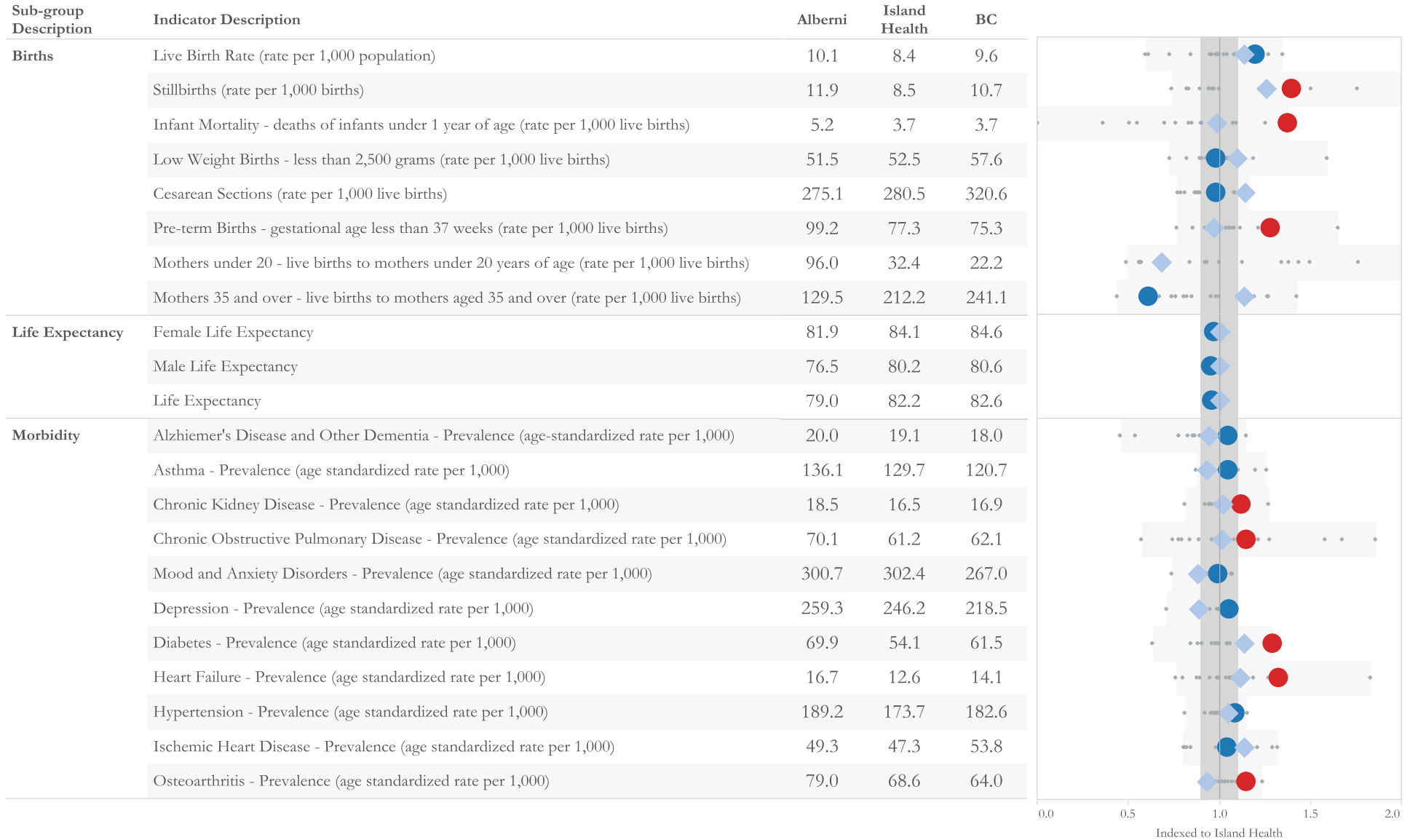
The chart below shows how various indicators for this LHA compare with the rest of Island Health. This LHA's result for each indicator is shown with a large circle. Green identifies results better than Island Health; red identifies results worse than Island Health. Island Health's value is shown by the black dotted line, which is always at the centre of the chart. Light gray shading encompassing small grey circles indicates the range of other LHA values and the dark gray shading shows $\pm 10\%$ from the Island Health value.



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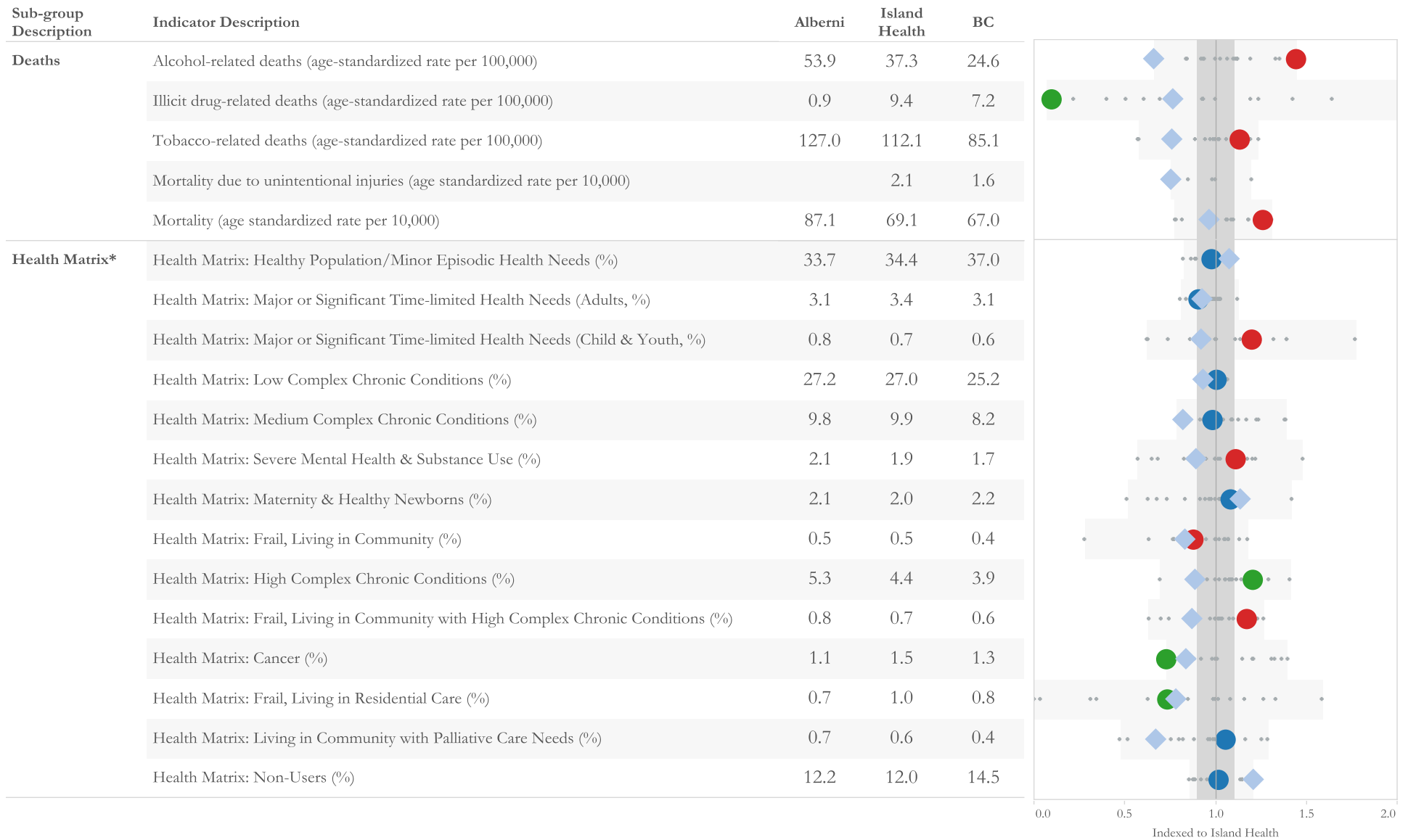
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Health Status Summary Information

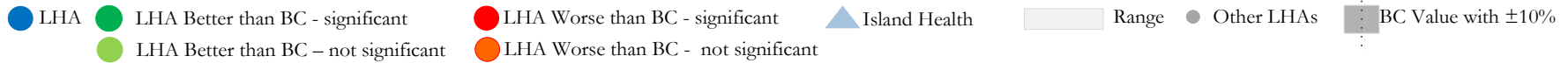


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*The Health Matrix is a way of categorizing the population into different groups based on their health service utilization patterns. These categories are mutually exclusive and add up to 100% - in other words, everyone is placed into one of the categories, going from low or no utilization to high utilization at end of life; people who may meet the criteria for more than one category would be placed into the higher utilization category – for example, someone with medium complex chronic conditions who was also living in residential care would be counted in the Frail, Living in Residential Care category

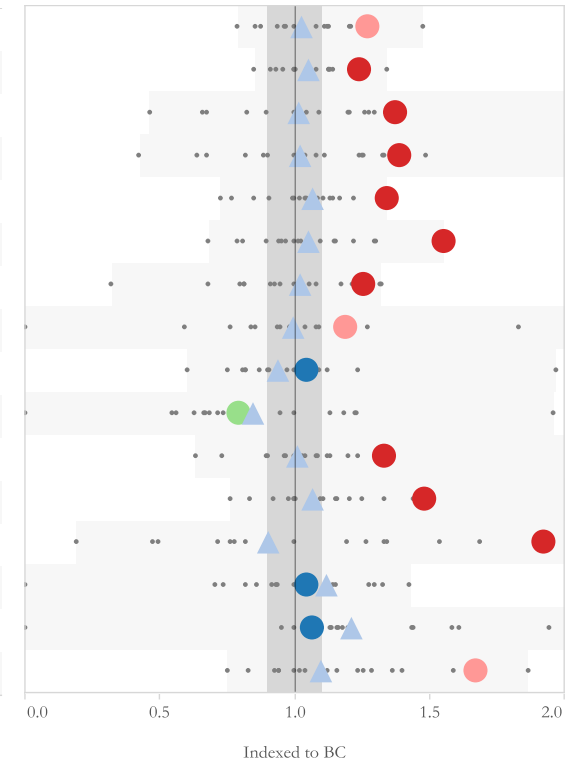


The chart below shows how various indicators for this LHA compare with the rest of BC. This LHA's result for each indicator is shown with a large circle. Green identifies results better than BC; red identifies results worse than BC. BC's value is shown by the black dotted line, which is always at the centre of the chart. Light gray shading encompassing small grey circles indicates the range of other LHA values and the dark gray shading shows $\pm 10\%$ from the BC value.

Standardized Mortality Ratios

Ratio of observed deaths over expected deaths based on provincial age-specific mortality rates.

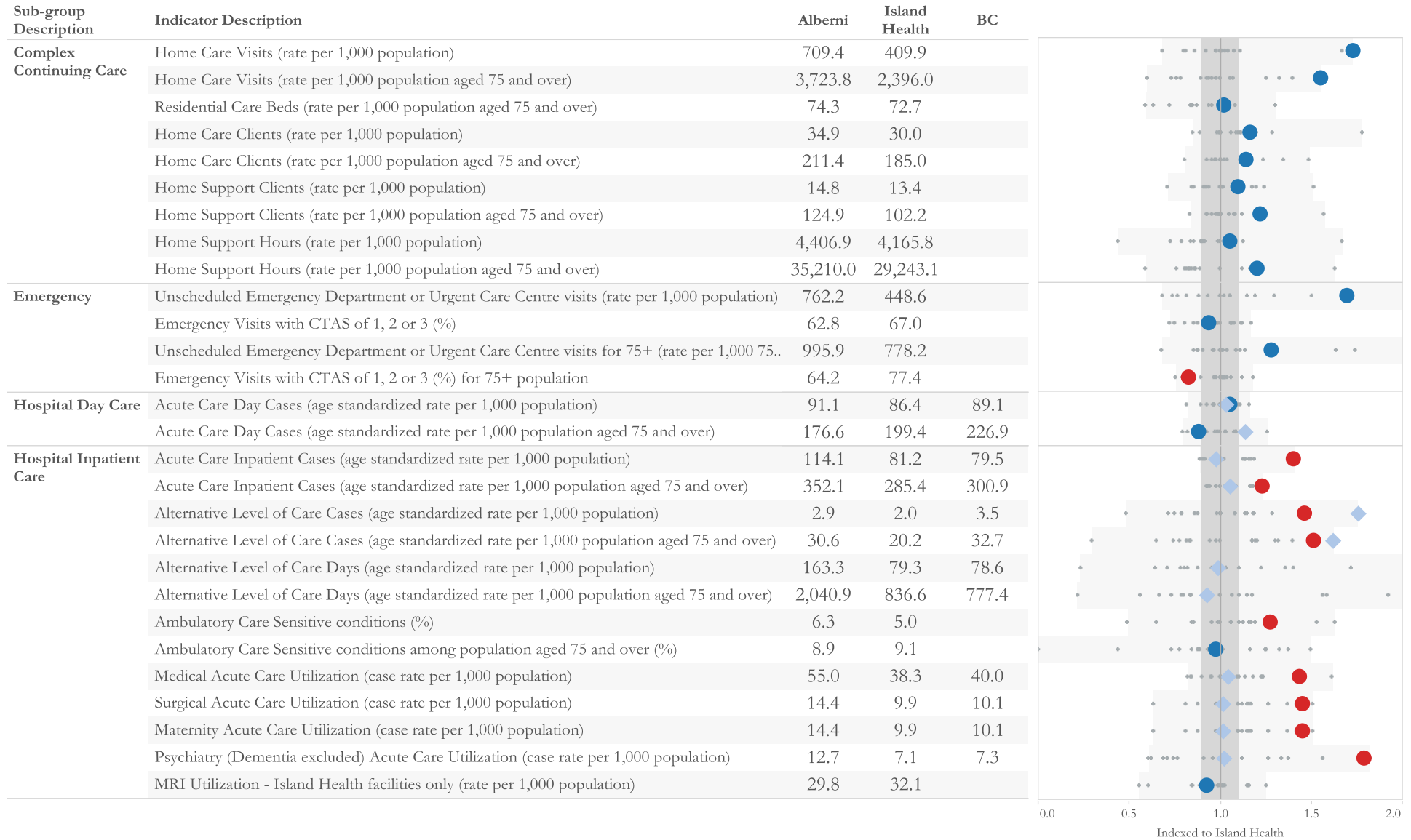
Sub-group Description	Indicator Description	Alberni	Island Health	BC
Deaths compared to BC	All Causes of Death (Standardized Mortality Ratio)	1.27	1.03	1.00
	Cancer (Standardized Mortality Ratio)	1.24	1.05	1.00
	Endocrine, Nutritional & Metabolic diseases (Standardized Mortality Ratio)	1.38	1.01	1.00
	Diabetes (Standardized Mortality Ratio)	1.39	1.02	1.00
	Circulatory System (Standardized Mortality Ratio)	1.34	1.07	1.00
	Ischaemic Heart Disease (Standardized Mortality Ratio)	1.56	1.05	1.00
	Cerebrovascular Disease (Standardized Mortality Ratio)	1.26	1.02	1.00
	Arteries, Arterioles & Capillaries (Standardized Mortality Ratio)	1.19	1.00	1.00
	Respiratory System (Standardized Mortality Ratio)	1.05	0.94	1.00
	Pneumonia & Influenza (Standardized Mortality Ratio)	0.79	0.85	1.00
	Chronic Lung Disease (Standardized Mortality Ratio)	1.34	1.01	1.00
	Digestive System (Standardized Mortality Ratio)	1.48	1.07	1.00
	Motor Vehicle Accidents (Standardized Mortality Ratio)	1.93	0.90	1.00
	Accidental Falls (Standardized Mortality Ratio)	1.05	1.12	1.00
	Suicide (Standardized Mortality Ratio)	1.07	1.21	1.00
	Potential Years of Life Lost (Standardized Mortality Ratio)	1.67	1.10	1.00



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 ◆ BC Rate, when available
 Range
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Health Service Use Summary Information





Population and Demographics

Age and Demographics

Median Age of Population: Census, Calendar year 2011 | Population in private households with Aboriginal Identity (%): National Household Survey, Calendar year 2011 | Population where language spoken most often at home is not English or French (%): Census, Calendar year 2011 | Visible minority population (%): National Household Survey, Calendar year 2011

Marital Status

Population aged 15 and over who are common-law (%): Census, Calendar year 2011 | Population aged 15 and over who are married (%): Census, Calendar year 2011 | Population aged 15 and over who are separated or divorced (%): Census, Calendar year 2011 | Population aged 15 and over who are single, never married (%): Census, Calendar year 2011 | Population aged 15 and over who are widowed (%): Census, Calendar year 2011

Migration and Immigrants

Immigrant population (%): National Household Survey, Calendar year 2011 | Population migrating to area in the last 5 years (%): National Household Survey, Calendar year 2011

Population and Population Projection

Average Age (People 2016): BC Statistics - People 2016, Calendar year ending 2016 | Percent growth of the 0-19 age group population in next 10 years: BC Statistics - People 2015, Version 2015 | Percent growth of the 20-44 age group population in next 10 years: BC Statistics - People 2015, Version 2015 | Percent growth of the 45-64 age group population in next 10 years: BC Statistics - People 2015, Version 2015 | Percent growth of the 65-74 age group population in next 10 years: BC Statistics - People 2015, Version 2015 | Percent growth of the 75+ age group population in next 10 years: BC Statistics - People 2015, Version 2015 | Population aged 0-19 (%): BC Statistics - People 2015, Version 2015 | Population aged 20-44 (%): BC Statistics - People 2015, Version 2015 | Population aged 45-64 (%): BC Statistics - People 2015, Version 2015 | Population aged 65-74(%): BC Statistics - People 2015, Version 2015 | Population aged 75 and over (%): BC Statistics - People 2015, Version 2015 | Total population growth between 2016 and 2026: BC Statistics - People 2015, Version 2015

Social Determinants of Health

Child Health

Child hospitalizations - Dental Surgery (rate per 1,000 aged 0 to 14) -(2yr Agg): Ministry of Health Health Ideas, Period ending 2013-2015 | Child Hospitalizations - Injury/Poisoning (rate per 1,000 aged 0 to 14) - (2yr Agg): Ministry of Health Health Ideas, Period ending 2013-2015 | Child hospitalizations - Respiratory Dis. (rate per 1,000 aged 0 to 14) - (2yr Agg): Ministry of Health Health Ideas, Period ending 2013-2015 | Child Mental Diseases & Disorders Hospitalizations (rate per 1,000 aged 0-14): Ministry of Health Health Ideas, Fiscal year ending 2016 | Child/Youth Mental Diseases & Disorders Hospitalizations (rate per 1,000 aged 0 to 24): Ministry of Health Health Ideas, Fiscal year ending 2016 | Pregnant women who reported smoking at any time during current pregnancy (%) (5yr Agg): Perinatal Registry, Period ending 2010-2015



Data Sources

| Youth Mental Diseases & Disorders Hospitalizations (rate per 1,000 aged 15-24): Ministry of Health Health Ideas, Fiscal year ending 2016

Crime

Motor Vehicle Theft (rate per 1,000 population): BC Statistics, Avg 2009-2011 2012 | Non-Cannabis Drug Offences (rate per 1,000 population): BC Statistics, Avg 2009-2011 2012 | Number of Serious Crimes per Police Officer: BC Statistics, Avg 2009-2011 2012 | Serious Crime (rate per 1,000 population): BC Statistics, Avg 2009-2011 2012 | Serious Violent Crime (rate per 1,000 population): BC Statistics, Avg 2009-2011 2012

Early Development

EDI: Kindergarten children rated as vulnerable for social development (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable for communication development (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable for emotional development (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable for language development (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable for physical development (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable on one or more domains (%): Early Development Instrument, Wave ending 2015 | EDI: Kindergarten children rated as vulnerable on one or more domains, excluding communication (%): Early Development Instrument, Wave ending 2015

Education

Grade 12 completion among students entering Grade 12 for the first time (%) (2yr Agg): Ministry of Education, Period ending 2013-2015 | Population aged 25 to 64 with post secondary certificate, diploma or degree (%): National Household Survey, Calendar year 2011 | Students completing high school within six years of enrollment in Grade 8 (%) (2yr Agg): Ministry of Education, Fiscal year ending 2013-2015

Employment

Population aged 15 and over who are unemployed (%): National Household Survey, Calendar year 2011

Health Behaviours

Alcohol consumption (litres of absolute alcohol sold per person, 1L=58 standard drinks): AOD, Calendar Year 2014

Household

Dwellings rated as needing major repairs by renter or owner (%): National Household Survey, Calendar year 2011 |

Lone-parent family households (% of census families with children): Census, Calendar year 2011 | Persons aged 65 years and over who are living alone (%): Census, Calendar year 2011 | Private households that are owner-occupied (%): National Household Survey, Calendar year 2011 | Private households with 6 or more persons (%): Census, Calendar year 2011 | Private households with multiple families (%): Census, Calendar year 2011

Income

Median household total income (\$): National Household Survey, Calendar year 2011 | Median lone-parent family income (\$): National Household Survey, Calendar year 2011



Data Sources

Income Inequality

Difference in median income comparing males and females aged 15 and over: National Household Survey, Calendar year 2011 | Households (owned) spending more than 30% of income on housing (%): National Household Survey, Fiscal year ending 2011 | Households (rented) spending more than 30% of income on housing (%): National Household Survey, Fiscal year ending 2011 | Low income in 2010 based on after-tax low income measure (%): National Household Survey, Calendar year 2011 | Low income in 2010 based on after-tax low-income measure, ages 18 to 64 years (%): National Household Survey, Calendar year 2011 | Low income in 2010 based on after-tax low-income measure, ages 65 years and over (%): National Household Survey, Calendar year 2011 | Low income in 2010 based on after-tax low-income measure, ages less than 6 years (%): National Household Survey, Calendar year 2011 | Low income in 2010 based on after-tax low-income measure, ages less than 18 years (%): National Household Survey, Calendar year 2011

Income Supports

Population aged 15 and over on Employment Insurance (%): BC Statistics, 4 quarter average as of Sept 2012 2012 | Population on Income Assistance (%): BC Statistics, September 2012

Morbidity

Alcohol-related hospitalizations (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013 | Illicit drug-related hospitalizations (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013 | Tobacco-related hospitalizations (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013

Protecting children and youth

Children and Youth in Care (rate per 1,000 children aged 0 to 18): Ministry of Children and Family Development, Fiscal year ending 2014 | Children and Youth in Care (rate per 1,000 children aged 0 to 18): Ministry of Children and Family Development, Fiscal year ending 2015 | Children and Youth in Care (rate per 1,000 children aged 0 to 18): Ministry of Children and Family Development, Fiscal year ending 2016 | Children and Youth in Need of Protection (rate per 1,000 children aged 0 to 18): Ministry of Children and Family Development, End of August 2014

Transportation

Employed population aged 15 and over walking, biking or busing to work (%): National Household Survey, Calendar year 2011 | Median duration of commute to work among employed population aged 15 and over: National Household Survey, Calendar year 2011

Health Status

Births

Cesarean Sections (rate per 1,000 live births): Vital Statistics, Calendar year ending 2011-2015 | Infant Mortality - deaths of infants under 1 year of age (rate per 1,000 live births): Vital Statistics, Calendar year ending 2011-2015 | Live Birth Rate (rate per 1,000 population): Vital Statistics, Calendar year ending 2011-2015 | Low Weight Births - less than 2,500 grams (rate per 1,000 live births): Vital Statistics, Calendar year ending 2011-2015 | Mothers 35 and over - live births to mothers aged 35 and over (rate per 1,000 live births): Vital Statistics, Calendar year ending 2009-2013 | Mothers 35 and over - live births to mothers aged 35 and over (rate per 1,000 live births): Vital Statistics, Calendar year ending 2011-2015 | Mothers under 20 - live births to mothers under 20 years of age (rate per 1,000 live births): Vital Statistics, Calendar year ending



Data Sources

2011-2015 | Pre-term Births - gestational age less than 37 weeks (rate per 1,000 live births): Vital Statistics, Calendar year ending 2011-2015 | Stillbirths (rate per 1,000 births): Vital Statistics, Calendar year ending 2011-2015

Deaths

Alcohol-related deaths (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013 | Illicit drug-related deaths (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013 | Mortality (age standardized rate per 10,000): Vital Statistics, Calendar year ending 2011-2015 | Mortality due to unintentional injuries (age standardized rate per 10,000): Vital Statistics, Calendar year ending 2013 | Tobacco-related deaths (age-standardized rate per 100,000): CARBC, Fiscal year ending 2013

Deaths compared to BC

Accidental Falls (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | All Causes of Death (Standardized Mortality Ratio, Island Health: BC): Vital Statistics, Calendar year ending 2011-2015 | Cancer (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Cerebrovascular Disease (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Chronic Lung Disease (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Circulatory System (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Diabetes (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Lung Cancer (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011 | Motor Vehicle Accidents (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Pneumonia & Influenza (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Potential Years of Life Lost (Standardized Mortality Ratio, Island Health: BC): Vital Statistics, Calendar year ending 2011-2015 | Respiratory System (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015 | Suicide (Standardized Mortality Ratio): Vital Statistics, Calendar year ending 2011-2015

Health Matrix

Health Matrix: Non-Users (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Cancer (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Frail, Living in Community (%): Blue Matrix and People, Fiscal year ending 2015 |

Health Matrix: Frail, Living in Community with High Complex Chronic Conditions (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Frail, Living in Residential Care (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Healthy Population/Minor Episodic Health Needs (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: High Complex Chronic Conditions (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Living in Community with Palliative Care Needs (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Low Complex Chronic Conditions (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Major or Significant Time-limited Health Needs (Adults, %): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Major or Significant Time-limited Health Needs (Child & Youth, %): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Maternity & Healthy Newborns (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Medium Complex Chronic Conditions (%): Blue Matrix and People, Fiscal year ending 2015 | Health Matrix: Severe Mental Health & Substance Use (%): Blue Matrix and People, Fiscal year ending 2015



Data Sources

Life Expectancy

Female Life Expectancy: BC Statistics, Calendar Year Range 2011-2015 | Life Expectancy: BC Statistics, Calendar Year Range 2011-2015 | Male Life Expectancy: BC Statistics, Calendar Year Range 2011-2015

Morbidity

Alzheimer's Disease and Other Dementia - Prevalence (age-standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Asthma - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Chronic Kidney Disease - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Chronic Obstructive Pulmonary Disease - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Depression - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Diabetes - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Heart Failure - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Hypertension - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Ischemic Heart Disease - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Mood and Anxiety Disorders - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015 | Osteoarthritis - Prevalence (age standardized rate per 1,000): MoH - Chronic Disease Registries, Fiscal year ending 2015

Health Service Utilization

Complex Continuing Care

Home Care Clients (rate per 1,000 population aged 75 and over): Island Health - Ideas, Fiscal year ending 2016 | Home Care Clients (rate per 1,000 population): Island Health - Ideas, Fiscal year ending 2016 | Home Care Visits (rate per 1,000 population aged 75 and over): Island Health - Ideas, Fiscal year ending 2016 | Home Care Visits (rate per 1,000 population): Island Health - Ideas, Fiscal year ending 2016 | Home Support Clients (rate per 1,000 population aged 75 and over): Island Health - Ideas, Fiscal year ending 2016 | Home Support Clients (rate per 1,000 population): Island Health - Ideas, Fiscal year ending 2016 | Home Support Hours (rate per 1,000 population aged 75 and over): Island Health - Ideas, Fiscal year ending 2016 | Home Support Hours (rate per 1,000 population): Island Health - Ideas, Fiscal year ending 2016 | Residential Care Beds (rate per 1,000 population aged 75 and over): Island Health - Ideas, Fiscal year ending 2016

Emergency

Emergency Visits with CTAS of 1, 2 or 3 (%) for 75+ population: Island Health - Ideas, Fiscal year ending 2016 | Emergency Visits with CTAS of 1, 2 or 3 (%): Island Health - Ideas, Fiscal year ending 2016 | Unscheduled Emergency Department or Urgent Care Centre visits (rate per 1,000 population): Island Health - Ideas, Fiscal year ending 2016 | Unscheduled Emergency Department or Urgent Care Centre visits for 75+ (rate per 1,000 75+ population): Island Health - Ideas, Fiscal year ending 2016



Data Sources

Hospital Day Care

Acute Care Day Cases (age standardized rate per 1,000 population aged 75 and over): Ministry of Health Health Ideas, Fiscal year ending 2016 | Acute Care Day Cases (age standardized rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016

Hospital Inpatient Care

Acute Care Inpatient Cases (age standardized rate per 1,000 population aged 75 and over): Ministry of Health Health Ideas, Fiscal year ending 2016 | Acute Care Inpatient Cases (age standardized rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | Alternative Level of Care Cases (age standardized rate per 1,000 population aged 75 and over): Ministry of Health Health Ideas, Fiscal year ending 2016 | Alternative Level of Care Cases (age standardized rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | Alternative Level of Care Days (age standardized rate per 1,000 population aged 75 and over): Ministry of Health Health Ideas, Fiscal year ending 2016 | Alternative Level of Care Days (age standardized rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | Ambulatory Care Sensitive conditions (%): Island Health - Ideas, Fiscal year ending 2017 | Ambulatory Care Sensitive conditions among population aged 75 and over (%): Island Health - Ideas, Fiscal year ending 2017 | Maternity Acute Care Utilization (case rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | Medical Acute Care Utilization (case rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | MRI Utilization - Island Health facilities only (rate per 1,000 population): Island Health, Fiscal year ending 2016 | Psychiatry (Dementia excluded) Acute Care Utilization (case rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016 | Surgical Acute Care Utilization (case rate per 1,000 population): Ministry of Health Health Ideas, Fiscal year ending 2016

Primary Care

Population attached to physician at the practice level (%): Ministry of Health, Fiscal year ending 2014

From: Liz Cookson [<mailto:lcookson@ubcm.ca>]

Sent: Tuesday, May 30, 2017 9:13 AM

To: Liz Cookson <avicc@ubcm.ca>

Subject: AVICC May Update - 2017 convention follow up, 2018 convention hotels, FLNRO Softwood Lumber update

Please distribute to all AVICC elected officials, the Chief Administrative Officer and their support staff.

Dear AVICC Member:

2017 Convention Follow Up

Shaw

Our sponsor, Shaw Communications, was on site to record the plenary sessions and interviews with delegates. These have been uploaded to their YouTube channel at

<https://www.youtube.com/watch?v=1bPbxo2oWGM>

Friday's opening session on Energy Sustainability is available at https://youtu.be/NtJJRz_2VRk

Sunday's closing session on Physical Literacy (including the Q&A session) has been uploaded at <https://www.youtube.com/watch?v=I5Rtcqr6lRA&feature=youtu.be>

They will also be posting recordings of the other Friday afternoon and Sunday morning plenary sessions, and these links will be posted on the AVICC website.

Resolutions

The disposition of the resolutions is attached, and also available to view and download from the website at [Resolutions Disposition](#)

All of the endorsed resolutions have been forwarded to UBCM. Late resolutions that were not admitted for debate can be submitted to the UBCM or brought to next year's AVICC convention at the discretion of the resolution sponsor.

Open Space

The AVICC Open Space Workshop Report Out notes from the session are attached. Thank you to the participants at the workshop for their contributions and involvement. These notes will be reviewed by the AVICC Executive at the June 9th meeting.

2018 AGM & Convention – Dates and Accommodation

Next year's convention will be hosted by the City of Victoria over the week-end of April 13-15, 2018. Sessions will be held at the Victoria Conference Centre and the adjoining Fairmont Empress.

The banquet on Saturday night will be held in the Crystal Ballroom of the Fairmont Empress. To secure the ballroom AVICC has a block of newly renovated rooms at the Empress available to the members at a discounted rate of \$199 including wifi and air conditioning. We ask you to consider the Empress for your accommodation in order that we fill our room block. Booking information is available on the website at <http://avicc.ca/2018-convention-april-13-15/2018-accommodations/>

Softwood Lumber Trade Update

The Ministry of Forest, Lands and Natural Resource Operations presented to the UBCM Executive Committee on the process and timeline for negotiations on Softwood Lumber. We thought this information (attached) would be of interest to AVICC members.

2017 AVICC RESOLUTIONS DISPOSITION

PART SR - SPECIAL RESOLUTIONS

SR1) Special Resolution to Amend AVICC's Constitution and Bylaws Respecting Membership

AVICC Executive

WHEREAS the North Coast Regional District (NCRD) and the Village of Queen Charlotte within the NCRD have applied to join the AVICC as local government members while also retaining membership within the NCLGA; and

WHEREAS the AVICC's Constitution and Bylaws define members in part by geographic area through a listing of regional districts eligible for membership;

THEREFORE BE IT RESOLVED that the Constitution and Bylaws of the Association of Vancouver Island and Coastal Communities be amended in general terms as follows, and in specific terms as set out in Schedule A attached to this resolution:

- The opening paragraph of section 2 Purposes in the Constitution be amended to add North Coast to the listing of regional districts;
- Section 3(2) be amended to add North Coast to the listing of regional districts.

Schedule A

Original and Proposed Amendments to AVICC's Constitution and Bylaws Regarding Membership

PROPOSED AMENDMENTS TO THE CONSTITUTION:

The section now reads:

2. PURPOSES

The Association of Vancouver Island and Coastal Communities is a body formed for the purpose of representing in one organization the various municipalities, regional districts and other local governments on Vancouver Island, and within the Islands Trust, the Central Coast, Sunshine Coast and Powell River Regional Districts.

The amended section would read:

2. PURPOSES

The Association of Vancouver Island and Coastal Communities is a body formed for the purpose of representing in one organization the various municipalities, regional districts and other local governments on Vancouver Island, and within the Islands Trust, the Central Coast, North Coast, Sunshine Coast and Powell River Regional Districts.

PROPOSED AMENDMENTS TO THE BYLAWS:

The section now reads:

Part 2 – Membership

3. The members of the Society are

(2) the cities, districts, townships, towns, villages and regional districts located within or partly within the following Regional Districts: Alberni-Clayoquot, Capital Regional, Central Coast, Comox Valley, Cowichan Valley, Mount Waddington, Nanaimo, Powell River, Strathcona and Sunshine Coast, that have been accepted by the directors to join the Society as local government members; and

The amended section would read:

Part 2 – Membership

3. The members of the Society are

(2) the cities, districts, townships, towns, villages and regional districts located within or partly within the following Regional Districts: Alberni-Clayoquot, Capital Regional, Central Coast, Comox Valley, Cowichan Valley, Mount Waddington, Nanaimo, North Coast, Powell River, Strathcona and Sunshine Coast, that have been accepted by the directors to join the Society as local government members; and

ON MOTION, was ENDORSED

PART AE – AVICC EXECUTIVE RESOLUTIONS

AE1) AVICC Special Committee on Solid Waste Management

AVICC Executive

WHEREAS the Association of Vancouver Island and Coastal Communities' (AVICC) Special Committee on Solid Waste Management, with representatives from nine regional districts, was formed in 2015 to research, prepare and present the findings and recommendations to the 2016 convention on this mandated service;

AND WHEREAS the Special Committee reported out to the AVICC membership at the 2016 convention, the membership endorsed the 2016 action plan and further directed the Special Committee to report back to the 2017 convention with outcomes;

THEREFORE BE IT RESOLVED THAT the AVICC endorses and supports the continuation of the Special Committee on Solid Waste Management with areas of work being: Partnership; Advocacy; Long-term Disposal; Regulations and Enforcement, and the 2017 action plan being:

Partnership – Develop a shared communication campaign for participating members.

Advocacy – engage the British Columbia Ministry of Environment and industry groups to review and expand waste reduction and diversion policies.

Long-term Disposal – conduct an assessment to forecast future solid waste disposal demand of AVICC member populations in twenty, forty and sixty years time.

Regulations and Enforcement – ensure that, where practicable, disposal bans and bylaws are consistent across regions to reduce leakage across borders.

AND FINALLY THAT the AVICC Special Committee on Solid Waste Management report back to the 2018 convention with outcomes.

ON MOTION, was ENDORSED

AE2) Role of AVICC in Advancing Social Procurement Practices

AVICC Executive

WHEREAS in 2016 the AVICC and UBCM membership passed a resolution to "advance the use of social procurement practices"; and

WHEREAS the AVICC Executive has discussed the issue of Social Procurement at length on six occasions in the past year including receiving a delegation from a working group of volunteer elected officials requesting funding and support for establishing a "Community Benefit Procurement Hub" and establishing an AVICC Committee; and

WHEREAS the AVICC has received a 2017 resolution from four municipalities requesting AVICC appoint a liaison to the working group that is planning to undertake a feasibility assessment of a "Community Benefit Procurement Hub"; and

WHEREAS the AVICC Executive requested the working group to develop a resolution to present through the resolution process at the 2017 AVICC Convention for a decision on clear direction to the Executive;

THEREFORE BE IT RESOLVED that the membership clarify direction on the role of the AVICC and social procurement practices by endorsing the following:

- Advancing social procurement practices by implementing a Community Benefit Procurement Hub is beyond the current resources of the AVICC and is primarily a provincial issue;
- The AVICC support the advancement of social procurement practices by disseminating information about the resources available to those members interested in pursuing social procurement in their communities;
- The AVICC appoint a liaison to the working group of volunteer elected officials; and
- That the AVICC membership invite the Ad Hoc Working Group to undertake, at no cost to AVICC members, a feasibility assessment of a "Community Benefit Hub" and report back at the AVICC 2018 AGM.

ON MOTION, as amended, was ENDORSED

PART 1 – REFERRED RESOLUTIONS

The following are resolutions that were referred to the Association by UBCM.

No resolutions were referred for AVICC consideration in 2017.

PART 2 – RESOLUTIONS RECEIVED BY THE DEADLINE

Part 2 – Section “A” – This section contains resolutions that feature new issues of interest to all members.

TRANSPORTATION

R1) Vancouver Island Transportation Master Plan

RD of Nanaimo

WHEAREAS a Vancouver Island Transportation Master Plan would outline Inter-Regional necessary improvement to the Islands transportation network;

AND WHEREAS the Ministry of Transportation and Infrastructure has the ultimate responsibility for transportation planning on Vancouver Island;

THEREFORE BE IT RESOLVED that the Province of British Columbia prepare a Vancouver Island Transportation Master Plan.

ON MOTION, was ENDORSED

R2a) Creating a Fair Market Approach to the Lease Rates for Marinas

City of Nanaimo

WHEREAS under the Canada *Marine Act* the federally governed Port Authority is required to set the lease rate structure for water lots at market value and Nanaimo Marina Owners contest that the Nanaimo Port Authority lease rates structure does not represent a fair market approach;

WHEREAS the Nanaimo Marina Owners recommend a fair market model based on a business owners' income;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities advocate for a lease fee model that is based on a fair market approach for all port authorities.

ON MOTION, as amended, was ENDORSED

R2b) Creating a Fair Market Approach to the Lease Rates for Marinas

City of Nanaimo

WHEREAS under the Canada *Marine Act* the federally governed Port Authority is required to set the lease rate structure for water lots at market value and Nanaimo Marina Owners contest that the Nanaimo Port Authority lease rates structure does not represent a fair market approach;

WHEREAS the Nanaimo Marina Owners recommend a fair market model based on a business owners' income;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities work with the City of Nanaimo and the Nanaimo Port Authority to develop a lease fee model that is based on a fair market approach.

ON MOTION, as amended, was REFERRED to the AVICC Executive

TAXATION

R3) Extension of Taxation Authority for Vacant and Derelict Buildings to Local Government City of Victoria

WHEREAS the Government of British Columbia and Legislative Assembly responded to a housing affordability crisis in July 2016 by proceeding with legislation that empowered the City of Vancouver to introduce a surtax on vacant residential properties;

AND WHEREAS communities across British Columbia face housing affordability pressures, while a portion of the housing supply in all communities remains vacant, including properties that have remained derelict for years or decades, noting that vacant and derelict buildings pose substantial risks in terms of public safety in communities, as well as livability and desirability for nearby and adjoining neighbourhoods and properties;

THEREFORE BE IT RESOLVED that the Province of British Columbia extend the authority to introduce a surtax on vacant and derelict residential properties to local governments across British Columbia, and encourage the occupancy, maintenance, and improvement of buildings to address housing affordability and public safety.

ON MOTION, was ENDORSED

FINANCE

R4) Bill C-15 Federal Banking "Bail-in" Legislation RD of Nanaimo

WHEREAS the Canada Economic Plan (2014) and Bill C-15 (2016) enact legislation for a Bail-in regime for "domestic – systemically important" banks (DSIBs) providing power to the Canada Deposit Insurance Corporation to convert prescribed debt of a non-viable bank into common shares (Bail-in);

AND WHEREAS local governments in British Columbia accumulate large financial reserves through taxation to hold for future infrastructure development both directly with banks and through the Municipal Finance Authority investment program, the loss of which through a Bail-in program would widely harm all local governments;

THEREFORE BE IT RESOLVED that the Provincial Government take measures to reduce the risk of local government reserves being used for Bail-in conversion, either by promoting changes to federal legislation to specifically exclude local government reserves from Bail-in or by promoting legislation such as Glass-Steagall rules; or if unable to do this, by creation of a secure repository for reserve funds, and/or by providing advice to local governments to avoid Bail-in risk.

ON MOTION, was ENDORSED

R5) Funding for Fire Equipment

District of Port Hardy

WHEREAS Communities are required to provide essential services including fire safety, and emergency vehicles and equipment for fire safety are costly;

AND WHEREAS grants for emergency equipment have all but disappeared since the early 2000's, with small communities required to fund 100% of emergency equipment through taxation;

THEREFORE BE IT RESOLVED that the Association for Vancouver Island and Coastal Communities and the Union of British Columbia Municipalities request the Province of British Columbia to create grants for emergency vehicles and equipment and make them available to smaller Municipalities, Regional Districts and Improvement Districts at a cost share of no less than 50%.

ON MOTION, as amended, was ENDORSED

R6) Community Works Funding – Small Communities

Village of Sayward

WHEREAS many communities are wrestling with increased infrastructure costs for essential services and in finding adequate sources of funding;

AND WHEREAS small communities have very limited funding options for providing basic infrastructure for their residents;

THEREFORE BE IT RESOLVED that the UBCM work with the Province to change the base level of Community Works Funding to \$100,000 for communities under 5,000.

ON MOTION, was ENDORSED

R7) E&N Transportation Corridor Development Cost Charge

Town of View Royal

WHEREAS the Esquimalt & Nanaimo (E&N) Corridor is publicly owned; a critical transportation and utility corridor for Vancouver Island intended to help alleviate congestion on our major roads; and where 90% of the Island's population lives, works and recreates within a 5km distance from the Corridor;

AND WHEREAS Island municipalities would need to supplement the costs of a transportation service in this corridor given that it would not be fully sustained solely by taxes, grants, passenger fares and/or railway revenue;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities petition the Province of British Columbia to amend legislation enabling Vancouver Island municipalities and regional districts to collect Development Cost Charges for the purpose of constructing/altering transportation service on the E&N Corridor.

ON MOTION, was ENDORSED

ENVIRONMENT

R8) Comprehensive Reporting of Community Energy & Emissions Inventory District of Highlands

WHEREAS the Province of BC provides Community Energy and Emissions Inventory (CEEI) numbers to BC municipalities, but the Province omits or has inconsistent reporting of emissions from:

- Manufactured goods (Embodies emissions in vehicles, building materials, and all consumer goods)
- Aviation for individuals and commercial transport
- Loss of soil carbon from agriculture
- Deforestation (loss of sequestered CO₂);

AND WHEREAS these emissions account for a significant amount of total emissions;

THEREFORE BE IT RESOLVED that UBCM request the provincial government to improve the CEEI to account for these significant sources and where not possible, fully acknowledge these sources of emissions when reporting to local governments.

ON MOTION, was ENDORSED

R9) Preventing Polystyrene Foam Pollution in the Marine Environment Islands Trust

WHEREAS foam from marine infrastructure is an increasing source of pollution on British Columbia's beaches;

AND WHEREAS there is concern that plastic-associated chemicals from polystyrene and other types of rigid foam are harming the marine environment and contaminating food webs;

THEREFORE BE IT RESOLVED that UBCM request the provincial and federal governments to implement measures that prevent rigid foam pollution in the marine environment.

ON MOTION, was ENDORSED

R10) Ending the Inhumane Use of Animal Traps

City of Nanaimo

WHEREAS the Province has indicated a review of wildlife trapping regulations is underway and the use of body and leg hold traps within urban areas continues to pose an unacceptable risk of injuries to humans and pets, and the unrestricted sale of traps to unlicensed individuals continues;

AND WHEREAS since 2012, the Province has not provided the required ministerial approval for wildlife trapping bylaws submitted from the City of Vernon, City of Surrey, District of Sechelt and City of Nanaimo;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities request the Province provide ministerial approval to local government bylaws in a timely manner, until such time that the Province completes a review of the trapping regulations.

ON MOTION, was ENDORSED

R11) Redirecting of Container Deposits to Municipalities to Enhance Recycling Initiatives

City of Nanaimo

WHEREAS in the Province of British Columbia somewhere between 10 to 15 million dollars annually is collected on containers but is not redeemed;

WHEREAS communities and regional districts are implementing innovative and valuable recycling programs including social enterprise participation;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities request the provincial government redirect unredeemed container deposits to communities and regional districts for the express purpose of funding recycling initiatives, including social enterprise participation.

ON MOTION, was NOT ENDORSED

LAND USE

R12) ALC Policy on Breweries, Distilleries and Meaderies

Sunshine Coast RD

WHEREAS an inequity exists between Agricultural Land Commission rules that apply to breweries, distilleries and meaderies under Policy L-21 vs. wineries and cideries under Policy L-03 which impede the economic growth, agricultural production and agri-tourism opportunities in rural communities;

AND WHEREAS Agricultural Land Commission Policy L-21 requires that at least 50% of products for breweries, distilleries and meaderies be grown on site;

THEREFORE BE IT RESOLVED THAT the Ministry of Agriculture and the Agricultural Land Commission be requested to revise the Agricultural Land Reserve Use, Subdivision and Procedure Regulation to

allow breweries, distilleries and meaderies to contract with another BC grower to meet the 50% farm product requirement.

ON MOTION, was ENDORSED

REGIONAL DISTRICTS

R13) Hazardous Properties Remediation Costs

RD of Nanaimo

WHEREAS regional districts exercise their legislated authority to remediate properties of hazardous conditions and/or environmental contamination, the cost of which may be recovered from the property owners or added to taxes in arrears if unpaid on December 31st in the year in which the work is done;

AND WHEREAS if the taxes and debts remain unpaid, pursuant to the Taxation (Rural Area) Act a property may be forfeited to the Province and the Province is under no obligation to reimburse a regional district for the cost of remediating properties of hazardous conditions and/or environmental contamination;

THEREFORE BE IT RESOLVED that the UBCM urges the Province to enact legislation or provisions that enable regional districts and municipalities to be reimbursed for the costs of remediating properties of hazardous conditions and/or environmental contamination that are subsequently forfeited to the Province on default of payment of the costs by the property owner.

ON MOTION, as amended, was ENDORSED

SELECTED ISSUES

R14) Exam Requirements for Owner Builder Certification

RD of Nanaimo

WHEREAS the Province of BC through the *Homeowner Protection Act* establishes the requirements for property owners to be authorized as Owner Builders by BC Housing to build and occupy a new home for their personal use;

AND WHEREAS due to recent amendments to the *Act*, BC Housing requires that Owner Builders write and pass an Owner Builder Authorization Exam prior to authorization under the legislation and has not produced a study guide or hosted educational sessions to allow property owners to prepare for the required examination which has resulted in an extremely high failure rate for applicants;

THEREFORE BE IT RESOLVED that in support of the ability for property owners to reasonably receive authorization as Owner Builders, that the Union of British Columbia Municipalities urge the Province to prepare study materials and host education sessions designed to assist applicants through the required examination process.

ON MOTION, was ENDORSED

R15) Open Government at Area Associations

Town of Port McNeill

WHEREAS the *Community Charter* mandates that meetings of councils “must be open to the public” and that councils “must not vote on the reading or adoption of a bylaw when its meeting is closed to the public,” except in narrow circumstances involving land, legal, labour and other confidential matters;

AND WHEREAS Area Associations are the central bodies of local governments in British Columbia, with annual meetings serving as the forum where non-confidential matters relating to the functioning of local government and its relation to other levels of government are considered, debated and decided upon;

THEREFORE BE IT RESOLVED that AVICC calls on the executive and staff of AVICC to ensure that future AVICC Conventions are open to the public, by eliminating entrance fees for observers, and by making good-faith efforts to convene meetings in facilities that have adequate space to provide a reasonable level of access for members of the public, beginning with webcasting of plenary meetings;

AND BE IT FURTHER RESOLVED that this resolution be referred to the 2017 annual meeting of UBCM, requesting favourable consideration and the adoption of an Open Meetings policy for those meetings, to ensure free and reasonable access for members of the public.

ON MOTION, as amended, was REFERRED to the AVICC Executive

R16) BC Federation of Students' Campaign Don't Close the Doors on Adult Education

City of Nanaimo

WHEREAS the Ministry has abolished funding for Adult Basic Education programs and instituted tuition fees;

THEREFORE BE IT RESOLVED that the BC Federation of Students' campaign Don't Close the Doors be endorsed by requesting the Ministry reinstate funding for Adult Basic Education programs and abolish tuition fees.

ON MOTION, was ENDORSED

Part 2 – Section “B” – This section contains resolutions that support existing UBCM policy, including:

- Previously considered and endorsed resolutions; or
- Resolutions in keeping with UBCM policy, including previously approved policy papers or other documents.

TRANSPORTATION

R17) Highway Maintenance

Comox Valley RD

WHEREAS the Ministry of Transportation and Infrastructure is responsible for highway maintenance and provides service delivery performance requirements within their maintenance contracts and no independent process is provided to ensure the timely delivery of those services and communication of when those services will be delivered;

AND WHEREAS community and neighbourhood concerns in electoral areas suggests that the Ministry of Transportation and Infrastructure needs to fund its highways and road maintenance programs in a more effective manner;

THEREFORE BE IT RESOLVED THAT the Association of Vancouver Island and Coastal Communities request that the Ministry of Transportation and Infrastructure

- a) review how it provides performance measures to its public and how it keeps its public informed as to when it can expect the remediation of a maintenance deficiency so that it can devise a process that will assure the public that it is delivering its highway maintenance obligations, and;
- b) ensure adequate resourcing is available to administer and monitor highways and road maintenance contracts such that public safety and traveling conditions are enhanced on rural roads.

ON MOTION, was ENDORSED

R18) Highway Lane Markings

Village of Sayward

WHEREAS in many driving areas, driving is made unsafe for the public due to faded line markings both on the shoulder and the centre of highways;

AND WHEREAS the Department of Transportation has contractor line painting guidelines which do not respond adequately to the adverse weather conditions faced by drivers;

THEREFORE BE IT RESOLVED, to increase public safety on roads the Department of Transportation be requested to change the guidelines to increase the frequency and visibility of shoulder and centre line painting on all Provincial roads.

ON MOTION, was ENDORSED

TAXATION

R19) Restoration of Land Value Tax

City of Victoria

WHEREAS, concern around housing affordability is widespread in British Columbia communities, and the Land Value Tax provides a fiscal mechanism to incentivize improvements to property for housing and other purposes, and creates a disincentive to holding vacant property for speculative purposes;

AND WHEREAS local governments in British Columbia previously had the authority to introduce Land Value Taxes—taxing land at a higher rate than improvements;

THEREFORE BE IT RESOLVED that the Government of British Columbia restore the authority of local governments to introduce a Land Value Tax, to incentivize improvements to property for housing and other purposes, and create a disincentive to holding vacant property for speculative purposes.

ON MOTION, was ENDORSED

FINANCE

R20) Victim Services Program Funding

RD of Nanaimo

WHEREAS Victim Services Programs provide support and assistance to victims of crime;

AND WHEREAS the Ministry of Public Safety has the ultimate responsibility for the Victim Services Programs and yet does not fully fund these programs;

THEREFORE BE IT RESOLVED that the Province of British Columbia fully fund all Victim Services Programs.

ON MOTION, was ENDORSED

R21) Future Federal/Provincial/Local Government Infrastructure Funding Programs

Village of Sayward

WHEREAS many communities are wrestling with increased infrastructure costs for essential services and in finding adequate sources of funding;

AND WHEREAS small communities have very limited funding options for providing basic infrastructure for their residents;

THEREFORE BE IT RESOLVED that the UBCM work with the Province and Federal Government to develop future infrastructure funding programs that provide for a lower cost-share threshold for communities under 5,000.

ON MOTION, was ENDORSED

ASSESSMENT

R22) Split Classification for Short Term Commercial Accommodation

District of Tofino

WHEREAS B.C. Reg. 438/81 'Prescribed Classes of Property Regulation' enables BC Assessment to split-classify two specific Short Term Overnight Commercial Accommodation Properties (strata accommodation properties and 'bed and breakfast' residential properties) between Class 1 and Class 6 to reflect the dual residential and commercial use of these properties; and

WHEREAS the regulation does not capture residential properties that are also used commercially for short-term overnight accommodation (known as "short term rentals" or "vacation rentals"), creating a tax fairness issue;

THEREFORE BE IT RESOLVED that the Province amend legislation so that all residential properties used for short-term overnight accommodation be eligible to be split-classified between Class 1 and Class 6, and that classification methodology for short-term rentals be developed in consultation with stakeholders.

ON MOTION, was ENDORSED

ENVIRONMENT

R23) Canada Goose Population Management

City of Parksville

WHEREAS in the 1950s wildlife managers began relocating Canada Geese to the east coast of Vancouver Island, leading to the over abundant goose population which has devastated agricultural lands, estuaries, wildlife and critical fish habitat across Vancouver Island, bringing some of these vital ecosystems to the brink of extinction;

AND WHEREAS the City of Parksville, Regional District of Nanaimo and Guardians of the Mid Island Estuaries Society have employed sound science and a series of management actions designed to reduce resident geese numbers to levels consistent with estuary recovery in 2010;

NOW THEREFORE BE IT RESOLVED THAT the Association of Vancouver Island and Coastal Communities fully supports a regional coordinated approach to resident Canada Goose management, including population controls needed to protect natural assets and promote sustained recovery of vital estuary habitats.

ON MOTION, was ENDORSED

R24) Removal of Scotch Broom

Town of Qualicum Beach

WHEREAS invasive Scotch broom has spread from an initial infestation in Sooke to become ubiquitous across Vancouver Island, creating a significant fire hazard and choking out native species;

AND WHEREAS cooperative effort by local government and a local volunteer community group—Broombusters Invasive Plant Society—in the Qualicum Beach area has shown that concerted action can prove effective against invasive Scotch broom;

AND WHEREAS increased resources are needed to expand this project Island-wide:

THEREFORE be it resolved that the AVICC call on the Province to work with Vancouver Island local governments and community groups to effectively clear Scotch broom from highways, rail lines and power line rights-of-way over the next three years.

ON MOTION, was ENDORSED

LAND USE

R25) Development Permits for Private Institutional Developments

District of Sechelt

WHEREAS, historically, institutional developments were funded and built by senior levels of government and so legislation that would allow local government development permit oversight for the form and character of these developments was not contemplated in the *Local Government Act*;

AND WHEREAS institutional developments are now being funded and built by private providers in the Province of BC;

THEREFORE BE IT RESOLVED that the Province of BC be requested to amend the appropriate sections of the *Local Government Act* regarding the designation of development permit areas for form and character to include privately owned institutional development in a manner consistent with that of commercial, industrial, or multi-family residential developments.

ON MOTION, was ENDORSED

COMMUNITY ECONOMIC DEVELOPMENT

R26) Non-Tenured Value-Added Wood Processors

Municipality of North Cowichan

WHEREAS British Columbia's non-tenured value-added wood processors find it increasingly difficult to access a share of public wood resources for further processing in British Columbia due to the consolidation and control of the non-competitive harvest into very few hands;

AND WHEREAS British Columbia's non-tenured value-added wood processors have had their access to the U.S. market impeded by the dispute between the U.S. Lumber Coalition and the tenured companies that have exclusive access to B.C.'s non-competitive and administratively-priced wood resource;

THEREFORE BE IT RESOLVED that the Province of British Columbia be requested to take whatever steps are necessary to ensure that B.C.'s non-tenured value-added wood processors have access to a share of the B.C.'s non-competitive wood resource for the purpose of processing it in B.C. and that B.C.'s non-tenured value-added wood processors have unimpeded access to the U.S. market for their products;

AND BE IT FURTHER RESOLVED that in the event of a quota based Softwood Lumber Agreement with the United States that the Province of British Columbia allocate quota in such a way that it does not impede the survival and growth of B.C.'s non-tenured value added wood processors.

ON MOTION, was ENDORSED

R27) Creation of a Panel focused on Management and Preservation of Old Growth Forests

Town of Port McNeill

WHEREAS:

- The preservation and management of old growth forests is clearly an important issue;
- Currently, there are a number of plans to manage and preserve old growth forests that include parks, old growth management areas and areas identified as critical habitat;
- Industry continues to harvest old growth forests and many communities depend on the economy generated from forests—from harvesting and other forest uses;
- First Nations have many forestry interests and concerns in their traditional territories; and
- A balance between healthy forests and healthy communities is essential and achievable;

AND WHEREAS a broad-based advisory group could help formulate a coordinated strategy with respect to the management and preservation of old growth forests:

THEREFORE BE IT RESOLVED that the AVICC support the formation of an advisory committee focused on the management and preservation of old growth forests, and that this advisory group consist of First Nations groups, local government representatives from forest communities, industry, and environmental representation.

ON MOTION, was ENDORSED

SELECTED ISSUES

R28) Aboriginal Day

District of Metchosin

WHEREAS number 80 of the Calls to Action of the Truth and Reconciliation Commission of Canada calls for a national statutory holiday for Truth and Reconciliation,

AND WHEREAS National Aboriginal Day recognizes and celebrates the cultures and contributions of the First Nations, Inuit and Métis peoples of Canada, but is not a national statutory holiday,

AND WHEREAS a statutory holiday would allow all Canadians to be able to participate in the recognition and celebration of First Nations' cultures and histories,

THEREFORE BE IT RESOLVED that the federal government, working with Aboriginal leaders, designate a national statutory holiday that celebrates the cultures and histories of the First Nations, Inuit and Metis peoples of Canada.

ON MOTION, was ENDORSED

R29) Rental Housing

Township of Esquimalt

WHEREAS Lower investment in rental housing stock over the past 30 years have resulted in a low vacancy rate and steadily increasing rental costs in many communities;

AND WHEREAS Market conditions have led to increased appetite for rental building owners to invest in upgrades to their buildings which provide improved unit quality, safety, and energy efficiency, but this creates the impetus for existing tenants to be evicted and subsequently experience challenges finding suitable and affordable replacement housing;

THEREFORE BE IT RESOLVED that The Township of Esquimalt, and the member communities of the Association of Vancouver Island and Coastal Communities, call upon the Province to provide a funding model and regulatory framework to assist local governments in reducing the impact of "renovictions" on tenants while continuing to encourage investment in upgrading older rental housing;

AND FURTHER BE IT RESOLVED that The Township of Esquimalt, and the member communities of the Association of Vancouver Island and Coastal Communities, call upon the Province to increase the housing allowance portion of Income Assistance and Disability Assistance, as well as housing subsidies through BC Housing, to mitigate the impact of rising rental costs on low-income and vulnerable British Columbians.

ON MOTION, was ENDORSED

PART 3 – LATE RESOLUTIONS

On motion, duly moved and seconded, that the Late Resolutions Report be received was endorsed.

AVICC RESOLUTIONS COMMITTEE REPORT ON RESOLUTIONS RECEIVED AFTER THE DEADLINE

A. LATE RESOLUTIONS: ADMIT FOR PLENARY DEBATE

- L1 Restriction on Single Wide Mobile Homes as Second Dwellings on ALR Properties
Regional District of Nanaimo
- L3 Restoration of Previous Provincial Funding Levels for Vancouver Island Regional Library
Town of Ladysmith
- L4 Provincial Assistance to Attract Doctors to BC
City of Colwood

B. LATE RESOLUTIONS: NOT APPROPRIATE FOR DEBATE

- L2 On-road Transportation Sector Required in the Community Energy and Emissions
Inventory
Capital Regional District
- L5 Endorsement of Resolution from AVICC Social Procurement Working Group
City of Powell River

**L1) Restriction on Single Wide Mobile Homes as Second Dwellings on ALR Properties
Regional District of Nanaimo**

WHEREAS the Agricultural Land Reserve Use, Subdivision and Procedure Regulation has established the standards for a second dwelling on ALR land and the Agricultural Land Commission’s Policies L-08 and L-18 specify that manufactured homes must normally conform to the CSA Z240 series standards unless a property owner makes a non-farm application to the Commission;

AND WHEREAS construction of factory built, movable dwellings has progressed significantly with technology and the CSA Standard is not flexible enough to accommodate the needs of farmers to provide accommodation on their properties without an application;

AND WHEREAS these new movable dwellings incorporate innovative energy-efficient, green building technology and can be sited to reinforce the farmland protection objectives of the ALC;

THEREFORE BE IT RESOLVED that the Union of British Columbia Municipalities requests that the Ministry of Agriculture amend the Agricultural Land Reserve Use, Subdivision and Procedure Regulation to provide more certainty for types of manufactured homes that are permitted as residential uses and request that the Agricultural Land Commission amend their policies to allow for the siting of other types of factory built, movable dwellings outside of the CSA Z240 series standards.

ON MOTION, was ENDORSED

L3) Restoration of Previous Provincial Funding Levels for Vancouver Island Regional Library

Town of Ladysmith

WHEREAS the Vancouver Island Regional Library is the fifth largest library system in British Columbia, serving over 430,000 people on Vancouver Island, Haida Gwaii and the Central Coast (Bella Coola) through 39 branch libraries, an e-Library and books by mail service;

AND WHEREAS the Vancouver Island Regional Library's focus has dramatically changed as our society has changed through technological advances in order to remain relevant, while the level of provincial funding has decreased from 21 per cent of total revenue in 1986 to five per cent of total revenue in 2016, leaving its member municipalities and regional districts to bear the increases through increased contributions while their capacity to continue to do so is severely limited;

THEREFORE BE IT RESOLVED that the Association of Vancouver Island and Coastal Communities call upon the Provincial Government to restore funding for the public library system to a level of 21 per cent of the core annual budget required to operate the library system in an efficient, effective and equitable manner for the municipal taxpayer.

ON MOTION, was ENDORSED

L4) Provincial Assistance to Attract Doctors to BC

City of Colwood

WHEREAS British Columbians are facing a critical shortage of primary care physicians in BC communities and unable to provide vital services to residents because BC is not competitive for a number of reasons, such as trained physicians choosing to practice in other provinces where opportunities are more economically attractive, the average gross clinical payments to BC physicians being one of the lowest in Canada and almost \$100,000 less than Ontario, and new graduates with substantial student debt accepting positions in other provinces, such as Alberta, where the average physician salary is the highest in the country at \$366,000 from billings;

AND WHEREAS too many highly qualified undergraduates are denied admission to UBC's 288 seat four-year medical degree program where only about 15% of the applicants are accepted compared to Alberta's 332 seats for first year medical students in a province with a population 12% smaller than BC's, forcing students to look elsewhere for their medical training, compounded by BC doctors who go abroad to get their medical education and must annually compete with up to 160 graduates from foreign medical schools for the handful of international residency training spots because there is no preferential treatment for BC born applicants who want to set up practices in BC in order to be closer to family and friends;

THEREFORE BE IT RESOLVED that the communities of British Columbia—a strong and flourishing Province, who want BC to be the greatest Province in Canada by providing the full, holistic and complete communities that our residents expect and deserve—work together to open the doors for communities to attract doctors back to BC communities;

AND BE IT FURTHER RESOLVED that the Association of Vancouver Island and Coastal Communities send a letter to the Minister of Health and Premier of British Columbia requesting that the Province of British Columbia take definitive action to put in place the necessary framework, tools, and incentives to make us competitive with the other Provinces and attract physicians back into BC communities.

ON MOTION, was ENDORSED

RESOLUTIONS OFF THE FLOOR

On motion, duly moved and seconded, that the resolution titled “Regional Level Input” distributed to all members in attendance be admitted for discussion was endorsed.

OF1) Regional Level Input

Cowichan Valley RD

WHEREAS the establishment of provincial road maintenance contract standards and asset management strategies directly impact rural residents; and

WHEREAS regional district elected officials are well-positioned to convey the expectations and concerns of communities in relation to road maintenance and upkeep;

THEREFORE BE IT RESOLVED that the Ministry of Transportation and Infrastructure be requested to establish a formal process for a select committee of AVICC elected officials to provide regional level input during the establishment of highway maintenance contract standards and asset management strategies.

ON MOTION, was ENDORSED

On motion, duly moved and seconded, that the resolution titled “National Strategy for Abandoned Vessels” distributed to all members in attendance be admitted for discussion was endorsed.

OF2) National Strategy for Abandoned Vessels

**City of Victoria,
District of Oak Bay, Town of Ladysmith**

WHEREAS the AVICC and UBCM have passed a number of motions with regard to the removal of derelict vessels;

AND WHEREAS in Parliament this coming week an Act to amend the Canada Shipping Act, 2001 and to provide for the development of a national strategy (abandonment of vessels) is being introduced;

THEREFORE BE IT RESOLVED that the AVICC membership endorse the Act to amend the Canada Shipping Act 2001 and to provide for the development of a national strategy for abandoned vessels.

ON MOTION, was ENDORSED

On motion, duly moved and seconded, that the resolution titled "Health Services Planning" distributed to all members in attendance be admitted for discussion was endorsed.

OF3) Health Services Planning

Township of Esquimalt

WHEREAS the social determinants of health include housing, transportation, and built environment, which are directly influenced by local government decision making;

AND WHEREAS there is no mandated direct process for coordination of integrated planning between health authorities and local government;

THEREFORE BE IT RESOLVED that AVICC and UBCM petition the provincial government to establish formal mechanisms for including local government consultation in health services planning by health authorities.

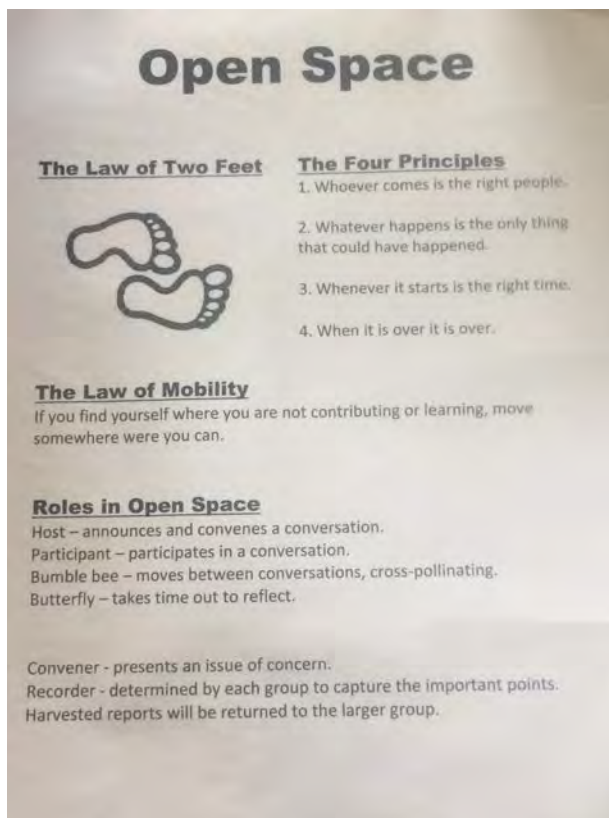
ON MOTION, was ENDORSED

HEALTHY COMMUNITIES OPEN SPACE WORKSHOP

AVICC April 8th 1:30 pm to 3:00 pm

Penny Cote, Alberni Clayoquot Regional District Director and Chair for the Alberni Clayoquot Health Network (ACHN) called the Open Space Workshop together with the intent of exploring questions around how local government can support health networks and build healthy communities. Marcie DeWitt, Coordinator for the ACHN supported the facilitation of the workshop with support from Libby King, Coordinator for the Strathcona Community Health Network.

Participants made introductions around the circle and key concepts for Open Space were introduced. Participants were then invited to pose questions to the group for discussion. Eight questions were put forward, and seven table discussions were facilitated by participants in locations identified by letters around the room, one table combined questions due to similarity.



A: What can Health Network Coordinators do to make local leaders comfortable with system change and alternative government structures?

B: How Can Communities support Primary and Secondary Health Care in our Local Community? Capital Planning

C: SAFE INJECTON SITES: How? What? Where? Why? When?

D: How do local governments get Island Health to come and engage with us?

E: Post High School Mental Health Community Education & Supports 18 – 25

F: How Does Island Health Obtain & Implement the Priorities of the Geographic Community They Serve?

G: What can Local Communities Do, To Encourage an Increase in Family Physicians?

H: What is the (true) Cost of Inadequate/Unaffordable Housing to the Health Care System?

The following notes were collected from each table. Participants formed a circle to check out, providing a brief summary of their discussion to close the session.

REPORT OUT FORMS

Session Title: A: What can Health Network Coordinators do to make local leaders comfortable with system change and alternative government structures?

Convener: Marcie DeWitt

Participants: Dorothy Baert, Diane Mason, Brenda Bail, Michelle Staples

Summary of Discussion:

- Community forums to educate on work & frameworks Collective Impact.
- Information provision to councils,
- HN's are still part of the systemic issue
 - o How do you remove HN's from system?
- Process that allows for engagement that gets translated into traditional mechanisms.
Set priorities
- Sounds like social policy - *Board voices.

What will we do now? What needs to happen next?

- Develop social policy
 - o Another lens – too many lenses!
- Utilizing new techniques to facilitate, educate,
 - o eg. Art of Hosting

Session Title: B: How Can Communities support Primary and Secondary Health Care in our Local Community? Capital Planning

Convener: Cynthia

Participants: Megan, Barb, Penny

Summary of Discussion: No clinic – no mental health

-Travel time – problem in urban/rural areas

- Nurse practitioner

- Provide Housing? Zeballos does

- Share resources

* EQ Virtual App – EQ Virtual Dr. visit

* Telehealth – referral – lab work

What will we do now? What needs to happen next?

- Regional Hospital Board needs to recognize another component of health care

- Local government needs to work on provisions for community health

- VAST Shortage – Ambulance, Drs, Nurses

Session Title: C: SAFE INJECTION SITES: How? What? Where? Why? When?

Response to Narcotics

Convener: Maeve Maguire/Rob Southcott

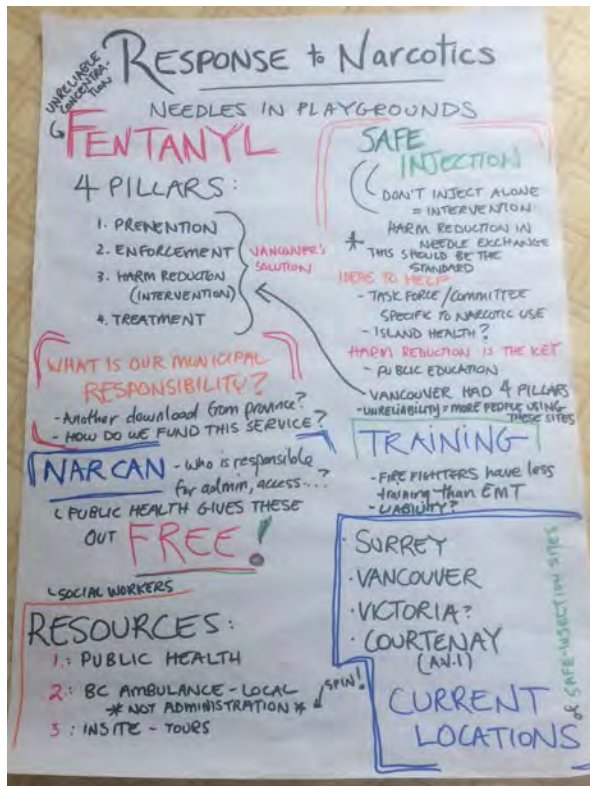
Participants:

Summary of Discussion:

Communities that are dealing with an increase in narcotic use/addiction may need to consider establishing harm-reduction programs, like safe injection sites.

What will we do now? What needs to happen next?

1. Become informed – BC Ambulance – other community – public health
for example: UBCM Conference tour of Insite in Vancouver.
2. Strengthen links with Island Health
3. Ask province how municipalities are supposed to find these prevention & reduction & intervention services.



Session Title: D: How do local governments get Island Health to come and engage with us?

Convener: Susan Low, Township of Esquimalt

Participants: Cardyne Austin, Lake Cowichan - Brenda Overton, Tahsis

Marc Lefebvre, Parksville

- Libby King, Coordinator Strathcona Community Health Network

Summary of Discussion:

- We want Island Health to listen and make decisions from bottom-up (Community needs) rather than top-down.
- Parksville developed an Oceanside Health Association
 - o Working on housing facility for mental health, addictions
 - o Oceanside local governments bought land for facility
 - o Started with seniors advocacy, then broadened to general health issues
- Doctor shortage is affecting access to care services
- Knowledge of nurse practitioners growing & could fill the gap

But Island Health has to provide funding to create the jobs.

(full time jobs, backup coverage).

What will we do now? What needs to happen next?

- Local governments need to be able to speak to Island Health.
- Many health “projects” like Better at Home are short-term funded with grants, not sustainable funded.

Session Title: E: Post High School Mental Health Community Education & Supports 18 - 25

Convener: Randy Oliwa, District of Ucluelet

Participants: Ucluelet – Duncan – Port Hardy – Comox – Victoria – 2 x School Trustees

Summary of Discussion: Program Work Program & Supports

What will we do now? What needs to happen next?

Work Program – with supports

Community / School work program

Transition Program

Youth Crisis Centre 24/7

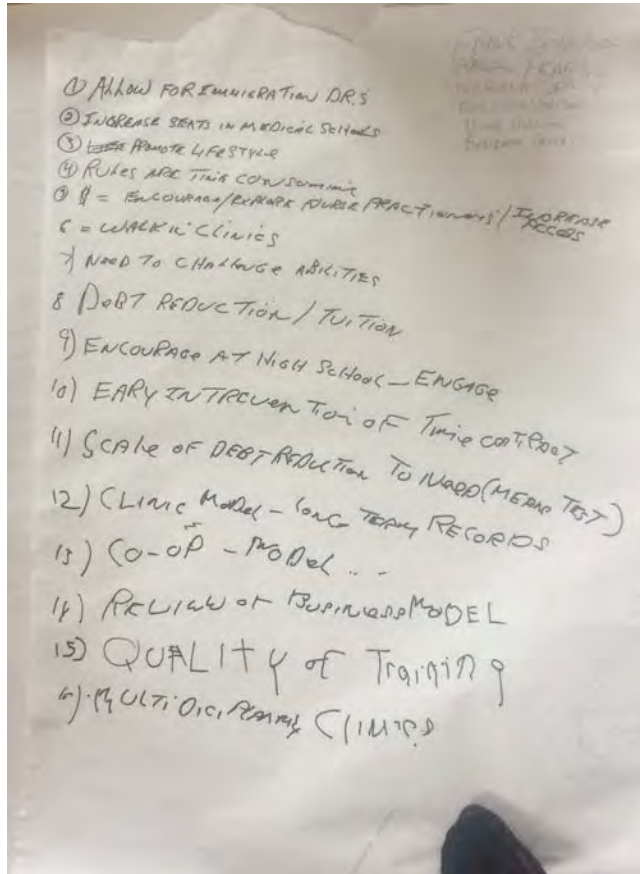
Session Title: G: What can Local Communities Do, To Encourage an Increase in Family Physicians?

Convener: Frank Johnson

Participants: Kevin Pearson, Norma Sealy, Bill Luchtmeijer, Doug Hillian, Barbara Fallot

Summary of Discussion:

What will we do now? What needs to happen next?



1. Allow for Immigration Drs

2. Increase Seats in Medical Schools

3. Promote Life skills

4. Rules are Time Consuming

5. Encourage/Explore Nurse Practitioners/Increase Access

6. Walk in Clinics

7. Need to Challenge Abilities

8. Debt Reduction/Tuition

9. Encourage at High School – Engage

10. Early Intervention of Time Contract

11. Scale of Debt Reduction to Need (Mean Test)

12. Clinic Model – Long Term Records

13. Co-op Model

14. Review of business model

15. Quality of Training

16. Multi OC (Official Community) Planning Clinics

Session Title: H: What is the (true) Cost of Inadequate/Unaffordable Housing to the Health Care System?

Convener: Al Anderson

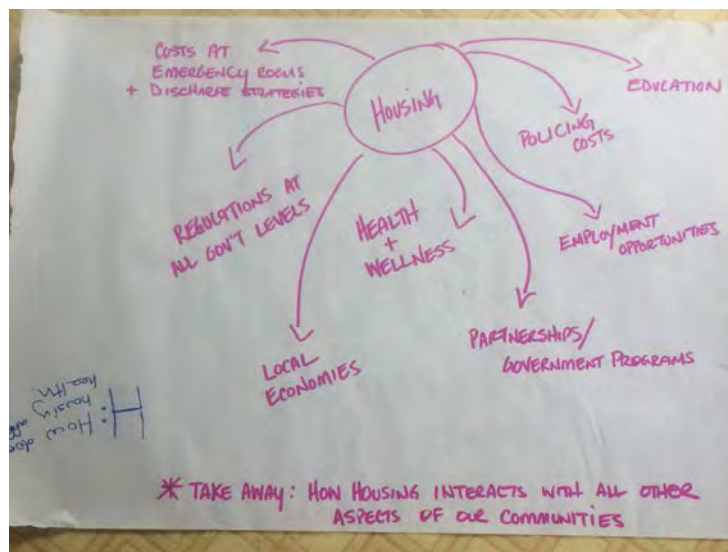
Participants: Evan Mitchell, Kate Marsh, Marilyn McEwen, Analisa Blake, Randy Oliwa, Lucas Banton

Summary of Discussion:

- Black mould due to poor construction
- Policing
- \$100,000 cost to health system, court system
- Longer hospital stays if patient has no home
- Increased education costs/supports
- Increased substance abuse for depression
- Reduced economic/employment opportunities
- Increased cost to Health Care System by using Emergency Rooms instead of clinics.

What will we do now? What needs to happen next?

- Partnerships/Grants
- Waiving fees
- Donate Land
- NGO Causes
- AHOP Housing (Federal initiatives)
- Hero work program
- Staff Housing/Dorm Housing created by Big Employers
- Change regulatory environment – zoning
- BC Assessment give Carriage Houses a Break
- Strata Councils relax age restrictions
- Community inventory – What’s available/ What can change?





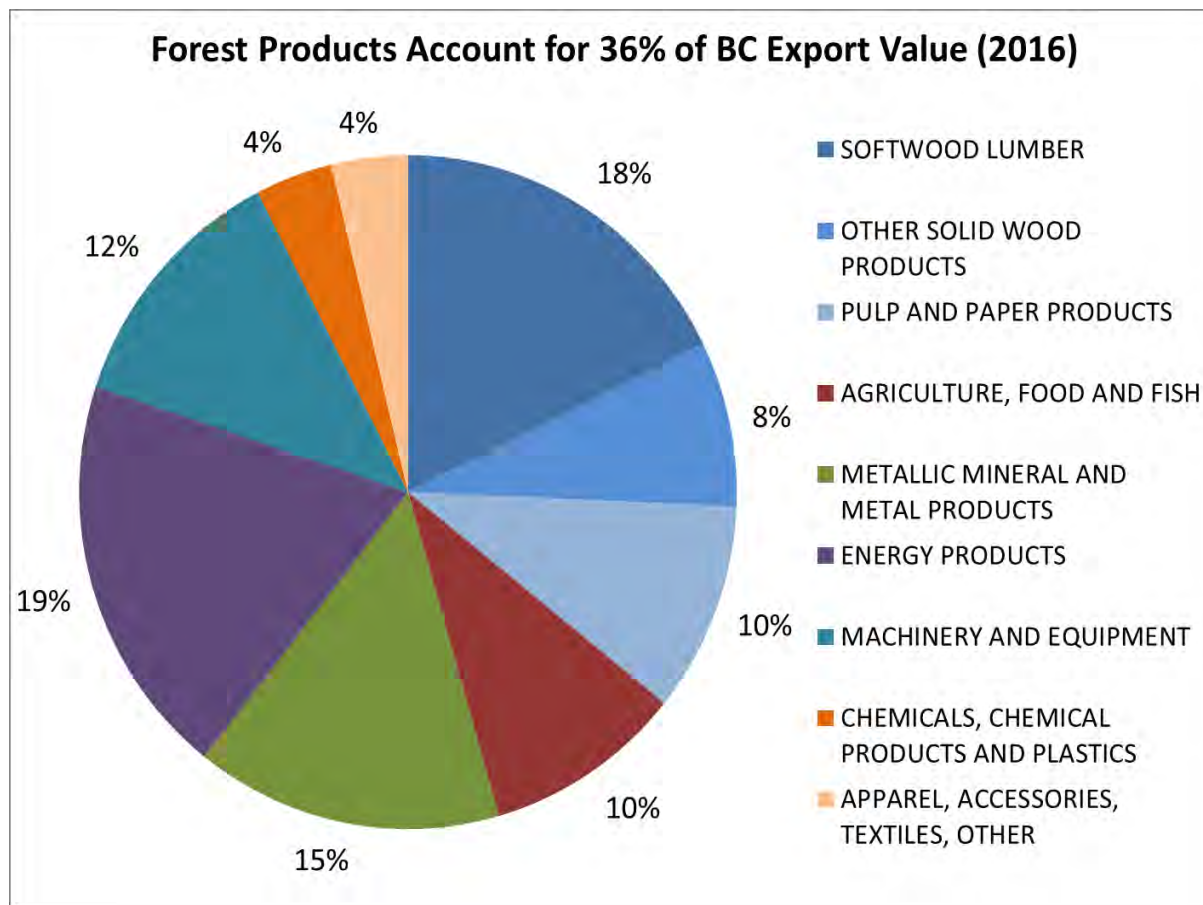
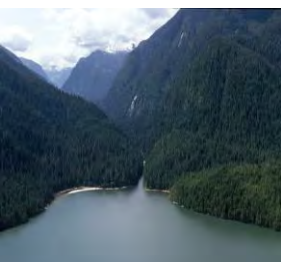
Softwood Lumber Trade Update April 2017



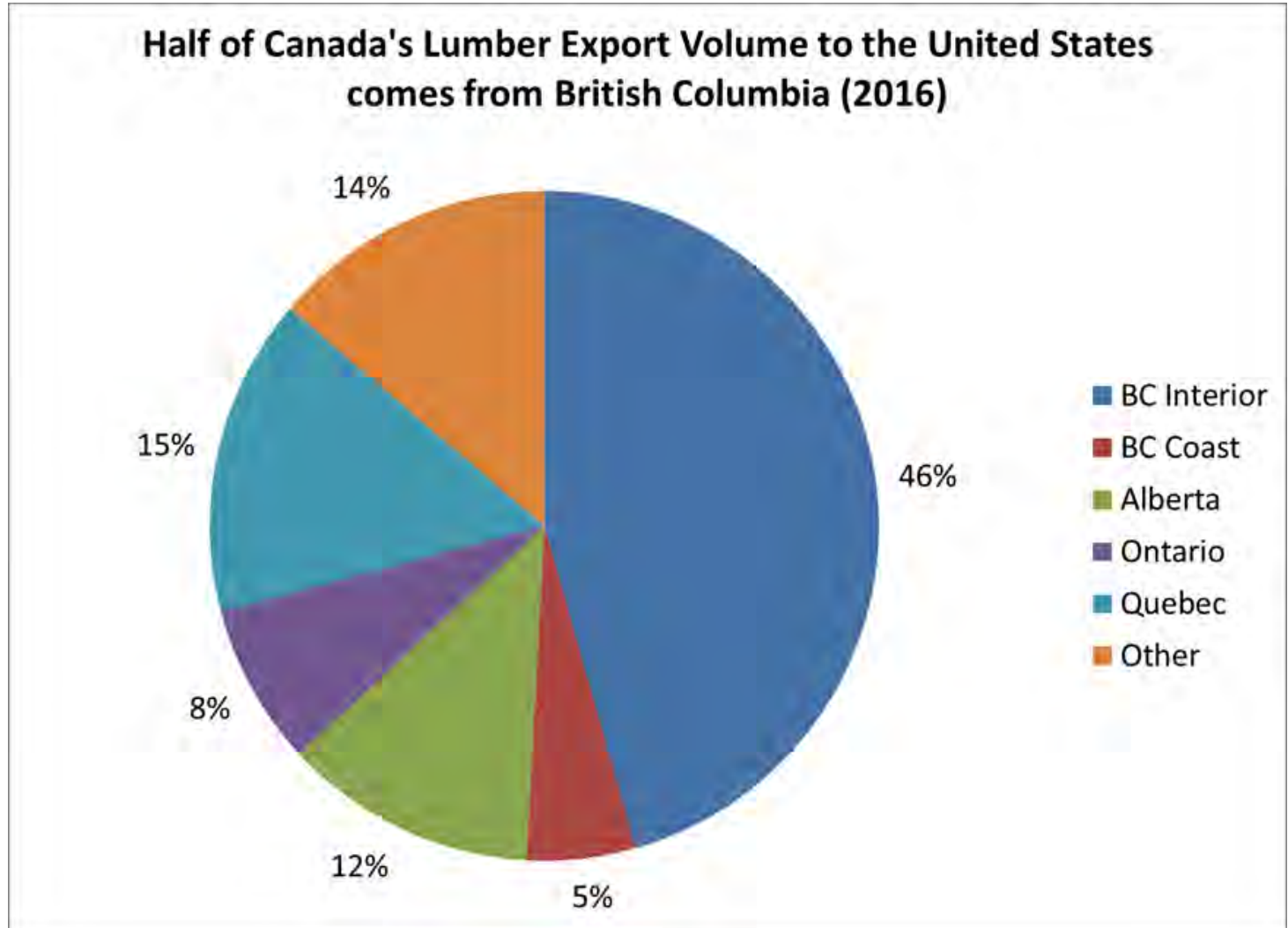
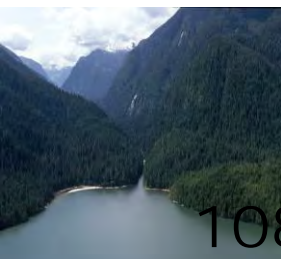
Importance of Softwood Lumber Trade in B.C.



- Forestry provides 60,000 direct jobs in over 140 communities.

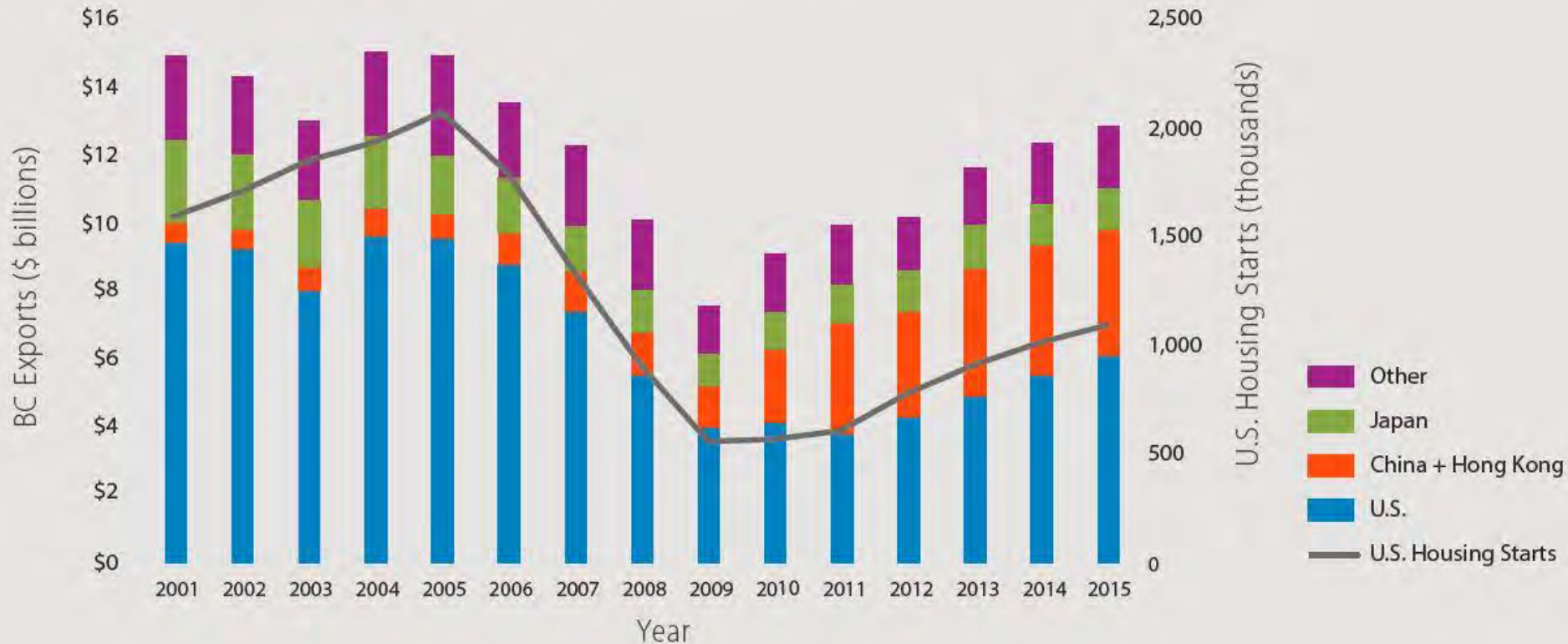


Importance of Softwood Lumber Trade in B.C.



B.C. Lumber Exports and U.S. Housing Starts

Market Diversity – Annual Export Value



B.C. has made great strides in opening up Asian markets, but U.S. remains our number one market – \$4.6 billion U.S. exports in 2016.

History of Canada-US Lumber Dispute



1982-83 *Lumber I* – Countervailing duty (CVD) case

1983-86 No dispute

1986 *Lumber II* – CVD



1986-91 Memorandum of Understanding (MoU)

1992-94 *Lumber III* – CVD

1994-96 Agreement negotiation

1996-01 1996 Softwood Lumber Agreement (SLA)

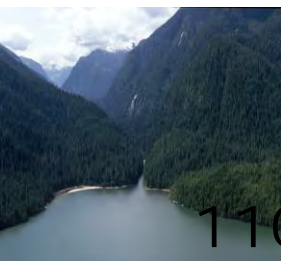


2001-06 *Lumber IV* – CVD and Anti-Dumping (AD)

2006-15 2006 SLA

2015-16 Standstill Period

2016- ? *Lumber V*



Negotiation of a New Agreement



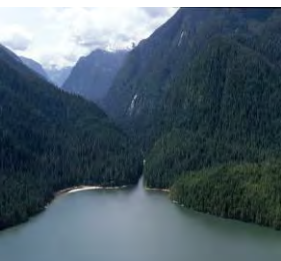
- This is B.C.'s top priority with Canada. Canada, with significant input from B.C., has engaged the U.S. in negotiations on a new managed trade agreement.



- The insistence of the U.S. industry on imposing a hard cap quota on Canada (and B.C.) along with the election of a new American President led to an impasse.

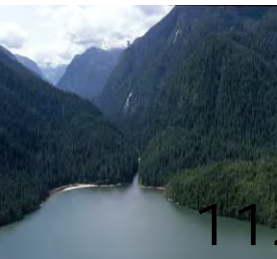


- B.C. will continue to press for a new managed trade agreement that works for B.C., since managed trade is preferable to costly and lengthy litigation.



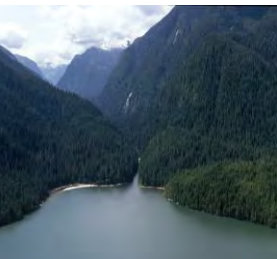
- David Emerson, B.C.'s trade envoy to the U.S. continues to advocate for B.C.'s interests and establish relationship with key U.S. stakeholders.

Litigation - Current Status



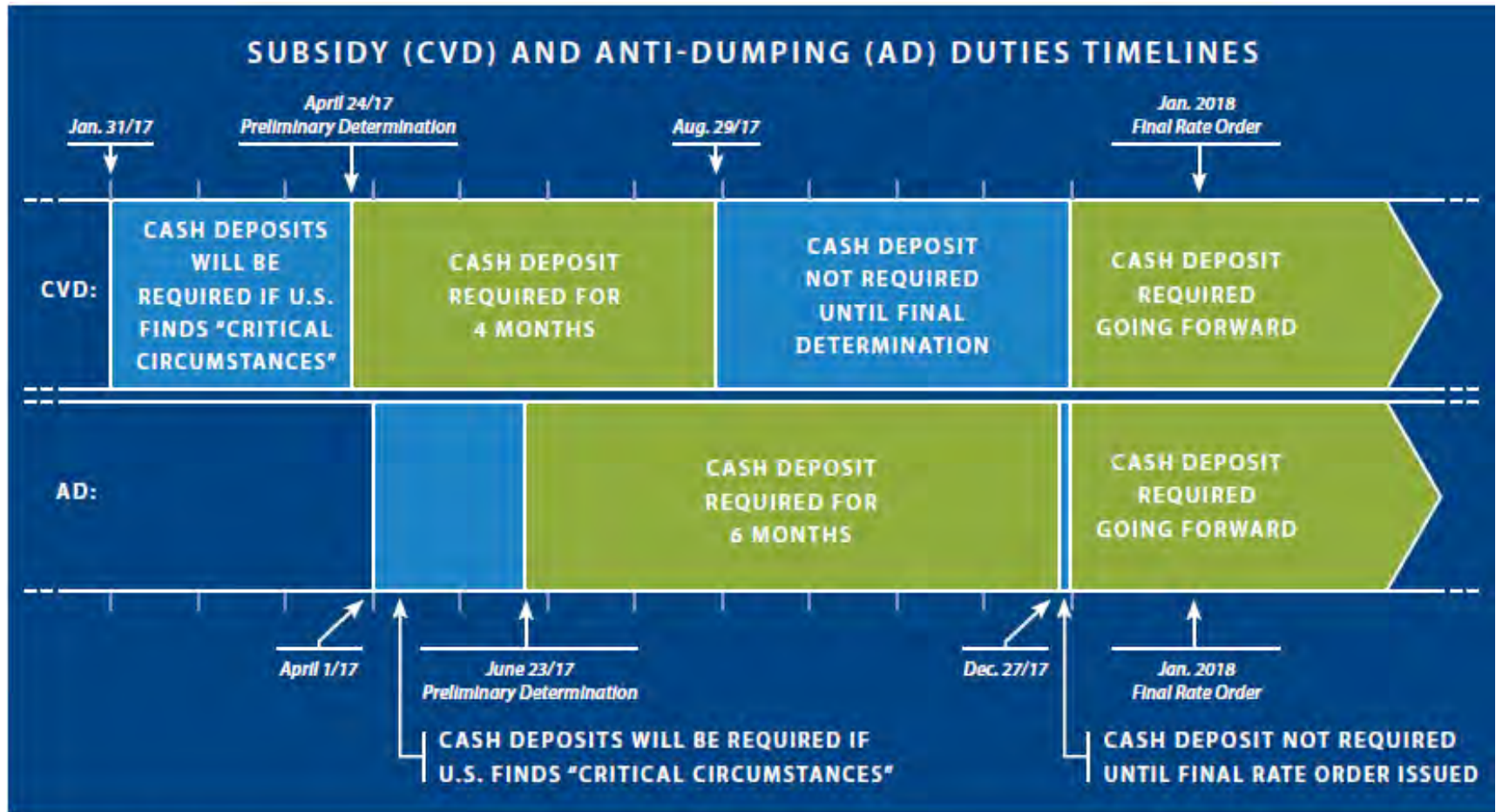
- B.C. and Canada have been preparing for litigation since 2015 when the previous softwood lumber agreement expired.
- In Nov. 2016, U.S. industry filed its allegations with the U.S. Department of Commerce that Canadian lumber exports are subsidized, injure the U.S. industry, and that Canadian exporters are selling lumber below market value (dumping) in U.S.
- U.S. is investigating five Canadian exporters – Canfor, West Fraser, Tolko, Resolute, and J.D. Irving Limited.
- Each company will be assessed a specific subsidy & dumping duty rate. All other companies will receive an average rate based on the five company rates.

Litigation - Current Status



- B.C. government coordinated with the three B.C.-based mandatory companies to ensure a common approach to the questionnaire responses, and that all factual information from the companies is correct and complete as future appeals can only rely on record established at this time.
- B.C. government commissioned 6 expert reports to support Canada's arguments.
- Over 100,000 pages of material was submitted to the U.S. from the 5 companies, provinces and Canada.
- B.C. government submitted 8 filings (~ 12,000 pages) to respond to US questionnaires and 14 filings related to company and product exclusions from the case.

Litigation – Timelines



The dates from May forward, are estimated and could vary by a few days.

Litigation – Next Steps



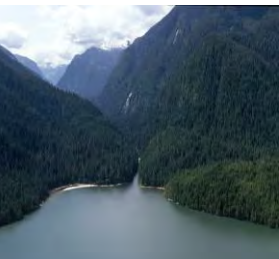
- January 2018: Final decisions for subsidy and dumping. Canada can appeal through the WTO, and either NAFTA or the U.S. Court of International Trade.



- Historically, Canada has always successfully argued that our lumber exports are not subsidized but the appeal process can take several years.



- Cash deposits are held in trust until all appeals are final.



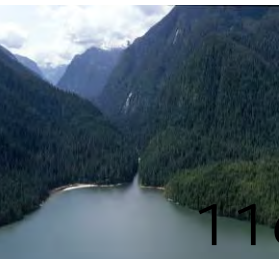
Ministers Task Force on Softwood Lumber



- Established in February to ensure federal and provincial governments are coordinated and ready to respond to the needs of workers and communities affected by U.S. trade actions.



- Chaired by the Federal Minister of Natural Resources and supported by a Deputy Ministers Committee and an ADMs Working Group.



More Information

Regular updates are online at:
www.gov.bc.ca/softwoodlumber

From: BCA Local Government, BCA:EX [<mailto:localgovernment@bcassessment.ca>]
Sent: Tuesday, May 30, 2017 2:08 PM
Subject: UBCM 2017 Convention – BC Assessment Meeting Invitation



Toll Free: 1-866-valueBC (825-8322)
Fax: 1-855-995-6209
Click “Contact us” at bcassessment.ca

May 30, 2017

RE: UBCM 2017 Convention – BC Assessment Meeting Invitation

BC Assessment is a proud supporter of the Union of BC Municipalities and we are looking forward to once again participating in the annual UBCM Convention and Trade Show.

Last year we had the opportunity to meet individually with a number of Local Governments and look forward to building on that success this year. In addition to connecting with delegates at our booth, we would like to offer you an opportunity to meet with a member of our Executive and a representative from our Local Government Department to discuss specific property assessment issues, or answer questions in general about BC Assessment.

If you are interested in scheduling a meeting with BC Assessment at the UBCM 2017 Convention, please contact [BCA Communications](#) by Friday June 30, 2017.

Closer to the UBCM Convention date, we will confirm the meeting schedule and location.

We look forward to connecting with you in September.

Sincerely,

Michael Spatharakis BA, AACI, P.App
Manager, Local Government Customers

michael.spatharakis@bcassessment.ca
T 1-866-valueBC (825-8322) x 00498 | C 250-208-3508
400 – 3450 Uptown Blvd. | Victoria, BC V8Z 0B9 | bcassessment.ca

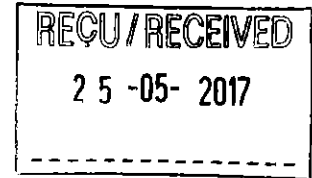


Check out the latest posts & share your feedback with us on *Community Corner* @ <https://forum.bcassessment.ca>



May 17, 2017

Chair John Jack
Alberni-Clayoquot Regional District
3008 Fifth Avenue
Port Alberni BC V9Y 2E3



Dear Chair Jack:

Re: 2016 Resolutions

Please find attached the provincial response to the 2016 resolution(s) put forward by your Board and endorsed by the UBCM membership at Convention.

I trust this information will be of assistance to you. Please feel free to contact Reiko Tagami, UBCM Information & Resolutions Coordinator, with any questions.

Tel: 604.270.8226 ext. 115 Email: rtagami@ubcm.ca

Sincerely,

A handwritten signature in cursive script, appearing to read "Murry Krause".

Councillor Murry Krause
President

Enclosure

Whereas the Province of British Columbia has declared that Canada should become a world leader in marine spill prevention, preparedness and response and has stated its concern about the current level of marine protection and potential spill response available on Canada's West Coast;

And whereas the Province of British Columbia is acting on the development and implementation of such protection and response but requires cooperation and support from the federal government in order to implement most of the recommendations it has identified to strengthen Canadian capacity for marine oil spill prevention, preparedness and response on Canada's West Coast;

Therefore be it resolved that UBCM and FCM support the Province of British Columbia's position with respect to the need for world-class marine oil spill prevention, preparedness and response, and call on the federal government to support and co-operate with BC to the fullest extent, committing sufficient resources, to achieve the highest level of spill prevention, preparedness and response capacity on Canada's West Coast.

Convention Decision: Endorsed

Provincial Response

Ministry of Environment

One of government's five conditions for supporting heavy oil pipelines is world-class marine spill prevention, preparedness, response and recovery systems for B.C.'s coastline and oceans, in order to manage and mitigate the risks and costs of heavy-oil pipelines and shipments.

In support of oil spill prevention and preparedness, the Ministry contracted Nuka Research, an international expert in the field, to deliver a three volume report which lays the foundation for building a world-class marine spill response and preparedness system.

The Province is encouraged by the initial steps the federal government has taken towards a world class tanker safety system, and will continue to work with the federal government, local governments, First Nations, industry and other key stakeholders.

In Spring 2016, B.C. passed legislation to enable the creation of a world-leading provincial spill regime. We envision setting regulations that can apply to both land and marine environments which will help close the gaps with respect to spill response.

Some future regulations will apply to spills into or affecting the marine environment where the province has jurisdiction with respect to the environment. Examples include spill reporting, notification and restoration. Consultation with federal agencies will be on-going on these topics.

We still have work to do and will continue working with Transport Canada and Environment & Climate Change Canada to ensure B.C. interests are met on the marine safety front and that public safety and protection of the environment remain paramount.

Whereas the cost of water conservation, sustainability, and drought management are currently high profile issues, and developing a policy framework and funding program to support rainwater harvesting systems is vital to supporting the agricultural industry and enhance vibrant local food systems across the province with safe, consistent and affordable access to water;

And whereas the establishment of a fund for the rebate portion for agricultural rainwater harvesting systems will:

- Reduce the draw on regional, municipal and ground water systems,
- Lead to an increase in the amount of irrigated land,
- Increase overall agricultural production,
- Increase water availability for trending urban agricultural initiatives,
- Promote conservation strategies, and
- Showcase simple and effective solutions for increased water system sustainability:

Therefore be it resolved that UBCM request the Province of BC to establish immediately the development of policy and procedures for a rainwater harvesting system rebate program for agricultural users.

Convention Decision: **Endorsed as Amended**

Provincial Response

Ministry of Environment

Rainwater harvesting typically involves the collection and storage of rainwater from roof tops for use on-site. Agricultural uses may include irrigation associated with greenhouses, gardens and nurseries, livestock watering as well as for domestic use, and groundwater recharge.

The Ministry of Agriculture advises that the highest potential for rainwater harvesting systems in agriculture is in greenhouse and dairy operations where rooftops of poly-houses and dairy barns can capture most precipitation, and can be economically viable for smaller water uses. Whether it is beneficial to specific regions will depend on the amount of local rainfall. Notably, some poultry barns in Abbotsford incorporate a rainwater harvesting system to collect drinking water for chickens, without funding from the Province.

While rainwater harvesting may be able to supply sufficient water for livestock, barn washing, crop washing, and other smaller amounts of water use on farms, according to the Ministry of Agriculture, it is unlikely to provide enough supplemental water for widespread irrigation purposes. A significant collection surface area and associated storage would be required relative to the operation and is usually not economically viable where farmland is limited and land value is high.

The Ministry of Agriculture is in the process of completing the Agriculture Water Demand Model (AWDM) for the ACRD, and anticipates having it operational by Summer 2017. The AWDM will calculate the current and future water requirements of agricultural lands in ACRD. The provincial government acknowledges there have been shortages of water supply all across Vancouver Island and rainwater harvesting and storage could alleviate the situation to some degree when properly implemented.

The Water Sustainability Act allows rainwater harvesting/capture without an authorization or requirement to pay application fees or annual water rentals. The absence of such requirements may incent users to consider rainwater collection as a water source. The Ministry of Environment has a longstanding practice of supporting water conservation through the Water Conservation Strategy for B.C. (1998), the Living Water Smart Plan (2008) and the B.C. Drought Response Plan (2016). Policies, procedures and rebate programs specific to rainwater harvesting for agriculture use are not planned at this time.



MAY 19 2017

RECEIVED
MAY 23 2017

T15531

Mr. John Jack
Chairperson
Alberni-Clayoquot Regional District
3008 Fifth Avenue
PORT ALBERNI BC V9Y 2E3

Dear Mr. Jack:

Thank you for your correspondence of March 29, 2017, addressed to the Honourable Carolyn Bennett, Minister of Indigenous and Northern Affairs, regarding the support expressed by the Alberni-Clayoquot Regional District Board of Directors for a car ferry service between the coastal communities of Port Alberni, Bamfield and Ucluelet. Your letter was forwarded to me for response.

I appreciate the time you have taken to contact the Department. I recognize the potential opportunity that additional accessible, reliable and sustainable marine transportation services could provide to support economic growth and the creation of jobs to benefit residents living in rural and remote communities.

As marine transportation falls outside of the mandate of Indigenous and Northern Affairs Canada, I recommend that you directly contact the British Columbia Ministry of Transportation and Infrastructure regarding your request. For your information, the Ministry can be reached by telephone at 250-387-3198, by fax at 250 356-7706 or by e-mail at tran.webmaster@gov.bc.ca.

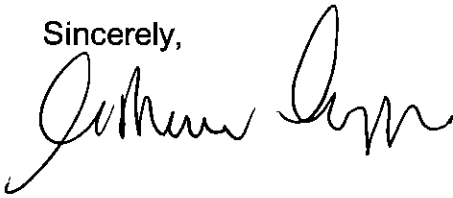
Thank you for keeping me informed of the exciting plans to expand the ferry services of Lady Rose Marine Services. It is great to see local governments, First Nations and industry partners working together to support economic opportunities that will bring mutual benefit and success.

I wish you the best of luck in moving this initiative forward.

...2

Canada

Sincerely,

A handwritten signature in black ink, appearing to read 'Catherine Lappe', written in a cursive style.

Catherine Lappe
Regional Director General
British Columbia Region
600-1138 Melville Street
VANCOUVER BC V6E 4S3

cc: British Columbia Ministry of Transportation and Infrastructure
cc: Lady Rose Marine Services

from the Board Table

Intro

On May 27, the Board of Trustees met for their second regular meeting of the year. The Board received information from Vancouver Island Regional Library's (VIRL) Director of Finance about the 2016 Audited Financial Statements, including a presentation from the Auditor. The Board received proposed revisions to the Board Procedural By-Law, including revisions to the Public Delegation Policy. These revisions passed first, second, and third reading, with final review and adoption scheduled for the September Board meeting. In addition, the Board received a report with highlights from the Branch Activity Reports and Key Performance Indicators. Financial updates also included a report on VIRL's finances and reserves, a Facilities update, and a report on hazardous materials regulations. New business included a staff presentation on a community-wide reading and reconciliation program on Gabriola Island, 2018 budget assumptions, the 2016 Annual Report, and information technology (IT) security upgrades.

Read Down Your Fines



This year, Read Down Your Fines (RDYF) will be offered in conjunction with Summer Reading Club (SRC) 2017. RDYF is a Board approved initiative. The goal is to help children reduce their fines and resume regular library use. Children will have the chance to have \$5 of library fines waived for each SRC Reading Record page they complete. Each child is eligible for a total fine reduction of \$35.



Casey & Finnegan joined VIRL and the community of Hornby Island for the official opening of their new branch!

Finance Report



Haida elder Jiixa has graduated from technology student to tutor at the Queen Charlotte Branch.

Balance Sheet: The balance sheet of \$32.2 million shows a healthy balance of cash and investments of \$6.4 million at the end of March.

Revenue and Expenditures: The operating deficit as at the end of March of \$644,110 reflects that revenues and expenditures are in line with expectations to date. The deficit reflects annual expenditures which are recognized at the beginning of the year.

Reserves Report: The Board of Trustees is provided with updated reserves information at each meeting. At the end of March, the reserves totalled \$5.2 million. Appropriations to reserves are recorded on a quarterly basis, so 25% have been recognized at the end of March. Included in the results to date is \$574,942 in reserve funded expenditures. Transfers from reserves are recorded when projects have been substantially completed.

In Summary: The current position is sustainable and VIRL's operations are in line with expectations to date.

“In summary, the current position is sustainable and VIRL’s operations are in line with expectations to date.”

Facilities Updates



A new reading nook for the community of Hornby Island.

Chemainus

Plans are moving forward for a new branch for the community of Chemainus. Recently, North Cowichan requested that VIRL staff and VIRL's architect attend a meeting to discuss the potential of combining the library site into a larger project which could include residential and retail space. Based on timing and other factors, VIRL is moving forward with a standalone facility that aligns with North Cowichan's vision for the space. VIRL staff are reviewing the architect's preliminary plans, and will work with the architect to finalize the design. A second public consultation will then be held to introduce the design to the community.

Masset

In 2016, Masset advised VIRL that a parcel of land had been identified and approved for the purpose of building a new branch. VIRL staff are engaging with Masset to discuss the process for moving forward on this project. VIRL staff will be visiting Haida Gwaii at the end of May, in order to review the site and discuss the project with local representatives. Staff will also review the Queen Charlotte and Sandspit locations to determine the scope of potential projects at these branches.

Nanaimo Wellington

The new Nanaimo Wellington branch opened to the public on Tuesday, May 23, and includes a refreshed look and feel, a small study room, new public computers, and other amenities and improvements. An Official Grand Opening ceremony is being planned for Saturday, July 8.

Parksville

Preliminary designs have been provided by the architect and VIRL is reviewing the draft plans. Further direction will be provided.

Tofino

In April, VIRL's Executive Director attended a public open house where three potential sites for a new branch were discussed. VIRL is waiting for input from the municipality and community.

Tahsis

VIRL is currently assessing the impacts of new WorkSafeBC regulations that came into effect on May 1. Details will be provided as they become available.

Facilities Updates cont.



A DIY solar for your home program at the Gabriola Island branch.

Port Alberni

A donation from a member of the Port Alberni community has kick-started a refurbishment effort that will address layout and outstanding maintenance issues. Preliminary designs have been provided by the architect and VIRL is reviewing the draft plans. Further direction will be provided.

Sooke

A public consultation was held in Sooke on May 2. Members from the community asked questions of VIRL staff and were given the opportunity to provide input. VIRL staff are working with the District of Sooke on issues around the lease agreement for the land, permitting, and other items.

Sidney

A public consultation was held in Sidney on March 22 with VIRL staff and the architect on site to answer questions from the community. Feedback from this session will be incorporated into project planning. The building envelope assessment has been prepared, which will help to determine the next steps for the project.

North Saanich

In November 2016, VIRL received a letter from North Saanich in support of transferring land to VIRL for the purpose of constructing a new branch at the Panorama Centre. A public consultation is tentatively scheduled for spring/summer 2017, with the aim of securing a loan through MFA in fall 2017. An alternative approval process will need to occur to support the loan, which will likely occur in summer/fall 2017. North Saanich is working with a surveyor to prepare a subdivision plan, which will determine the final site for the new branch. Preliminary site preparation and design work can commence after the plan is completed.

Woss

VIRL met with representatives from the Regional District of Mount Waddington on March 8, 2017 to discuss a potential partnership between the regional district, School District 85, and other partners to develop the school into a joint-use facility.



Indigenous learning inside the story box - a program at the Comox branch.

General Updates

Hazardous Materials Regulations: VIRL's Director of Finance, in consultation with the Executive Director, prepared a report explaining new WorkSafeBC Hazardous Waste Regulations that took effect on May 1, 2017. As part of these new regulations, as an employer, VIRL now shares responsibility with the owner/landlords in any pre-1990 buildings we rent to ensure that an inventory of hazardous materials is completed. This inventory will be used to develop an exposure control plan, which would direct staff how to operate within the space without disturbing the materials. VIRL is working closely with WorkSafeBC to ensure that we are meeting all requirements as an employer. A timeline for completion is still being determined.

2018 Budget Assumptions: While the first draft of the budget is still being prepared for presentation to the Executive Committee in July and August, budget assumptions for the coming year are presented as a high-level summary for information and to garner feedback. In 2010, the Board adopted a Facilities Master Plan which includes regular increases over a 15-year period to fund new construction, address deferred maintenance, and ensure regular upkeep of VIRL's 39 branches. The 2018 budget will be presented at the September 2017 Board meeting for review and approval.

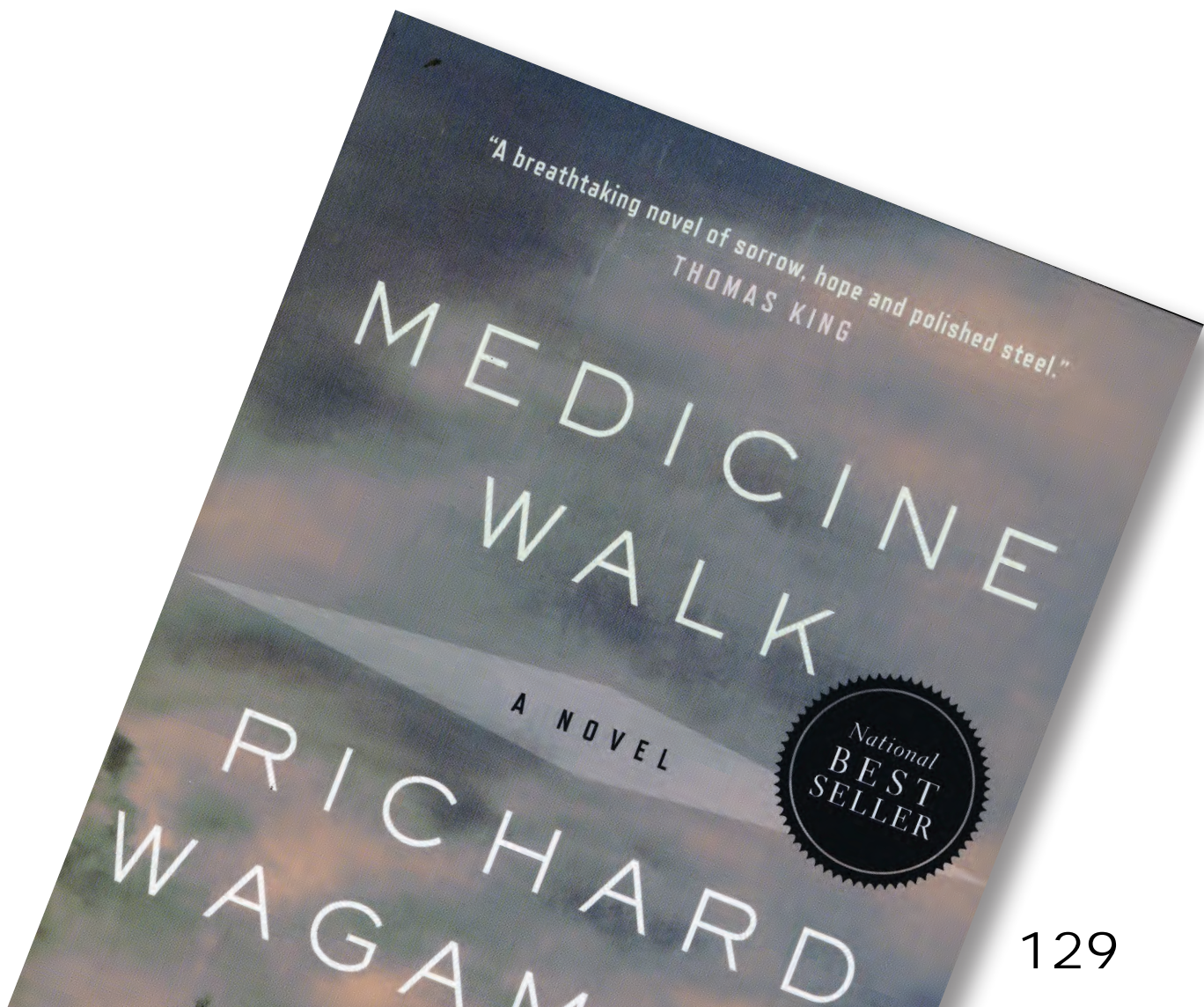


Read more: virl.bc.ca

One Book, One Community.

Reading and Reconciliation on Gabriola Island

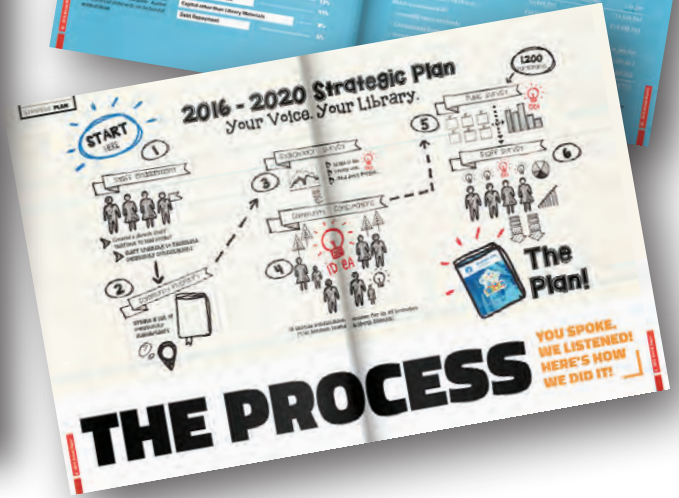
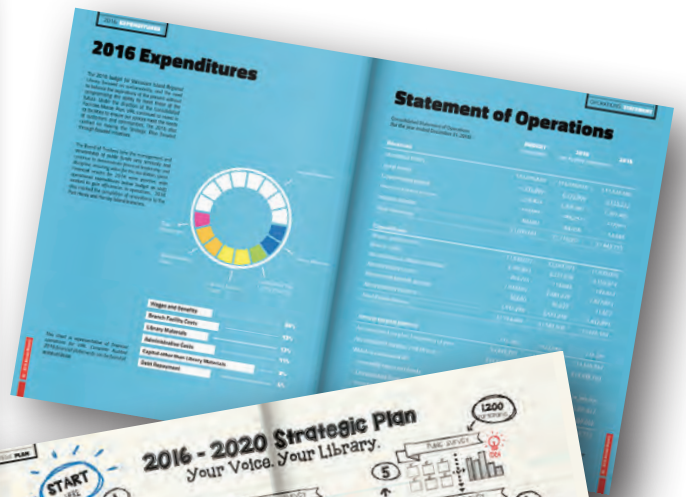
Gabriola Island's One Book, One Community initiative invited Gabriola Islanders to read and discuss Richard Wagamese's *Medicine Walk*. Librarian Amy Dawley shared her experiences with this initiative at the May 27 Board meeting, and spoke of the impacts it had for everyone who participated. In April, a wrap-up event gathered over 100 people for a community conversation. Hosted by Truth and Reconciliation Honourary Witness Shelagh Rogers, the event brought together First Nations authors Monique Gray Smith and Celestine Aleck for a powerful evening of discussion and reflection.





2016 Annual Report

For the 2016 Annual Report, we leveraged the power of storytelling by focusing on instances in which our libraries and staff touched and inspired lives. The theme “libraries inspire” flows through this report, which is built in the style of a magazine with stories, imagery, and page after page of content that people will want to read and engage with. The stories in the Annual Report also reveal some of the ways we are bringing our 2016 – 2020 Strategic Plan to reality in branches across our system.



Available mid-June:
virl.bc.ca/reports-and-plans



May 27, 2017

Dear Regional District Chair and Board Members:

The Call for Nominations for the 2017 Community Recognition Awards is now open!

With this letter, I invite your community to identify a recently completed civic building or structure with wood use (either architecturally or structurally), and submit your nomination for the 2017 Community Recognition Awards, to be presented this September at the UBCM in Vancouver. The awards are presented annually to local governments that advocate for specifying wood use in a local project or through visionary initiatives that work toward building a community culture of wood. Wood use in public buildings brings pride to B.C. towns and cities, and leaves a lasting legacy, which is an enduring celebration of our culture of wood.

If you are thinking of a new project, there has never been a better time to take advantage of the many benefits wood has to offer.

Why wood? Wood is good!

Choosing wood for civic buildings is good for cultural, environmental, budgetary and health reasons. It's also a good choice for our economy, since forestry is a significant economic engine in B.C., and either directly or indirectly benefits us all. We are proud to say that B.C. is recognized as a global leader for wood innovation in building and design, with taller and larger wood buildings being built in centres all around the province, using technologically advanced wood products and building systems - made in B.C.

It is also the best choice for the environment, as nothing can make a green building "greener" than optimizing the use of wood which has a smaller carbon footprint than other building materials. Wood also benefits occupants in the indoor environment. Research has shown people thrive when working and learning in beautiful and high-quality spaces finished with natural materials like wood.

What's new in the world of wood? Consider the advantages and possibilities.

Wood *WORKS!* BC and the Canadian Wood Council are here to offer our technical expertise, training and education to help your local government realize a lower carbon footprint, lower building costs, and comfortable, high-performance and effective spaces for your community. Please call me if you are ready to move forward with a new civic project and I can give you more information on the professional technical services Wood *WORKS!* BC can provide to your project teams, FREE of charge.

The Wood *WORKS!* BC Community Recognition Awards program is your opportunity to showcase your community and a wood project that has brought pride to your citizens.

Submit your nomination today! www.wood-works.ca/bc

Regards,

Lynn Embury-Williams
Executive Director
Wood *WORKS!* BC
1 877 929 9663 – ext. 1
Lembury-williams@wood-works.ca

PS Please note that nominations are only open to local governments and their projects. Projects must have been completed within the last three years and built in whole or part with local government funds. Self-nominations are accepted and encouraged.

Deadline for nominations: Friday, September 1, 2017

About Wood *WORKS!* BC



WOOD SOLUTIONS
CONFERENCES



WOOD DESIGN
LUNCHEON CONFERENCE



IN-HOUSE SEMINARS



WORKSHOPS



WOOD DESIGN AWARDS



TECHNICAL SUPPORT

Wood *WORKS!* is a national industry-led program of the Canadian Wood Council, with a goal to support innovation and provide leadership on the use of wood products and building systems. Through conferences, workshops, seminars and case studies, Wood *WORKS!* provides education, training and technical expertise to building and design professionals and local governments involved with commercial, institutional and industrial construction projects throughout B.C. For almost two decades, Wood *WORKS!* BC has facilitated practical, efficient, versatile and cost-effective building and design solutions through the use of wood – the most sustainable, natural and renewable building material on Earth.

Wood *WORKS!* BC has also worked extensively with municipalities on projects ranging from fire halls to arenas to recreation centres. Wood *WORKS!* BC is a recognized resource to help B.C. communities with the “build with wood” requirements on publicly-funded projects under the Wood First Act, and our expertise is available free-of-charge.

Wood *WORKS!* BC: Services to Local Governments

I. Free Technical Advice

- structural, fire, seismic, acoustic, envelope, architectural, building performance

II. Community Outreach

- Local Governments
- Ministries / Associations

III. Sourcing Wood Products and Building Systems

IV. Professional Development/Liaison

- Architectural Institute of BC, Association of Professional Engineers of BC, Building Officials, Licensing & Consumer Services (formerly Home Protection Office/HPO)

V. High Performance Building Support

- advancing low embodied and low operational carbon buildings in your community

2016 Community Recognition Award Winners



AKBLG -- Association of Kootenay Boundary Local Governments:

City of Castlegar for the Celgar Pavilion
(MERIT: City of Creston for the Rotary Pavilion)



NCLGA -- North Central Local Government Association:

City of Prince Rupert for the Prince Rupert Airport Terminal Building Upgrades and Expansion
(MERIT: City of Fort St. John for the Fort St. John Passive House)



LMLGA -- Lower Mainland Local Government Association:

Village of Harrison Hot Springs for the Beach Washrooms Facility Upgrade
(MERIT: City of Richmond for Mary's Barn)



SILGA -- Southern Interior Local Government Association:

District of Summerland and Okanagan Regional Library for the Summerland Branch Library



AVICC - Association of Vancouver Island and Coastal Communities:

Central Coast Regional District for the Bella Bella Passive House
(MERIT: District of Tofino for McKenzie Beach Access)

June 5, 2017

MOBILE VISITOR CENTRE WILL BRING TOURIST INFO TO LAKE COWICHAN EVENTS

COURTENAY – Bringing tourists to a community’s visitor centre is good, but bringing the visitor info centre to the tourists is even better!

The Cowichan Lake District Chamber of Commerce is embarking on a unique project to create a ‘Mobile Visitor Service Unit’ - a self-contained kiosk that can be deployed to the many events and activities around the region, providing information about the amenities and hospitality options in the area.

The Island Coastal Economic Trust is supporting this project with one-third of the \$90,000 cost. The mobile visitor centre will supplement the services that are available at the visitor information centre in town and capitalize on the tens of thousands of new visitors that the new major outdoor concert venue is attracting to the region.

“This is an innovative project that shows the value in thinking “outside the box” when it comes to economic development in small communities,” said Phil Kent, ICET Chair. “By enabling valuable face-to-face conversations with visitors in strategic locations, the mobile centre presents a great opportunity to promote the region to a wider audience.”

The unit will consist of a trailer, wrapped in customized graphics, and an interior built to hold display materials, info stations, and more. The mobile unit will feature mobile technology to showcase local and regional attractions and will be stocked full of the usual information that visitors expect to find at a visitor information centre, including visitor guides and region maps.

“Our visitor centre had more than 42,000 people come through last year, but we know that at least 50,000 more people were in the area for events,” said Jim Humphrey, President of the Chamber of Commerce. “From Sunfest, Youbou Regatta, sporting events, and more, these are major attractors for visitors, and this new mobile kiosk will allow us to interact with those people directly, supporting our tourism industry.”

The project will strengthen the tourism sector by increasing visitor stays and increasing revenues for local businesses, as well as increasing business opportunities for local hospitality and tourism providers.

The mobile unit is expected to make its debut on July 1, 2017.

About the Island Coastal Economic Trust

Created by the Province of BC in 2006, the Island Coastal Economic Trust is celebrating its tenth year of investment in economic diversification, planning and regional revitalization.

ICET is independently governed by a Board of Directors and two Regional Advisory Committees which include more than 50 locally elected officials, MLAs and appointees from the Island and Coast. This exceptional team of leaders collaborate to set regional priorities and build vital multi-regional networks.

Through a community-centered decision-making process, ICET has approved \$49 million for over 170 economic infrastructure and economic development readiness projects. ICET investments have leveraged over \$270 million in investment into the region creating more than 2500 construction phase jobs and 2600 long term permanent jobs.

A full overview of ICET can be found at www.islandcoastaltrust.ca.

-end-

For further information:

Line Robert, CEO
Island Coastal Economic Trust
Tel. 250-871-7797 (Ext. 227)
line.robert@islandcoastaltrust.ca

Mayor Phil Kent, ICET Chair
City of Duncan
Tel. 250-709-0186
mayor@duncan.ca

Katherine Worsley, Coordinator
Cowichan Lake District Chamber of Commerce
Tel. 250-749-3244
lcchamber@shaw.ca



Vancouver Island Recycling and Waste Industry Coalition (VIRWIC)

To: Association of Vancouver Island and Coastal Communities and all Vancouver Island Regional Districts

RE: Request to Ban Clean Wood Waste

The Vancouver Island Recycling and Waste Industry Coalition (VIRWIC) is a newly formed group with a key purpose to work with local governments and other stakeholders to develop fair and effective recycling and waste management policy. We want local government to meet its recycling and solid waste objectives, the public to receive high quality service at a reasonable cost and industry to have a stable investment environment.

More information about VIRWIC can be found at www.virwic.ca

We request that all Regional Districts ban clean wood waste from disposal as Metro Vancouver has done - <http://www.metrovancouver.org/services/solid-waste/business-institutions/clean-wood-disposal-ban/Pages/default.aspx>

The key benefits to banning clean wood waste from disposal are clear:

1. Banning this high-volume material supports the waste diversion goals of all Regional Districts.
2. Recycling clean wood saves significant landfill space
3. There is a net reduction of Green House Gas (GHGs) emissions if wood waste is recycled/energy recovery versus landfilled
4. There would be limited additional activity required in the commercial, industrial and C&D streams as the incentive to sort wood waste is already encouraged.
5. Strengthens the existing wood recycling networks allowing for further small business investment and job creation.

If you have questions, please do not hesitate to contact us at virwic@shaw.ca .

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Lazaro', with a long horizontal flourish extending to the right.

Dan Lazaro
VIRWIC Co-chair



REQUEST FOR DECISION

To: Board of Directors
From: Teri Fong, CPA, CGA, Manager of Finance
Meeting Date: June 14, 2017
Subject: Finance Warrant No. 577

Recommendation:

THAT the Board of Directors approve Finance Warrant Number 577 in the amount of \$1,209,941.08 dated May 31, 2017.

Summary:

Improve financial controls by increasing the transparency of the Regional District's financial affairs. Regional District Board of Directors review the details of the expenditures made in the previous month and when satisfied approves the finance warrant.

Time Requirements – Staff & Elected Officials:

Minimal

Policy or Legislation:

None

Submitted by: _____
Teri Fong, CPA, CGA, Manager of Finance

ALBURNI-CLAYQUOOT REGIONAL DISTRICT
Cheque Register - Detail - Supp.



AP5100

Date : Jun 05, 2017

Page : 1

Time : 9:40 am

Supplier : 0002 To Z4209
 Trans. Date : 01-May-2017 To 31-May-2017
 Cheque Date : 01-May-2017 To 31-May-2017
 Cheque No. : All
 Batch No. : All

Bank : 0099 To 4
 Status : All
 Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name	Status	Batch	Medium	Amount		
Chq/Ref #	Cheque Date						
Invoice No.	Account No.	Account Description		Debit	Credit		
0012	ABELL PEST CONTROL INC						
40455	09-May-2017		Issued	111	C 89.25		
A0302272	01-4-2500-000	PAYABLES - TRADE			89.25		
Invoice Description --> AVLF - RECYCLING DEPOT - PEST CONTROL							
Total :					89.25	0.00	89.25
Supplier Total :					89.25	0.00	89.25

0016	ACE COURIER SERVICES						
00182-0001	12-May-2017		Issued	112	T 225.03		
14196445	01-4-2500-000	PAYABLES - TRADE			48.67		
Invoice Description --> BCWS - \$21.55, LBA - \$24.81							
14196933	01-4-2500-000	PAYABLES - TRADE			176.36		
Invoice Description --> ACRD - \$19.59, WCLF -\$41.07, AVLF- 475.97, SB WATER - \$31.34							
Total :					225.03	0.00	225.03
Supplier Total :					225.03	0.00	225.03

0030	ACKLANDS-GRAINGER INC.						
00182-0002	12-May-2017		Issued	112	T 653.96		
9413841991	01-4-2500-000	PAYABLES - TRADE			35.73		
Invoice Description --> SLVFD - EQUIPMENT							
9411071682	01-4-2500-000	PAYABLES - TRADE			618.23		
Invoice Description --> BCVFD - EQUIPMENT							
Total :					653.96	0.00	653.96
00183-0001	26-May-2017		Issued	118	T 367.53		
9442381845	01-4-2500-000	PAYABLES - TRADE			6.93		
Invoice Description --> BCVFD - EQUIPMENT							
9440517895	01-4-2500-000	PAYABLES - TRADE			360.60		
Invoice Description --> BVFD - EQUIPMENT							
Total :					367.53	0.00	367.53
Supplier Total :					1021.49	0.00	1021.49

0031	AGAT LABORATORIES				
00182-0003	12-May-2017		Issued	112	T 4924.77
17362422E	01-4-2500-000	PAYABLES - TRADE			730.01
Invoice Description --> AVLF - WATER MONITORING					
17363203E	01-4-2500-000	PAYABLES - TRADE			947.63
Invoice Description --> AVLF - WATER MONITORING					
17363735E	01-4-2500-000	PAYABLES - TRADE			970.20
Invoice Description --> WCLF - WATER MONITORING					
17362446E	01-4-2500-000	PAYABLES - TRADE			1125.60
Invoice Description --> AVLF - WATER MONITORING					
17363736E	01-4-2500-000	PAYABLES - TRADE			1151.33
Invoice Description --> WCLF - WATER MONITORING					

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ALBERNI-CLAYOQUOT REGIONAL DISTRICT
Cheque Register - Detail - Supp.



AP5100 **Page : 2**
Date : Jun 05, 2017 **Time :** 9:40 am

Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
Cheque No. : All
Batch No. : All

Bank : 0099 To 4
Status : All
Medium :
M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				4924.77	0.00	4924.77
Supplier Total :				4924.77	0.00	4924.77

0056 AIR LIQUIDE CANADA

00183-0002	26-May-2017		Issued	118	T	84.67	
66737133	01-4-2500-000	PAYABLES - TRADE			28.22		
Invoice Description --> SLVFD - EQUIPMENT							
66737145	01-4-2500-000	PAYABLES - TRADE			56.45		
Invoice Description --> BCFVD - EQUIPMENT							
Total :					84.67	0.00	84.67
Supplier Total :					84.67	0.00	84.67

0060 ALBERNI COMMUNICATIONS & ELECTRONICS

00182-0004	12-May-2017		Issued	112	T	2586.22	
23305	01-4-2500-000	PAYABLES - TRADE			30.10		
Invoice Description --> BCFVD - EQUIPMENT							
23307	01-4-2500-000	PAYABLES - TRADE			49.28		
Invoice Description --> BCFVD - EQUIPMENT							
23327	01-4-2500-000	PAYABLES - TRADE			151.20		
Invoice Description --> BCFVD - EQUIPMENT							
23214	01-4-2500-000	PAYABLES - TRADE			2355.64		
Invoice Description --> SLVFD - EQUIPMENT							
Total :					2586.22	0.00	2586.22
Supplier Total :					2586.22	0.00	2586.22

0021 ALBERNI DISTRICT CO-OP ASSOCIATION

40490	24-May-2017		Issued	119	C	1604.87	
BCVFD - APR/17	01-4-2500-000	PAYABLES - TRADE			269.40		
Invoice Description --> BCFVD - 0133967 - APRIL FUEL							
BCWS - APR/17	01-4-2500-000	PAYABLES - TRADE			489.35		
Invoice Description --> BCWS - 0104372 - APRIL FUEL							
ACRD - APR/17	01-4-2500-000	PAYABLES - TRADE			846.12		
Invoice Description --> ACRD - 0141614 - APRIL FUEL							
Total :					1604.87	0.00	1604.87
Supplier Total :					1604.87	0.00	1604.87

0032 ALBERNI LANDSCAPING

00182-0005	12-May-2017		Issued	112	T	635.25	
6520	01-4-2500-000	PAYABLES - TRADE			635.25		
Invoice Description --> AVRA - GROUNDS MAINTENANCE							
Total :					635.25	0.00	635.25

ALBERNI-CLAYQUO REGIONAL DISTRICT
Cheque Register - Detail - Supp.



AP5100 **Page : 3**
Date : Jun 05, 2017 **Time :** 9:40 am
Bank : 0099 To 4
Status : All
Medium :
M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
Cheque No. : All
Batch No. : All

Supplier	Supplier Name		Status	Batch	Medium	Amount		
Chq/Ref #	Cheque Date							
Invoice No.	Account No.	Account Description			Debit	Credit		
Supplier Total :						635.25	0.00	635.25
<hr/>								
0455	ALBERNI VALLEY REFRIGERATION LTD.							
00182-0006	12-May-2017		Issued	112	T	165.38		
20170783	01-4-2500-000	PAYABLES - TRADE				165.38		
Invoice Description -->		AVRA - BUILDING MAINTENANCE						
Total :						165.38	0.00	165.38
Supplier Total :						165.38	0.00	165.38
<hr/>								
0066	ALBERNI VALLEY TRANSITION TOWNS SOCIETY							
40491	24-May-2017		Issued	119	C	2600.00		
MAY23/17	01-4-2500-000	PAYABLES - TRADE				2600.00		
Invoice Description -->		PLANNING - GROW LOCAL INITIATIVES						
Total :						2600.00	0.00	2600.00
Supplier Total :						2600.00	0.00	2600.00
<hr/>								
0270	ANDREW SHERET LTD.							
00183-0003	26-May-2017		Issued	118	T	2440.32		
03-032616	01-4-2500-000	PAYABLES - TRADE				63.93		
Invoice Description -->		BCWS - WATER SYSTEM UPGRADES - CAPITAL						
03-099300	01-4-2500-000	PAYABLES - TRADE				378.40		
Invoice Description -->		BCWS - FLUSHING SUPPLIES						
03-095172	01-4-2500-000	PAYABLES - TRADE				385.88		
Invoice Description -->		BCWS - FLUSHING SUPPLIES						
03-032014	01-4-2500-000	PAYABLES - TRADE				503.45		
Invoice Description -->		BCWS - WATER SYSTEM UPGRADES - CAPITAL						
03-032141	01-4-2500-000	PAYABLES - TRADE				1108.66		
Invoice Description -->		BCWS - NEW SERVICE CONNECTION						
Total :						2440.32	0.00	2440.32
Supplier Total :						2440.32	0.00	2440.32
<hr/>								
0022	AON REED STENHOUSE INC.							
00183-0004	26-May-2017		Issued	118	T	62.00		
32000053366-BVFD	01-4-2500-000	PAYABLES - TRADE				62.00		
Invoice Description -->		BVFD - BAMFIELD HALL 164 BOND ST						
Total :						62.00	0.00	62.00
Supplier Total :						62.00	0.00	62.00
<hr/>								
0388	ARROWSMITH AMATEUR RADIO CLUB							
40456	09-May-2017		Issued	111	C	321.00		
APRIL21/17	01-4-2500-000	PAYABLES - TRADE				321.00		
Invoice Description -->		AVEP - INSURANCE REIMBURSEMENT						

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Medium :
M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
Cheque No. : All
Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				321.00	0.00	321.00
Supplier Total :				321.00	0.00	321.00

0394 ASSOCIATED FIRE SAFETY EQUIPMENT

00182-0007	12-May-2017		Issued	112	T	8912.19
16656	01-4-2500-000	PAYABLES - TRADE			8912.19	
Invoice Description --> SLVFD - EQUIPMENT						
Total :				8912.19	0.00	8912.19
Supplier Total :				8912.19	0.00	8912.19

0396 ASSOCIATION OF VANCOUVER ISLAND AND COASTAL COMMUNITES

40492	24-May-2017		Issued	119	C	1055.17
201730	01-4-2500-000	PAYABLES - TRADE			1055.17	
Invoice Description --> 2017 AVICC ANNUAL DUES						
Total :				1055.17	0.00	1055.17
Supplier Total :				1055.17	0.00	1055.17

0508 BAMFIELD BUILDERS SUPPLY

00182-0008	12-May-2017		Issued	112	T	89.25
182067	01-4-2500-000	PAYABLES - TRADE			10.74	
Invoice Description --> BWS - WATER SYSTEM SUPPLIES						
182027	01-4-2500-000	PAYABLES - TRADE			12.86	
Invoice Description --> BWS - WATER SYSTEM SUPPLIES						
182066	01-4-2500-000	PAYABLES - TRADE			65.65	
Invoice Description --> BWS - WATER SYSTEM SUPPLIES						
Total :				89.25	0.00	89.25
Supplier Total :				89.25	0.00	89.25

1050 BAMFIELD VOLUNTEER FIRE DEPARTMENT

40459	09-May-2017		Issued	111	C	750.00
2017.15	01-4-2500-000	PAYABLES - TRADE			750.00	
Invoice Description --> BCEP - ANNUAL CONTRIBUTION FOR RADIO LICENSE AND FACILITY USE						
Total :				750.00	0.00	750.00
40460	09-May-2017		Issued	111	C	4434.29
BVFD- FEB16-APR1	01-4-2500-000	PAYABLES - TRADE			4434.29	
Invoice Description --> BVFD - FEB16-APR14/17 - EXPESNSE REIMBURSED TO IMPREST FUND						
Total :				4434.29	0.00	4434.29
Supplier Total :				5184.29	0.00	5184.29

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 Batch No. : All

Bank : 0099 To 4
 Status : All
 Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
40494	24-May-2017	Issued	119	C		19249.10
104009688492	01-4-2500-000	PAYABLES - TRADE		1063.97		
Invoice Description --> BVFD - HYDRO						
40002817005	01-4-2500-000	PAYABLES - TRADE		18185.13		
Invoice Description --> ACRD - HYDRO CONSOLIDATED						
Total :				19249.10	0.00	19249.10
Supplier Total :				19249.10	0.00	19249.10

0673 BC ONE CALL						
40457	09-May-2017	Issued	111	C		61.43
201709178	01-4-2500-000	PAYABLES - TRADE		61.43		
Invoice Description --> BCWS - 1ST QUARTER MEMBERSHIP FEES						
Total :				61.43	0.00	61.43
Supplier Total :				61.43	0.00	61.43

0700 BC TRANSIT						
000183-0005	26-May-2017	Issued	118	T		17850.00
317602	01-4-2500-000	PAYABLES - TRADE		17850.00		
Invoice Description --> MAR 2017 CUSTOM TRANSIT						
Total :				17850.00	0.00	17850.00
Supplier Total :				17850.00	0.00	17850.00

0524 BC/YUKON COMMAND - ROYAL CANADIAN LEGION						
40493	24-May-2017	Issued	119	C		565.00
2017AD	01-4-2500-000	PAYABLES - TRADE		565.00		
Invoice Description --> AD - MILITARY SERVICE RECOGNITION BOOK						
Total :				565.00	0.00	565.00
Supplier Total :				565.00	0.00	565.00

0735 BEAVER CREEK COMMUNITY CLUB						
40458	09-May-2017	Issued	111	C		50.00
APR24/17	01-4-2500-000	PAYABLES - TRADE		50.00		
Invoice Description --> BEAUFORT - APC MEETING MAY 25/17						
Total :				50.00	0.00	50.00
Supplier Total :				50.00	0.00	50.00

0785 BERKS INTERTRUCK LTD.						
000183-0006	26-May-2017	Issued	118	T		603.07
32442	01-4-2500-000	PAYABLES - TRADE		272.65		
Invoice Description --> SLVFD - TRUCK #46 - MAINTENANCE						
32479	01-4-2500-000	PAYABLES - TRADE		330.42		

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Bank : 0099 To 4
Status : All
Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Invoice Description --> BCVFD - VEHICLE MAINTENANCE						
Total :				603.07	0.00	603.07
Supplier Total :				603.07	0.00	603.07

0791 BERRY & VALE CONTRACTING LTD						
000181-0001	05-May-2017		Issued	108	T	134248.52
2136	01-4-2500-000	PAYABLES - TRADE			27791.99	
Invoice Description --> AVLF - AVLF TRANSFER STATION EXPANSION - CAPITAL						
2144	01-4-2500-000	PAYABLES - TRADE			36902.80	
Invoice Description --> WCLF - APRIL CONTRACT \$34893.52, FREON \$252						
2143	01-4-2500-000	PAYABLES - TRADE			69553.73	
Invoice Description --> AVLF - APRIL CONTRACT \$63495.41, MMBC \$806.18, FREON \$396, OTHER \$1544.05						
Total :				134248.52	0.00	134248.52
Supplier Total :				146995.99	0.00	146995.99

0825 BLACK PRESS GROUP LTD.						
000182-0009	12-May-2017		Issued	112	T	1216.26
33164406	01-4-2500-000	PAYABLES - TRADE			1216.26	
Invoice Description --> SLMP - \$465.79, PLANNING - \$692.57						
Total :				1216.26	0.00	1216.26
Supplier Total :				1216.26	0.00	1216.26

0850 BLONHAHL, PAUL						
40538	31-May-2017		Issued	127	C	211.52
MAY31/17	01-4-2500-000	PAYABLES - TRADE			211.52	
Invoice Description --> ALVF - REFUND PAYMENT MADE IN ERROR						
Total :				211.52	0.00	211.52
Supplier Total :				211.52	0.00	211.52

0843 BLUE ATLAS SAWMILLS LTD						
40496	24-May-2017		Issued	119	C	358.40
469	01-4-2500-000	PAYABLES - TRADE			358.40	
Invoice Description --> AVRA - SIGN PROJECT - CAPITAL						
Total :				358.40	0.00	358.40
Supplier Total :				358.40	0.00	358.40

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Batch No. : All

Bank : 0099 To 4
Status : All
Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name		Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date						
Invoice No.	Account No.	Account Description			Debit	Credit	
0950	BRETT, KENNETH						
000182-0010	12-May-2017		Issued	112	T	1000.00	
BRE178997	01-4-2500-000	PAYABLES - TRADE			1000.00		
Invoice Description --> ALBERNI VALLEY AIRPORT SUPERVISION							
Total :					1000.00	0.00	1000.00
Supplier Total :					1000.00	0.00	1000.00
1035	BUTLER, LES						
000182-0011	12-May-2017		Issued	112	T	3307.50	
2017-04	01-4-2500-000	PAYABLES - TRADE			3307.50		
Invoice Description --> BWS - APRIL 2017 CONTRACTOR							
Total :					3307.50	0.00	3307.50
Supplier Total :					3307.50	0.00	3307.50
1110	CANADA POST CORPORATION						
000182-0012	12-May-2017		Issued	112	T	10.31	
9619562779	01-4-2500-000	PAYABLES - TRADE			10.31		
Invoice Description --> PLANNING - BYLAW - POSTAGE							
Total :					10.31	0.00	10.31
Supplier Total :					10.31	0.00	10.31
1270	CDW CANADA INC						
000183-0008	26-May-2017		Issued	118	T	1104.72	
HTC1104	01-4-2500-000	PAYABLES - TRADE			257.61		
Invoice Description --> BCVFD - COMPUTER EXPENSE							
HTM0132	01-4-2500-000	PAYABLES - TRADE			847.11		
Invoice Description --> ACRD - COMPUTER EXPENSE							
Total :					1104.72	0.00	1104.72
Supplier Total :					1104.72	0.00	1104.72
1316	CERTITECH IT SERVICES						
000182-0013	12-May-2017		Issued	112	T	5853.75	
000208	01-4-2500-000	PAYABLES - TRADE			5853.75		
Invoice Description --> APRIL 2017 - IT SUPPORT \$5,175, AVRA \$400							
Total :					5853.75	0.00	5853.75
Supplier Total :					5853.75	0.00	5853.75
1363	CITY OF NANAIMO						
40463	09-May-2017		Issued	111	C	105.00	
AR005622	01-4-2500-000	PAYABLES - TRADE			105.00		
Invoice Description --> SLVFD - TRAINING							

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Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
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Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				105.00	0.00	105.00
40498	24-May-2017		Issued	119	C	1417.29
AR005699	01-4-2500-000	PAYABLES - TRADE			152.25	
Invoice Description -->		SLVFD - TRAINING				
AR005797	01-4-2500-000	PAYABLES - TRADE			1265.04	
Invoice Description -->		SLVFD - TRAINING				
Total :				1417.29	0.00	1417.29
Supplier Total :				1522.29	0.00	1522.29

1342 CITY OF PORT ALBERNI		Status	Batch	Medium	Amount	
000182-0014	12-May-2017	Issued	112	T	602.18	
MAR31/17-AVLF	01-4-2500-000	PAYABLES - TRADE			602.18	
Invoice Description -->		AVLF - 3RD AVE DEPOT - LEACHATE				
Total :				602.18	0.00	602.18
000183-0009	26-May-2017	Issued	118	T	38184.67	
APR30/17-GARBAG	01-4-2500-000	PAYABLES - TRADE			133.34	
Invoice Description -->		ACRD - GARBAGE - JAN TO APR 2017				
APR30/17-AVLF-SE\	01-4-2500-000	PAYABLES - TRADE			134.72	
Invoice Description -->		AVLF - 3620 3RD AVE WATER & SEWAGE JAN - APR 2017				
APR30/16-ACRD	01-4-2500-000	PAYABLES - TRADE			354.77	
Invoice Description -->		ACRD - OFFICE - WATER & SEWER FEES - JAN01-APR30/17				
APR30/17-BCWS	01-4-2500-000	PAYABLES - TRADE			37561.84	
Invoice Description -->		BCWS - BULD WATER PURCHASE JAN 1 - APR 30/17				
Total :				38184.67	0.00	38184.67
Supplier Total :				38786.85	0.00	38786.85

1351 CIVICINFO BC		Status	Batch	Medium	Amount	
40462	09-May-2017	Issued	111	C	446.25	
2017394	01-4-2500-000	PAYABLES - TRADE			446.25	
Invoice Description -->		PLANNING - RECRUITMENT				
Total :				446.25	0.00	446.25
Supplier Total :				446.25	0.00	446.25

1382 COAST BC CATERING 2010		Status	Batch	Medium	Amount	
000183-0010	26-May-2017	Issued	118	T	397.54	
#25 - 2017	01-4-2500-000	PAYABLES - TRADE			81.59	
Invoice Description -->		ACRD - CAO RECRUITMENT MEETING				
#27 - 2017	01-4-2500-000	PAYABLES - TRADE			81.59	
Invoice Description -->		ACRD - CAO RECRUITMENT MEETING				
#31 - 2017	01-4-2500-000	PAYABLES - TRADE			234.36	
Invoice Description -->		ACRD - COMMITTEE LUNCH				

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Status : All
Medium :
M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				397.54	0.00	397.54
Supplier Total :				397.54	0.00	397.54

1637 CODEWORK INC (CURRENTWARE)

40501	24-May-2017		Issued	119	C	177.45	
2620534	01-4-2500-000	PAYABLES - TRADE			177.45		
Invoice Description --> ACRD - COMPUTER INTERNET MONITORING RENEWAL							
Total :					177.45	0.00	177.45
Supplier Total :					177.45	0.00	177.45

1459 COLYN'S LANDSCAPING LTD.

40500	24-May-2017		Issued	119	C	63.00	
170427	01-4-2500-000	PAYABLES - TRADE			63.00		
Invoice Description --> AVLF - 3RD AVE DEPOT - MAINTENANCE - CHAINLINK FENCE							
Total :					63.00	0.00	63.00
Supplier Total :					63.00	0.00	63.00

1440 COMOX FIREFIGHTERS ASSOCIATION

40499	24-May-2017		Issued	119	C	3150.00	
20170507	01-4-2500-000	PAYABLES - TRADE			3150.00		
Invoice Description --> SLVFD - TRAINING							
Total :					3150.00	0.00	3150.00
Supplier Total :					3150.00	0.00	3150.00

0806 CORIX - CONTROL SOLUTIONS LP

000182-0015	12-May-2017		Issued	112	T	803.39	
INV46226	01-4-2500-000	PAYABLES - TRADE			803.39		
Invoice Description --> BCWS - STRICK RD PUMPHOUSE MAINTENANCE							
Total :					803.39	0.00	803.39

000183-0011

26-May-2017			Issued	118	T	257.46	
INV46362	01-4-2500-000	PAYABLES - TRADE			257.46		
Invoice Description --> BCWS - NORTH RES PUMPHOUSE - MAINTENANCE							
Total :					257.46	0.00	257.46
Supplier Total :					1060.85	0.00	1060.85

0810 CORIX UTILITIES INC.

40495	24-May-2017		Issued	119	C	12043.46
2071300795	01-4-2500-000	PAYABLES - TRADE			12043.46	
Invoice Description --> BCWS / BCVFD - SPLIT HYDRANT MAINTENANCE						

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Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
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Batch No. : All

Supplier	Supplier Name	Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit			
Total :						12043.46	0.00	12043.46
Supplier Total :						12043.46	0.00	12043.46

1594	COWICHAN VALLEY AMATEUR RADIO SOCIETY							
40464	09-May-2017			Issued	111	C	400.00	
2017.17	01-4-2500-000	PAYABLES - TRADE				400.00		
Invoice Description --> BCEP - DONATION FOR 8 STUDENTS								
Total :						400.00	0.00	400.00
Supplier Total :						400.00	0.00	400.00

1595	COWICHAN VALLEY REGIONAL DISTRICT							
40465	09-May-2017			Issued	111	C	20934.57	
17664	01-4-2500-000	PAYABLES - TRADE				20934.57		
Invoice Description --> BVFD - FIRE TRUCK - CAPITAL								
Total :						20934.57	0.00	20934.57
Supplier Total :						20934.57	0.00	20934.57

1650	CUPE - LOCAL 118							
00181-0002	05-May-2017			Issued	108	T	1636.73	
DUESAPR17	01-4-2500-000	PAYABLES - TRADE				1636.73		
Invoice Description --> APRIL 2017 UNION DUES								
Total :						1636.73	0.00	1636.73
Supplier Total :						1636.73	0.00	1636.73

1672	D.A.S.T WELDING INC.							
40502	24-May-2017			Issued	119	C	564.63	
5328	01-4-2500-000	PAYABLES - TRADE				564.63		
Invoice Description --> SLVFD - MAINTENANCE TO PUMPER TRUCK								
Total :						564.63	0.00	564.63
Supplier Total :						564.63	0.00	564.63

1848	D.R.CLOUGH CONSULTING							
40467	09-May-2017			Issued	111	C	2122.29	
ACRD17-3	01-4-2500-000	PAYABLES - TRADE				2122.29		
Invoice Description --> AVRA - EXTENSION - CAPITAL								
Total :						2122.29	0.00	2122.29
Supplier Total :						2122.29	0.00	2122.29

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Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
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Cheque No. : All
Batch No. : All

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
000182-0016	12-May-2017	Issued	112	T		2439.83
274412	01-4-2500-000	PAYABLES - TRADE		885.00		
Invoice Description --> APRIL 2017 - MWS CONTRACTOR						
274413	01-4-2500-000	PAYABLES - TRADE		1554.83		
Invoice Description --> APRIL 2017 - LBA CONTRACTOR						
Total :					2439.83	0.00
Supplier Total :					2439.83	0.00

1709 DEER BAY CONTRACTING						
40466	09-May-2017	Issued	111	C		1984.50
5022	01-4-2500-000	PAYABLES - TRADE		1984.50		
Invoice Description --> SB - TRANSPORTATION - GRADING						
Total :					1984.50	0.00
Supplier Total :					1984.50	0.00

1780 DOLANS CONCRETE LTD.						
000183-0012	26-May-2017	Issued	118	T		47.98
G44623	01-4-2500-000	PAYABLES - TRADE		47.98		
Invoice Description --> BCWS - NEW WATER CONNECTION						
Total :					47.98	0.00
Supplier Total :					47.98	0.00

1847 DUPERE, JOHANNE						
000182-0017	12-May-2017	Issued	112	T		200.00
DUP178998	01-4-2500-000	PAYABLES - TRADE		200.00		
Invoice Description --> SPROAT PARKS CARETAKER						
Total :					200.00	0.00
Supplier Total :					200.00	0.00

0940 DUVALL, EDITH						
000180-0001	01-May-2017	Issued	93	T		1750.00
EDUVALL78738	01-4-2500-000	PAYABLES - TRADE		1750.00		
Invoice Description --> ACRD OFFICE - MONTHLY JANITORIAL						
Total :					1750.00	0.00
Supplier Total :					1750.00	0.00

1999 E-Z SEE REFLECTIVE ADDRESS SYSTEMS						
000182-0018	12-May-2017	Issued	112	T		223.65
343	01-4-2500-000	PAYABLES - TRADE		88.20		
Invoice Description --> S-148 - ADDRESS SIGNAGE - FIRE PREVENTION						
344	01-4-2500-000	PAYABLES - TRADE		135.45		

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 Cheque No. : All
 Batch No. : All

Bank : 0099 To 4
 Status : All
 Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Invoice Description --> SLVFD - ADDRESS SIGNAGE - FIRE PREVENTION						
Total :				223.65	0.00	223.65
Supplier Total :				223.65	0.00	223.65

1953	E.P. ENGINEERED PUMP SYSTEMS LTD.					
40468	09-May-2017	Issued	111	C	625.45	
56364	01-4-2500-000	PAYABLES - TRADE		625.45		
Invoice Description --> WCLF - MAINTENANCE SERVICE INSPECTION						
Total :				625.45	0.00	625.45
Supplier Total :				625.45	0.00	625.45

1934	EDEN TREE FARM AND GARDENING					
40503	24-May-2017	Issued	119	C	1415.75	
#4APR17	01-4-2500-000	PAYABLES - TRADE		1415.75		
Invoice Description --> PLANNING - AG SUPPORT						
Total :				1415.75	0.00	1415.75
Supplier Total :				1415.75	0.00	1415.75

1977	ENVIRONMENTAL DYNAMICS INC					
40505	24-May-2017	Issued	119	C	1247.37	
7267	01-4-2500-000	PAYABLES - TRADE		1247.37		
Invoice Description --> AVLF - NE EXPANSION - CAPITAL						
Total :				1247.37	0.00	1247.37
Supplier Total :				1247.37	0.00	1247.37

1970	EQUIFAX CANADA INC.					
40504	24-May-2017	Issued	119	C	10.50	
4241900	01-4-2500-000	PAYABLES - TRADE		10.50		
Invoice Description --> WCLF - CREDIT CHECK FEE						
Total :				10.50	0.00	10.50
Supplier Total :				10.50	0.00	10.50

1980	ESRI CANADA LTD.					
00181-0003	05-May-2017	Issued	108	T	5980.80	
90109769	01-4-2500-000	PAYABLES - TRADE		5980.80		
Invoice Description --> PLANNING - GIS MAINTENANCE AGREEMENT						
Total :				5980.80	0.00	5980.80
Supplier Total :				5980.80	0.00	5980.80

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Batch No. : All

Supplier	Supplier Name		Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date						
Invoice No.	Account No.	Account Description			Debit	Credit	
1990	EVITT ELECTRIC						
00183-0013	26-May-2017		Issued	118	T	168.00	
335715	01-4-2500-000	PAYABLES - TRADE			168.00		
Invoice Description --> SLVFD - MAINTENANCE							
Total :					168.00	0.00	168.00
Supplier Total :					168.00	0.00	168.00
1994	F. WARREN AND ASSOCIATES						
40506	24-May-2017		Issued	119	C	913.50	
778	01-4-2500-000	PAYABLES - TRADE			913.50		
Invoice Description --> AVLF - N.E. EXPANSION - CAPITAL							
Total :					913.50	0.00	913.50
Supplier Total :					913.50	0.00	913.50
2006	FAR WEST PEST CONTROL SERVICES						
40469	09-May-2017		Issued	111	C	157.50	
A201705011	01-4-2500-000	PAYABLES - TRADE			157.50		
Invoice Description --> LBA - MONTHLY RODENT PROGRAM							
Total :					157.50	0.00	157.50
Supplier Total :					157.50	0.00	157.50
2067	FORTISBC						
40470	09-May-2017		Issued	111	C	70.97	
APR24/17	01-4-2500-000	PAYABLES - TRADE			70.97		
Invoice Description --> BCVFD - MONTHLY NATURAL GAS FOR HALL							
Total :					70.97	0.00	70.97
Supplier Total :					70.97	0.00	70.97
2112	GALLOWAY ELECTRIC						
40507	24-May-2017		Issued	119	C	1138.73	
2017-41	01-4-2500-000	PAYABLES - TRADE			1138.73		
Invoice Description --> LBA- TERMINAL MAINTENANCE							
Total :					1138.73	0.00	1138.73
Supplier Total :					1138.73	0.00	1138.73
2140	GEDDES, RICHARD D.						
00182-0019	12-May-2017		Issued	112	T	55.00	
RG-SLVFD0179000	01-4-2500-000	PAYABLES - TRADE			55.00		
Invoice Description --> SLVFD - MONTHLY PHONE REIMBURSEMENT							

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Status : All
Medium :
M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				55.00	0.00	55.00
Supplier Total :				55.00	0.00	55.00

2322 GUILLEVIN INTERNATIONAL CO.

00183-0014	26-May-2017	Issued	118	T		1017.32
0428-509317	01-4-2500-000	PAYABLES - TRADE		1017.32		
Invoice Description --> SLVFD - EQUIPMENT						
Total :				1017.32	0.00	1017.32
Supplier Total :				1017.32	0.00	1017.32

2485 HOLDER, DAN

40509	24-May-2017	Issued	119	C		6405.00
APR30/17-FSC	01-4-2500-000	PAYABLES - TRADE		2940.00		
Invoice Description --> FIRE SERVICES COORDINATOR - APRIL 2017						
APR30/17-ESC	01-4-2500-000	PAYABLES - TRADE		3465.00		
Invoice Description --> EMERGENCY SERVICES COODINATOR - APRIL 2017						
Total :				6405.00	0.00	6405.00
Supplier Total :				6405.00	0.00	6405.00

2499 HOMETOWN AUTOMOTIVE LTD.

00182-0020	12-May-2017	Issued	112	T		184.81
5482	01-4-2500-000	PAYABLES - TRADE		184.81		
Invoice Description --> ACRD - 2008 TOYOTA - YARIS						
Total :				184.81	0.00	184.81
Supplier Total :				184.81	0.00	184.81

2521 HORNET EXCAVATING

40471	09-May-2017	Issued	111	C		383.25
498	01-4-2500-000	PAYABLES - TRADE		383.25		
Invoice Description --> BC PARK - EVERGREEN PARK - MAINTENANCE						
Total :				383.25	0.00	383.25
Supplier Total :				383.25	0.00	383.25

2570 HOUSE OF SERVICE

40472	09-May-2017	Issued	111	C		65.10
9237	01-4-2500-000	PAYABLES - TRADE		65.10		
Invoice Description --> ACRD - FRIDGE FILTERS						
Total :				65.10	0.00	65.10

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Batch No. : All

Supplier	Supplier Name		Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date						
Invoice No.	Account No.	Account Description			Debit	Credit	
Supplier Total :					65.10	0.00	65.10
<hr/>							
2651	INSIGHT CANADA INC.						
40473	09-May-2017		Issued	111	C	2147.40	
720605422	01-4-2500-000	PAYABLES - TRADE			41.63		
	Invoice Description --> ACRD - COMPUTER EXPENSE						
720602906	01-4-2500-000	PAYABLES - TRADE			97.40		
	Invoice Description --> ACRD - COMPUTER EXPENSE						
720609558	01-4-2500-000	PAYABLES - TRADE			165.58		
	Invoice Description --> ACRD - COMPUTER EXPENSE						
720604839	01-4-2500-000	PAYABLES - TRADE			1842.79		
	Invoice Description --> ACRD - COMPUTER EXPENSE						
Total :					2147.40	0.00	2147.40
<hr/>							
40510	24-May-2017		Issued	119	C	2104.46	
720616021	01-4-2500-000	PAYABLES - TRADE			520.16		
	Invoice Description --> LBA - TONER						
720617286	01-4-2500-000	PAYABLES - TRADE			1584.30		
	Invoice Description --> ACRD - COMPUTER EXPENSE						
Total :					2104.46	0.00	2104.46
<hr/>							
Supplier Total :					4251.86	0.00	4251.86
<hr/>							
2720	INTER-MTN. TESTING LTD.						
40511	24-May-2017		Issued	119	C	1417.50	
T17-146	01-4-2500-000	PAYABLES - TRADE			1417.50		
	Invoice Description --> SLVFD - EQUIPMENT TESTING						
Total :					1417.50	0.00	1417.50
<hr/>							
Supplier Total :					1417.50	0.00	1417.50
<hr/>							
2748	ISLAND BEVERAGE SERVICES						
40474	09-May-2017		Issued	111	C	108.78	
16272	01-4-2500-000	PAYABLES - TRADE			108.78		
	Invoice Description --> ACRD - OFFICE SUPPLIES						
Total :					108.78	0.00	108.78
<hr/>							
Supplier Total :					108.78	0.00	108.78
<hr/>							
2749	ISLAND COMMUNICATIONS LTD.						
40475	09-May-2017		Issued	111	C	2620.80	
25163	01-4-2500-000	PAYABLES - TRADE			2620.80		
	Invoice Description --> BVFD - EQUIPMENT						
Total :					2620.80	0.00	2620.80

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Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Supplier Total :				2620.80	0.00	2620.80

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
2761	ISLAND RADIO LTD.					
00182-0021	12-May-2017	Issued	112	T	352.80	
192039-1	01-4-2500-000	PAYABLES - TRADE		352.80		
Invoice Description --> PLANNING - AG INITIATIVE - GROW LOCAL						
Total :				352.80	0.00	352.80
Supplier Total :				352.80	0.00	352.80

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
1075	J&D WEAVER HOLDINGS LTD. (CANADIAN TIRE #488)					
40461	09-May-2017	Issued	111	C	1374.89	
854330	01-4-2500-000	PAYABLES - TRADE		8.94		
Invoice Description --> SLVFD - EQUIPMENT						
0170079	01-4-2500-000	PAYABLES - TRADE		33.01		
Invoice Description --> SLVFD - EQUIPMENT						
181190	01-4-2500-000	PAYABLES - TRADE		76.70		
Invoice Description --> SLVFD - EQUIPMENT						
010089	01-4-2500-000	PAYABLES - TRADE		133.34		
Invoice Description --> SLVFD - MAINTENANCE						
181187	01-4-2500-000	PAYABLES - TRADE		1122.90		
Invoice Description --> SLVFD - EQUIPMENT						
Total :				1374.89	0.00	1374.89
40497	24-May-2017	Issued	119	C	158.37	
181158	01-4-2500-000	PAYABLES - TRADE		21.80		
Invoice Description --> BCWS - SMALL TOOLS						
180235	01-4-2500-000	PAYABLES - TRADE		136.57		
Invoice Description --> BCWS - SMALL TOOLS						
Total :				158.37	0.00	158.37
Supplier Total :				1533.26	0.00	1533.26

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
2816	J.W.BERRY TRUCKING LTD.					
40476	09-May-2017	Issued	111	C	997.50	
12243	01-4-2500-000	PAYABLES - TRADE		997.50		
Invoice Description --> AVLF - ILLEGAL DUMPING CLEAN-UP						
Total :				997.50	0.00	997.50
Supplier Total :				997.50	0.00	997.50

Supplier	Supplier Name	Status	Batch	Medium	Amount
Chq/Ref #	Cheque Date			Debit	Credit
Invoice No.	Account No.	Account Description			
2787	JACKSON, ROBERT				
00182-0022	12-May-2017	Issued	112	T	80.28
APRIL 21/17	01-4-2500-000	PAYABLES - TRADE		2.63	
Invoice Description --> SL PARKS - BC HYDRO INCREASE OF 3.50%					
CSPNOV1278999	01-4-2500-000	PAYABLES - TRADE		77.65	
Invoice Description --> SL PARKS - COUGAR SMITH REIMBURSEMENT FOR HYDRO USAGE					

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Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				80.28	0.00	80.28
Supplier Total :				80.28	0.00	80.28

2877 KOERS & ASSOCIATES ENGINEERING LTD.

000181-0004	05-May-2017		Issued	108	T	11533.07
1634-011	01-4-2500-000	PAYABLES - TRADE				11533.07
Invoice Description --> BWS - WATER TREATMENT PLANT - CAPITAL						
Total :						11533.07

000182-0023	12-May-2017		Issued	112	T	4013.10
1666-001	01-4-2500-000	PAYABLES - TRADE				4013.10
Invoice Description --> BCWS - DCC STUDY - CAPITAL						
Total :						4013.10

000183-0015	26-May-2017		Issued	118	T	10801.09
1666-002	01-4-2500-000	PAYABLES - TRADE				214.99
Invoice Description --> BCWS - DCC STUDY - CAPITAL						
1634-012	01-4-2500-000	PAYABLES - TRADE				10586.10
Invoice Description --> BWS - WATER TREATMENT PLANT - CAPITAL						
Total :						10801.09
Supplier Total :						26347.26

2890 L.B. WOODCHOPPERS LTD.

000182-0024	12-May-2017		Issued	112	T	654.54
266450	01-4-2500-000	PAYABLES - TRADE				205.14
Invoice Description --> BCWS - SAFETY SUPPLIES						
266005	01-4-2500-000	PAYABLES - TRADE				449.40
Invoice Description --> PLANNING - BYLAW - SAFETY GEAR						
Total :						654.54

000183-0016	26-May-2017		Issued	118	T	55.00
267091	01-4-2500-000	PAYABLES - TRADE				55.00
Invoice Description --> BCWS - SAFETY SUPPLIES						
Total :						55.00
Supplier Total :						709.54

3025 LADY ROSE MARINE SERVICES

000182-0025	12-May-2017		Issued	112	T	1546.10
2010-24048	01-4-2500-000	PAYABLES - TRADE				32.63
Invoice Description --> BWS - WATER SYSTEM SUPPLIES						
2010-24052	01-4-2500-000	PAYABLES - TRADE				232.47
Invoice Description --> BWS - WATER SYSTEM SUPPLIES						
2010-24066	01-4-2500-000	PAYABLES - TRADE				320.25
Invoice Description --> AVLF - BAMFIELD GARBAGE BIN TRANSPORT						

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Supplier	Supplier Name		Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date						
Invoice No.	Account No.	Account Description			Debit	Credit	
2010-24122	01-4-2500-000	PAYABLES - TRADE			320.25		
Invoice Description --> AVLF - BAMFIELD GARBAGE BIN TRANSPORT							
2010-24169	01-4-2500-000	PAYABLES - TRADE			320.25		
Invoice Description --> AVLF - BAMFIELD GARBAGE BIN TRANSPORT							
2010-24236	01-4-2500-000	PAYABLES - TRADE			320.25		
Invoice Description --> AVLF - BAMFIELD GARBAGE BIN TRANSPORT							
Total :					1546.10	0.00	1546.10
Supplier Total :					1546.10	0.00	1546.10
3117 LORDCO							
000183-0017	26-May-2017		Issued	118	T	39.52	
376271	01-4-2500-000	PAYABLES - TRADE			39.52		
Invoice Description --> SLVFD - APPARATUS MAINTENANCE							
Total :					39.52	0.00	39.52
Supplier Total :					39.52	0.00	39.52
3195 MANSON RENOVATING & CONSTRUCTION LTD.							
40514	24-May-2017		Issued	119	C	8949.57	
MAY01/17	01-4-2500-000	PAYABLES - TRADE			8949.57		
Invoice Description --> SLVFD - HALL #2 UPGRADES - CAPITAL							
Total :					8949.57	0.00	8949.57
Supplier Total :					8949.57	0.00	8949.57
3214 MARCIE DEWITT							
000182-0026	12-May-2017		Issued	112	T	6000.00	
APR30/17	01-4-2500-000	PAYABLES - TRADE			6000.00		
Invoice Description --> ACHN - COORDINATOR - APR 2017							
Total :					6000.00	0.00	6000.00
Supplier Total :					6000.00	0.00	6000.00
1210 MAXXAM ANALYTICS							
000182-0027	12-May-2017		Issued	112	T	1455.30	
VA1056029	01-4-2500-000	PAYABLES - TRADE			504.00		
Invoice Description --> SB - WATER MONITORING							
VA1056869	01-4-2500-000	PAYABLES - TRADE			951.30		
Invoice Description --> BCWS - WATER MONITORING							
Total :					1455.30	0.00	1455.30
Supplier Total :					1455.30	0.00	1455.30
3280 MCGILL & ASSOCIATES ENGINEERING							
000182-0028	12-May-2017		Issued	112	T	21856.40	

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Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
16001	01-4-2500-000	PAYABLES - TRADE		70.88		
Invoice Description --> AVLF - GENERAL CONSULTING						
16007	01-4-2500-000	PAYABLES - TRADE		70.88		
Invoice Description --> AVLF - GAS MANAGEMENT PLAN - CAPITAL						
16005	01-4-2500-000	PAYABLES - TRADE		177.19		
Invoice Description --> ALVF - LEACHATE INTERCEPTION CONTROL SOUTH BOUNDARY						
16002	01-4-2500-000	PAYABLES - TRADE		212.63		
Invoice Description --> WCLF - GENERAL CONSULTING						
16011	01-4-2500-000	PAYABLES - TRADE		705.32		
Invoice Description --> AVLF - WASTE DIVERSION INFRASTRUCTURE - CAPITAL						
16009	01-4-2500-000	PAYABLES - TRADE		737.32		
Invoice Description --> ALVF - GYPROC RECYCLING - CAPITAL						
16008	01-4-2500-000	PAYABLES - TRADE		1124.55		
Invoice Description --> WCLF - LEACHATE INVESTIGATION & REMEDIATION						
15983	01-4-2500-000	PAYABLES - TRADE		1851.15		
Invoice Description --> CCCP - CHEERY CREEK TRAIL						
16010	01-4-2500-000	PAYABLES - TRADE		2006.52		
Invoice Description --> CCCP - CHERRY CREEK TRAIL						
16003	01-4-2500-000	PAYABLES - TRADE		2397.94		
Invoice Description --> AVLF - ANNUAL REPORTING						
15982	01-4-2500-000	PAYABLES - TRADE		2967.30		
Invoice Description --> LBA - WATER SYSTEM EVALUATION - CAPITAL						
16006	01-4-2500-000	PAYABLES - TRADE		3754.47		
Invoice Description --> ALVF - NE EXPANSION - CAPITAL						
16004	01-4-2500-000	PAYABLES - TRADE		5780.25		
Invoice Description --> WCLF - ANNUAL REPORTING						
Total :				21856.40	0.00	21856.40
Supplier Total :				21856.40	0.00	21856.40

3340	MINISTER OF FINANCE					
40477	09-May-2017	Issued	111	C		2250.00
MSPMAY/17	01-4-2500-000	PAYABLES - TRADE			2250.00	
Invoice Description --> MSP PREMIUMS FOR MAY 2017						
Total :				2250.00	0.00	2250.00
Supplier Total :				2250.00	0.00	2250.00

3375	MINISTER OF FINANCE (TECH INN. & CITIZENS SVCS)					
40478	09-May-2017	Issued	111	C		269.60
93861682	01-4-2500-000	PAYABLES - TRADE			269.60	
Invoice Description --> SLVFD - TRAINING						
Total :				269.60	0.00	269.60
Supplier Total :				269.60	0.00	269.60

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Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
EFT-13	02-May-2017	Issued	129	E		1467.70
LBATRACMAY17	01-4-2500-000	PAYABLES - TRADE		1467.70		
Invoice Description --> LBA KUBOTA TRACTOR MFA EQUIPMENT FINANCING						
Total :				1467.70	0.00	1467.70
EFT-14	02-May-2017	Issued	129	E		3918.59
AVRA05/17	01-4-2500-000	PAYABLES - TRADE		3918.59		
Invoice Description --> AVRA SHORT TERM BORROWING INTEREST						
Total :				3918.59	0.00	3918.59
Supplier Total :				5386.29	0.00	5386.29

3490 MUNICIPAL PENSION PLAN						
EFT-8	04-May-2017	Issued	88	E		10203.93
PP#08 - 2017	01-4-2500-000	PAYABLES - TRADE		10203.93		
Invoice Description --> PP # 08 - 2017 PENSION REMITTANCE						
Total :				10203.93	0.00	10203.93
EFT-11	02-May-2017	Issued	106	E		10171.08
PP#09 - 2017	01-4-2500-000	PAYABLES - TRADE		10171.08		
Invoice Description --> PP # 09 - 2017 PENSION REMITTANCE						
Total :				10171.08	0.00	10171.08
Supplier Total :				20375.01	0.00	20375.01

3627 NEXCAR SALES LTD.						
000182-0029	12-May-2017	Issued	112	T		608.61
E9191	01-4-2500-000	PAYABLES - TRADE		55.95		
Invoice Description --> BUILDING INSPECTION - 2014 JEEP CHEROKEE - DETAIL						
E9250	01-4-2500-000	PAYABLES - TRADE		59.58		
Invoice Description --> ACRD - 2010 DODGE RAM						
E9290	01-4-2500-000	PAYABLES - TRADE		493.08		
Invoice Description --> BUILDING INSPECTION - 2014 JEEP CHEROKEE						
Total :				608.61	0.00	608.61
000183-0018	26-May-2017	Issued	118	T		623.88
E9437	01-4-2500-000	PAYABLES - TRADE		55.95		
Invoice Description --> BUILDING INSPECTION - 2014 CHEROKEE						
E9357	01-4-2500-000	PAYABLES - TRADE		567.93		
Invoice Description --> ACRD - 2010 DODGE RAM						
Total :				623.88	0.00	623.88
Supplier Total :				1232.49	0.00	1232.49

3648 NORTH ISLAND 911 CORPORATION						
40515	24-May-2017	Issued	119	C		1260.00
515	01-4-2500-000	PAYABLES - TRADE		1260.00		

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M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
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Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Invoice Description --> BCVFD - MOBICAD LICENCE FEE 2017						
528	01-4-2500-000	PAYABLES - TRADE		297515.00		
Invoice Description --> 2017 REQUISITION						
Total :				298775.00	0.00	298775.00
Supplier Total :				298775.00	0.00	298775.00

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
3871 PACIFIC AUDIO WORKS LTD						
40452	02-May-2017		Issued	109	C	6430.51
333367	01-4-2500-000	PAYABLES - TRADE		6430.51		
Invoice Description --> ACRD - AUDIO/VISUAL BOARDROOM - CAPITAL						
Total :				6430.51	0.00	6430.51
Supplier Total :				6430.51	0.00	6430.51

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
3792 PACIFIC BLUE CROSS						
EFT-5	01-May-2017		Issued	110	E	8391.28
469293	01-4-2500-000	PAYABLES - TRADE		8391.28		
Invoice Description --> MAY 2017 - HEALTH, DENTAL & DISABILITY PREMIUMS						
Total :				8391.28	0.00	8391.28
Supplier Total :				8391.28	0.00	8391.28

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
3797 PITEAU ASSOCIATES						
00183-0019	26-May-2017		Issued	118	T	2157.75
18434	01-4-2500-000	PAYABLES - TRADE		2157.75		
Invoice Description --> AVLF - WATER MONITORING						
Total :				2157.75	0.00	2157.75
Supplier Total :				2157.75	0.00	2157.75

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
3116 PRAXAIR CANADA INC.						
40513	24-May-2017		Issued	119	C	225.06
25737969	01-4-2500-000	PAYABLES - TRADE		225.06		
Invoice Description --> SLVFD - ANNUAL EQUIP. LEASE - TRAINING SITE						
Total :				225.06	0.00	225.06
Supplier Total :				225.06	0.00	225.06

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
4115 PRICE'S ALARM SYSTEM LTD						
00182-0030	12-May-2017		Issued	112	T	415.44
2541633	01-4-2500-000	PAYABLES - TRADE		188.68		
Invoice Description --> AVLF - 3RD AVE DEPOT - MONITORING						
2541634	01-4-2500-000	PAYABLES - TRADE		226.76		
Invoice Description --> ACRD - FIRE PANEL MONITORING - MARCH 14 - JUNE 30/17						

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Supplier : 0002 To Z4209
Trans. Date : 01-May-2017 To 31-May-2017
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Batch No. : All

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				415.44	0.00	415.44
000183-0020	26-May-2017	Issued	118	T		251.31
2543644	01-4-2500-000	PAYABLES - TRADE		251.31		
Invoice Description -->		BCVFD - SERVICE CALL				
Total :				251.31	0.00	251.31
Supplier Total :				666.75	0.00	666.75

4187	QUALITY FOODS - PORT ALBERNI					
000182-0031	12-May-2017	Issued	112	T		115.57
61 283706	01-4-2500-000	PAYABLES - TRADE		32.99		
Invoice Description -->		ACRD - OFFICE SUPPLIES				
61 282833	01-4-2500-000	PAYABLES - TRADE		82.58		
Invoice Description -->		ACRD - OFFICE SUPPLIES				
Total :				115.57	0.00	115.57
000183-0021	26-May-2017	Issued	118	T		391.23
61 282389	01-4-2500-000	PAYABLES - TRADE		55.19		
Invoice Description -->		SLVFD - TRAINING				
63 089325	01-4-2500-000	PAYABLES - TRADE		60.59		
Invoice Description -->		SLVFD - TRAINING				
64 068161	01-4-2500-000	PAYABLES - TRADE		63.64		
Invoice Description -->		ACRD - OFFICE SUPPLIES				
62 164359	01-4-2500-000	PAYABLES - TRADE		211.81		
Invoice Description -->		SLVFD - TRAINING				
Total :				391.23	0.00	391.23
Supplier Total :				506.80	0.00	506.80

4205	QUICKSCRIBE SERVICES LTD					
40516	24-May-2017	Issued	119	C		46.20
63711	01-4-2500-000	PAYABLES - TRADE		46.20		
Invoice Description -->		STRATA PROPERTY LEGISLATION UPDATE 2017				
Total :				46.20	0.00	46.20
Supplier Total :				46.20	0.00	46.20

4220	RAYNER & BRACHT LTD					
40479	09-May-2017	Issued	111	C		2685.20
2017074	01-4-2500-000	PAYABLES - TRADE		2685.20		
Invoice Description -->		AVLF - BAMFIELD BIN CHARGES - APR 2017				
Total :				2685.20	0.00	2685.20
Supplier Total :				2685.20	0.00	2685.20

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Bank : 0099 To 4
Status : All
Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
4280	RECEIVER GENERAL FOR CANADA					
40453	02-May-2017	Issued	109	C	19934.79	
PP#09 - 2017	01-4-2500-000	PAYABLES - TRADE		19934.79		
Invoice Description --> TAX REMITTANCE FOR PP # 09 - 2017						
Total :				19934.79	0.00	19934.79
40517	24-May-2017	Issued	119	C	21835.44	
PP#10 - 2017 - DIR	01-4-2500-000	PAYABLES - TRADE		1038.24		
Invoice Description --> TAX REMITTANCE FOR PP # 10 - 2017 - DIRECTORS						
PP#10 - 2017	01-4-2500-000	PAYABLES - TRADE		20797.20		
Invoice Description --> TAX REMITTANCE FOR PP # 10 - 2017						
Total :				21835.44	0.00	21835.44
40539	31-May-2017	Issued	127	C	19366.29	
PP#11 - 2017 - DIR	01-4-2500-000	PAYABLES - TRADE		17.00		
Invoice Description --> TAX REMITTANCE FOR PP # 11 - 2017 - DIRECTORS						
PP#11 - 2017	01-4-2500-000	PAYABLES - TRADE		19349.29		
Invoice Description --> TAX REMITTANCE FOR PP # 11 - 2017						
Total :				19366.29	0.00	19366.29
Supplier Total :				61136.52	0.00	61136.52
4360	REYNOLDS MANUFACTURING					
40518	24-May-2017	Issued	119	C	1145.03	
3181	01-4-2500-000	PAYABLES - TRADE		1145.03		
Invoice Description --> SLVFD - EQUIPMENT						
Total :				1145.03	0.00	1145.03
Supplier Total :				1145.03	0.00	1145.03
4491	ROMPRE, SUZANNE					
00182-0032	12-May-2017	Issued	112	T	850.00	
APR30/17	01-4-2500-000	PAYABLES - TRADE		850.00		
Invoice Description --> APRIL BAMFIELD TRANSFER STATION CONTRACTOR						
Total :				850.00	0.00	850.00
Supplier Total :				850.00	0.00	850.00
4511	ROSE, GEORGE					
40480	09-May-2017	Issued	111	C	592.30	
1016	01-4-2500-000	PAYABLES - TRADE		592.30		
Invoice Description --> ACRD - COMPUTER EXPENSE						
Total :				592.30	0.00	592.30
Supplier Total :				592.30	0.00	592.30

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Medium :
 M=Manual C=Computer R=Credit E=EFT-PAP T=EFT-File

Supplier	Supplier Name					
Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description		Debit	Credit	
4513	RYKA INDUSTRIES LTD.					
40481	09-May-2017	Issued	111	C		6195.00
APRIL 28/17	01-4-2500-000	PAYABLES - TRADE		6195.00		
Invoice Description --> AVLF - NE EXPANSION - CAPITAL						
Total :					6195.00	0.00
Supplier Total :					6195.00	0.00

4602	SCHOOL DISTRICT #70					
40537	30-May-2017	Issued	120	C		50000.00
MAY30/17	01-4-2500-000	PAYABLES - TRADE		50000.00		
Invoice Description --> AVRA - RUNWAY CLEARING EXTENSION - CAPITAL						
Total :					50000.00	0.00
Supplier Total :					50000.00	0.00

4706	SCHWARTZ, HAROLD					
40483	09-May-2017	Issued	111	C		250.00
2017 - 1010	01-4-2500-000	PAYABLES - TRADE		250.00		
Invoice Description --> WOODSTOVE EXCHANGE PROGRAM - SCHWARTZ						
Total :					250.00	0.00
Supplier Total :					250.00	0.00

4648	SETON LAKE CONTRACTING LTD					
40522	24-May-2017	Issued	119	C		3360.00
20170426	01-4-2500-000	PAYABLES - TRADE		3360.00		
Invoice Description --> LBA - FLIGHTWAY CLEARING - CAPITAL						
Total :					3360.00	0.00
Supplier Total :					3360.00	0.00

4888	SEVIGNY, SHELLY					
00182-0033	12-May-2017	Issued	112	T		305.00
APR/2017	01-4-2500-000	PAYABLES - TRADE		305.00		
Invoice Description --> SLVFD - OFFICE ADMIN						
Total :					305.00	0.00
Supplier Total :					305.00	0.00

4645	SHAW CABLE					
40520	24-May-2017	Issued	119	C		263.24
ACRD - 01-JUN-17	01-4-2500-000	PAYABLES - TRADE		263.24		
Invoice Description --> ACRD - ACCT # 012-3529-6377						

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Trans. Date : 01-May-2017 To 31-May-2017
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Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Total :				263.24	0.00	263.24
Supplier Total :				263.24	0.00	263.24

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
4646	SHAW CABLESYSTEMS G.P.					
40482	09-May-2017	Issued	111	C	485.44	
MAY/17-FABER	01-4-2500-000	PAYABLES - TRADE		69.33		
Invoice Description --> SLVFD - ACCT#012-8269-3504 - FABER RD						
MAY/17-LAKESHOR	01-4-2500-000	PAYABLES - TRADE		69.33		
Invoice Description --> SLVFD - ACCT#012-8269-3473 - LAKESHORE RD						
MAY/17-PACIFIC RII	01-4-2500-000	PAYABLES - TRADE		139.26		
Invoice Description --> SLVFD - ACCT #012-8186-3376 - PACIFIC RIM HWY						
BCVFD - MAY01/17	01-4-2500-000	PAYABLES - TRADE		207.52		
Invoice Description --> BCVFD - ACCT# 012-7703-7133						
Total :				485.44	0.00	485.44
40521	24-May-2017	Issued	119	C	207.52	
BCVFD - JUN01/17	01-4-2500-000	PAYABLES - TRADE		207.52		
Invoice Description --> BCVFD - ACCT #012-7703-7133						
Total :				207.52	0.00	207.52
Supplier Total :				692.96	0.00	692.96

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
4589	SIGMA SAFETY CORP					
40519	24-May-2017	Issued	119	C	200.84	
5450	01-4-2500-000	PAYABLES - TRADE		200.84		
Invoice Description --> BCVFD - EQUIPMENT						
Total :				200.84	0.00	200.84
Supplier Total :				200.84	0.00	200.84

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
4717	SMITH, RYAN					
000181-0005	05-May-2017	Issued	108	T	5637.69	
PCAPR/17	01-4-2500-000	PAYABLES - TRADE		88.00		
Invoice Description --> SALMON BEACH SEWAGE						
APR30/17	01-4-2500-000	PAYABLES - TRADE		5549.69		
Invoice Description --> SALMON BEACH SEWAGE						
Total :				5637.69	0.00	5637.69
Supplier Total :				5637.69	0.00	5637.69

Supplier	Supplier Name	Status	Batch	Medium	Amount
Chq/Ref #	Cheque Date			Debit	Credit
Invoice No.	Account No.	Account Description			
4728	SONBIRD REFUSE & RECYCLING LTD.				
000182-0034	12-May-2017	Issued	112	T	13630.41
28111	01-4-2500-000	PAYABLES - TRADE		13630.41	
Invoice Description --> APRIL 2017 WC GARBAGE & RECYCLING					

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Supplier : 0002 To Z4209
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Cheque No. : All
Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				13630.41	0.00	13630.41
Supplier Total :				13630.41	0.00	13630.41

4788 STAPLES ADVANTAGE

40484	09-May-2017		Issued	111	C	332.01	
44345122	01-4-2500-000	PAYABLES - TRADE			68.14		
Invoice Description --> ACRD - OFFICE SUPPLIES							
44280671	01-4-2500-000	PAYABLES - TRADE			117.89		
Invoice Description --> ACRD - OFFICE SUPPLIES							
44261187	01-4-2500-000	PAYABLES - TRADE			145.98		
Invoice Description --> ACRD - OFFICE SUPPLIES							
Total :					332.01	0.00	332.01
Supplier Total :					494.79	0.00	494.79

5001 STERICYCLE COMMUNICATION SOLUTIONS

00183-0022	26-May-2017		Issued	118	T	667.34	
10000117724	01-4-2500-000	PAYABLES - TRADE			97.30		
Invoice Description --> ACRD - CALL-IN-SERVICE- EMPLOYEE SAFETY - JANUARY 2017							
10000132097	01-4-2500-000	PAYABLES - TRADE			97.34		
Invoice Description --> ACRD - CALL-IN-SERVICE- EMPLOYEE SAFETY - FEBRUARY 2017							
10000144238	01-4-2500-000	PAYABLES - TRADE			97.34		
Invoice Description --> ACRD - CALL-IN-SERVICE- EMPLOYEE SAFETY - MARCH 2017							
10000158984	01-4-2500-000	PAYABLES - TRADE			102.74		
Invoice Description --> ACRD - CALL-IN-SERVICE- EMPLOYEE SAFETY - APRIL 2017							
10000171644	01-4-2500-000	PAYABLES - TRADE			272.62		
Invoice Description --> ACRD - CALL-IN-SERVICE- EMPLOYEE SAFETY - MAY 2017							
Total :					667.34	0.00	667.34
Supplier Total :					667.34	0.00	667.34

4785 STEWART MCDANNOLD STUART

00183-0023	26-May-2017		Issued	118	T	2184.60
75756	01-4-2500-000	PAYABLES - TRADE			314.27	
Invoice Description --> LEGAL FEES						
75753	01-4-2500-000	PAYABLES - TRADE			404.68	
Invoice Description --> LEGAL FEES						
75754	01-4-2500-000	PAYABLES - TRADE			582.80	
Invoice Description --> LEGAL FEES						
75755	01-4-2500-000	PAYABLES - TRADE			882.85	
Invoice Description --> LEGAL FEES						

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Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date					
Invoice No.	Account No.	Account Description		Debit	Credit	
Total :				2184.60	0.00	2184.60
Supplier Total :				2184.60	0.00	2184.60

4885 SUN COAST WASTE SERVICES

00181-0006	05-May-2017		Issued	108	T	23970.83	
160744	01-4-2500-000	PAYABLES - TRADE			23970.83		
Invoice Description --> APRIL 2017 - AV RECYCLING CONTRACT							
Total :					23970.83	0.00	23970.83
Supplier Total :					23970.83	0.00	23970.83

4917 SUPERIOR PROPANE

40524	24-May-2017		Issued	119	C	272.84	
15665762	01-4-2500-000	PAYABLES - TRADE			272.84		
Invoice Description --> BWS - PROPANE							
Total :					272.84	0.00	272.84
Supplier Total :					272.84	0.00	272.84

4930 SUPPLIED AIR SYSTEMS INC

40485	09-May-2017		Issued	111	C	6762.00	
60869	01-4-2500-000	PAYABLES - TRADE			6762.00		
Invoice Description --> SLVFD - EQUIPMENT							
Total :					6762.00	0.00	6762.00
Supplier Total :					6762.00	0.00	6762.00

5410 TD VISA

40536	24-May-2017		Issued	119	C	5172.71	
MAY05/17	01-4-2500-000	PAYABLES - TRADE			5172.71		
Invoice Description --> ACRD - \$1625.17, BCWS \$27.98, AVICC 2017 \$485.35, AVICC 2018 \$1916.80, BUILD INSP \$702.80							
Total :					5172.71	0.00	5172.71
Supplier Total :					5172.71	0.00	5172.71

5402 TD VISA (BCVFD)C. STARRATT

40535	24-May-2017		Issued	119	C	1635.90	
MAY05/17	01-4-2500-000	PAYABLES - TRADE			1635.90		
Invoice Description --> BCVFD - TRAINING \$191.33, EQUIPMENT \$1438.97, INTERNET\$5.60							
Total :					1635.90	0.00	1635.90

40540

40540	31-May-2017		Issued	127	C	4336.48
MAY24/17	01-4-2500-000	PAYABLES - TRADE			4336.48	
Invoice Description --> BCVFD - LED SIGNS - CAPITAL						

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Trans. Date : 01-May-2017 To 31-May-2017
Cheque Date : 01-May-2017 To 31-May-2017
Cheque No. : All
Batch No. : All

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Total :				4336.48	0.00	4336.48
Supplier Total :				5972.38	0.00	5972.38

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
5397	TD VISA (CANN)					
40534	24-May-2017	Issued	119	C	442.37	
MAY05/17	01-4-2500-000	PAYABLES - TRADE		442.37		
Invoice Description --> SLVFD - PHONE \$108.64, TRAINING \$333.73						
Total :				442.37	0.00	442.37
Supplier Total :				442.37	0.00	442.37

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
5396	TD VISA (GEDDES)					
40487	09-May-2017	Issued	111	C	16.79	
APR05/17	01-4-2500-000	PAYABLES - TRADE		16.79		
Invoice Description --> SLVFD - TRAINING						
Total :				16.79	0.00	16.79

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
40533	24-May-2017	Issued	119	C	670.90	
MAY05/17	01-4-2500-000	PAYABLES - TRADE		670.90		
Invoice Description --> SLVFD - TRAINING \$332.09, EQUIPMENT \$319.93, MED SUPPLIES \$18.45						
Total :				670.90	0.00	670.90
Supplier Total :				687.69	0.00	687.69

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
4984	TELUS					
40526	24-May-2017	Issued	119	C	2479.27	
MAY07/17	01-4-2500-000	PAYABLES - TRADE		2479.27		
Invoice Description --> ACRD CONSOLIDATED						
Total :				2479.27	0.00	2479.27
Supplier Total :				2479.27	0.00	2479.27

Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
4983	TELUS MOBILITY (BC)					
40525	24-May-2017	Issued	119	C	2017.58	
20322435196	01-4-2500-000	PAYABLES - TRADE		2017.58		
Invoice Description --> ACRD CELLPHONES						
Total :				2017.58	0.00	2017.58
Supplier Total :				2017.58	0.00	2017.58

Supplier	Supplier Name	Status	Batch	Medium	Amount
Chq/Ref #	Cheque Date			Debit	Credit
Invoice No.	Account No.	Account Description			
1890	TETRA TECH EBA INC.				
00183-0024	26-May-2017	Issued	118	T	6207.91
60533091	01-4-2500-000	PAYABLES - TRADE		2906.46	
Invoice Description --> AVRA - RUNWAY CONSTRUCTION TENDER - CAPITAL					
60533092	01-4-2500-000	PAYABLES - TRADE		3301.45	

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Supplier	Supplier Name	Status	Batch	Medium	Amount	
Chq/Ref #	Cheque Date			Debit	Credit	
Invoice No.	Account No.	Account Description				
Invoice Description --> AVRA - AIRFIELD LIGHTING PROJECT - CAPITAL						
Total :				6207.91	0.00	6207.91
Supplier Total :				6207.91	0.00	6207.91

2320	THE GRAPHICS FACTORY	Status	Batch	Medium	Amount	
40508	24-May-2017	Issued	119	C	193.21	
24451	01-4-2500-000	PAYABLES - TRADE		193.21		
Invoice Description --> SB - SEWAGE - RECEIPT BOOKS						
Total :				193.21	0.00	193.21
Supplier Total :				193.21	0.00	193.21

5042	TOFINO COMMUNITY FOOD INITIATIVE/UCLUELET LOCAL FOOD SOCIETY	Status	Batch	Medium	Amount	
40528	24-May-2017	Issued	119	C	3000.00	
MAY23/17	01-4-2500-000	PAYABLES - TRADE		3000.00		
Invoice Description --> PLANNING - GROW LOCAL INITIATIVES						
Total :				3000.00	0.00	3000.00
Supplier Total :				3000.00	0.00	3000.00

5025	TOM HARRIS CELLULAR LTD	Status	Batch	Medium	Amount	
00182-0035	12-May-2017	Issued	112	T	658.56	
PARSIN42369	01-4-2500-000	PAYABLES - TRADE		43.68		
Invoice Description --> ACRD - CELLPHONE SIM CARD						
PORTAIN106176	01-4-2500-000	PAYABLES - TRADE		614.88		
Invoice Description --> ACRD - CELLPHONE RENEWAL						
Total :				658.56	0.00	658.56

00183-0025	26-May-2017	Status	Batch	Medium	Amount	
PORTAIN106271	01-4-2500-000	Issued	118	T	43.68	
Invoice Description --> BCWS - CELLPHONE SUPPLIES						
Total :				43.68	0.00	43.68
Supplier Total :				702.24	0.00	702.24

5033	TOQUAHT NATION	Status	Batch	Medium	Amount	
40527	24-May-2017	Issued	119	C	21.00	
SB-ACCESS RD	01-4-2500-000	PAYABLES - TRADE		7.00		
Invoice Description --> SB TRANSPORTATION - ACCESS RD - RIGHT OF WAY 2011-2017						
SBS - SEPTIC LICEI	01-4-2500-000	PAYABLES - TRADE		7.00		
Invoice Description --> SBS - SEPTIC FIELD - LICENCE OF OCCUPATION - 2011 - 2017						
SBS-RIGHTOFWAY	01-4-2500-000	PAYABLES - TRADE		7.00		
Invoice Description --> SBS - SEPTIC FIELD RIGHT OF WAY LEASE 2011-2017						
Total :				21.00	0.00	21.00

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Supplier	Supplier Name	Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description	Debit	Credit				
5114 TRINEX INTERNET SOLUTIONS INC								
00182-0036	12-May-2017		Issued	112	T		78.75	
8082	01-4-2500-000	PAYABLES - TRADE				78.75		
Invoice Description --> ACRD COMPUTER - MONTHLY WEBSITE								
Supplier Total :						21.00	0.00	21.00

5131 TSESHAHT MARKET								
40454	02-May-2017		Issued	109	C		28850.71	
APRIL28/17	01-4-2500-000	PAYABLES - TRADE				28850.71		
Invoice Description --> SPROAT LAKE SANI STATION GRANT								
Total :						28850.71	0.00	28850.71
Supplier Total :						28850.71	0.00	28850.71

5145 UCLUELET CONSUMERS CO-OP ASSN								
40530	24-May-2017		Issued	119	C		662.39	
LBA - APR/17	01-4-2500-000	PAYABLES - TRADE				662.39		
Invoice Description --> LBA - SB - FUEL COST APRIL 2017								
Total :						662.39	0.00	662.39
Supplier Total :						662.39	0.00	662.39

5186 UCLUELET RENT-IT CENTER								
00182-0037	12-May-2017		Issued	112	T		787.50	
25984	01-4-2500-000	PAYABLES - TRADE				787.50		
Invoice Description --> SALMON BEACH - GARBAGE BIN HAULING & BIN RENTAL								
Total :						787.50	0.00	787.50
Supplier Total :						787.50	0.00	787.50

5180 UNION OF B.C. MUNICIPALITIES								
40486	09-May-2017		Issued	111	C		105.82	
APR19/17	01-4-2500-000	PAYABLES - TRADE				52.91		
Invoice Description --> 2017 REGIONAL DISTRICT CHAIR/CAO FORUM - R. DYSON								
APRIL 19, 2017	01-4-2500-000	PAYABLES - TRADE				52.91		
Invoice Description --> 2017 REGIONAL DISTRICT CHAIR/CAO FORUM - J. JACK								
Total :						105.82	0.00	105.82
Supplier Total :						105.82	0.00	105.82

5142 UNITED FLOORS								

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Supplier	Supplier Name	Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount	
Invoice No.	Account No.	Account Description	Debit	Credit				
40529	24-May-2017		Issued	119	C	443.94		
PA1316	01-4-2500-000	PAYABLES - TRADE				443.94		
Invoice Description --> BUILDING INSPECTION - OFFICE BLINDS								
Total :						443.94	0.00	443.94
Supplier Total :						443.94	0.00	443.94
5284	VANCOUVER ISLAND NORTH FILM COMMISSION							
40531	24-May-2017		Issued	119	C	7500.00		
2017 GRANT IN AID	01-4-2500-000	PAYABLES - TRADE				7500.00		
Invoice Description --> 2017 GRANT IN AID								
Total :						7500.00	0.00	7500.00
Supplier Total :						7500.00	0.00	7500.00
5287	VANCOUVER ISLAND REGIONAL LIBRARY							
40532	24-May-2017		Issued	119	C	115506.00		
2NDQTR2017	01-4-2500-000	PAYABLES - TRADE				115506.00		
Invoice Description --> 2ND QUARTER LIBRARY LEVY 2017								
Total :						115506.00	0.00	115506.00
Supplier Total :						115506.00	0.00	115506.00
5315	VIKING FIRE PROTECTION INC							
00181-0007	05-May-2017		Issued	108	T	53916.93		
531008	01-4-2500-000	PAYABLES - TRADE				7349.90		
Invoice Description --> AVLF - 3RD AVE DEPOT - SPRINKLER - CAPITAL								
532085	01-4-2500-000	PAYABLES - TRADE				13492.50		
Invoice Description --> AVLF - 3RD AVE DEPOT - SPRINKLER - CAPITAL								
530989	01-4-2500-000	PAYABLES - TRADE				33074.53		
Invoice Description --> AVLF - 3RD AVE DEPOT - SPRINKLER - CAPITAL								
Total :						53916.93	0.00	53916.93
Supplier Total :						53916.93	0.00	53916.93
5565	WFR WHOLESALE FIRE & RESCUE LTD.							
40489	09-May-2017		Issued	111	C	2277.76		
104947	01-4-2500-000	PAYABLES - TRADE				2277.76		
Invoice Description --> SLVFD - EQUIPMENT								
Total :						2277.76	0.00	2277.76
Supplier Total :						2277.76	0.00	2277.76
5531	WINNEY, AL							
40488	09-May-2017		Issued	111	C	160.00		
2017.16	01-4-2500-000	PAYABLES - TRADE				160.00		

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Supplier	Supplier Name	Chq/Ref #	Cheque Date	Status	Batch	Medium	Amount
Invoice No.	Account No.	Account Description		Debit	Credit	Amount	
Invoice Description --> BCEP - INVIGILATING 8 AMATEUR RADIO EXAMS							
Total :				160.00	0.00	160.00	
Supplier Total :				160.00	0.00	160.00	

4156	WSP CANADA INC.		Status	Batch	Medium	Amount	
000181-0008	05-May-2017		Issued	108	T	26250.00	
0641338	01-4-2500-000	PAYABLES - TRADE			26250.00		
Invoice Description --> LBA - AIRSIDE CIVIL PROJECTS - CAPITAL							
Total :				26250.00	0.00	26250.00	
Supplier Total :				26250.00	0.00	26250.00	

Total Computer Paid :	<u>724,610.78</u>	Total EFT PAP :	<u>34,152.58</u>	Total Paid :	<u>1,209,941.08</u>
Total Manually Paid :	<u>0.00</u>	Total EFT File Transfer :	<u>451,177.72</u>		



REQUEST FOR DECISION

To: Board of Directors

From: Alberni-Clayoquot Regional Fisheries Resource Committee/Robert Gunn, Contractor

Meeting Date: June 14, 2017

Subject: Pacific Salmon Treaty Negotiations

Recommendation:

THAT the Board of Directors forward a letter to the Canadian Commissioners negotiating the Pacific Salmon Treaty with the U.S. advising that the Alberni-Clayoquot Regional District does not wish to see any further Chinook reduction on the West Coast of Vancouver Island.

Desired Outcome:

To maintain and protect Chinook harvesting on the West Coast Vancouver Island at the current level.

Summary:

Commissioners from Canada and the U.S. will be meeting this summer to negotiate the Pacific Salmon Treaty. The Chinook Chapter is being negotiated. The U.S. is pushing for further Chinook reduction from the West Coast of Vancouver Island.

Background:


The last time the Chinook Chapter of the Pacific Salmon Treaty was amended, in 2009, the volume of Chinook available to Canada was reduced by 30%; in exchange for less Alaska harvesting of Canada bound fish. This reduction in catch had the ultimate impact of being the final and fatal blow to many of the remaining west coast troll fleet. The recently tabled initial U.S. position paper has suggested that to further preserve U.S. bound stocks an additional 25% reduction be applied. This combined with the declining returns and fishing opportunities will severely impact commercial, First Nation and Sport Chinook fishing throughout BC waters and especially the West Coast of Vancouver Island.


Time Requirements – Staff & Elected Officials:

Minimal – Staff/Contractor time required to draft the letter

Financial:

Minimal - Natural Resource Committee has a 2017 budget of \$5,000.00 to support this Committee

Submitted by: 
Tracy Bond, Administrative Assistant, Fisheries Resource Committee

Approved by: 
Wendy Thomson, Acting Chief Administrative Officer



REQUEST FOR DECISION

To: Board of Directors

From: Alberni-Clayoquot Regional Fisheries Committee/Robert Gunn, Contractor

Meeting Date: June 14, 2017

Subject: Invasive Species – Bullfrogs and Koi in Sproat Lake

Recommendation:

THAT the Board of Directors forward a letter to the Provincial and Federal Governments advising of the Regional District's environmental concerns with respect to invasive species in Sproat Lake and asking if there has been any environmental impact studies done with regards to Bullfrogs and Koi in the Sproat Lake Watershed given how important Sproat Lake is to Sockeye rearing.

Desired Outcome:

To minimize the impact of the invasive species Bullfrogs and Koi to Sockeye rearing in the Sproat Lake Watershed.

Summary:

There is concern with the growing population with regards to Bullfrogs and Koi in the Sproat Lake Watershed and how these numbers are affecting the Sockeye survival rate.

Background:


Bullfrogs and Koi are not native to the Sproat Lake Watershed and their numbers are increasing on a yearly basis. These are both invasive species that are threatening native species. The Sproat Lake Watershed is important to Sockeye rearing and it is necessary to determine how the Sockeye is being impacted.

Time Requirements – Staff & Elected Officials:


Minimal – Staff/Contractor time required to draft the letter

Financial:

Minimal – Natural Resource Committee has a 2017 budget of \$5,000.00 to support this Committee

Submitted by: 

Tracy Bond, Administrative Assistant, Fisheries Resource Committee

Approved by: 

Wendy Thomson, Acting Chief Administrative Officer



REQUEST FOR DECISION

To: Board of Directors

From: Alberni-Clayoquot Regional Fisheries Committee/Robert Gunn, Contractor

Meeting Date: June 14, 2017

Subject: Western Canada Marine Spill Response

Recommendation:

THAT the Board of Directors forward a letter to the Minister of Fisheries and Oceans and the Canadian Coast Guard copied to the Western Canada Marine Response Corporation requesting that Marine Spill Response funding not be based on the approval of the Kinder Morgan project proposal.

Desired Outcome:

To ensure there is marine response infrastructure set up for any marine oil spills on the West Coast of British Columbia regardless of approval of the Kinder Morgan program.

Summary:

Western Canada Marine Response Corporation is similar to an industry funded insurance carrier that collects fees from a wide variety of marine users and then undertakes oil spill cleanup when required. The Corporation has promised to significantly expanding their operations, with units in Port Alberni and Ucluelet, if the Kinder Morgan pipeline capacity and tanker traffic is increased. They have assured coastal communities that their existing capacity is sufficient to meet existing traffic. This contention is disputed by communities.

Background:

At a recent meeting with the Alberni-Clayoquot Regional District and Coastal Communities representatives, from Western Canada Marine Response Corporation made it clear that they would not fund the proposed new Alberni and Ucluelet response units without the additional Kinder Morgan derived marine traffic. The Alberni-Clayoquot Regional Fisheries Resource Committee believes that these units are needed regardless of any traffic increase and would like to see the Federal Government find ways to enhance the ability of the Corporation to meet any spill response, perhaps by expanding the mandate and requirement of the Ocean Protection Program.

Time Requirements – Staff & Elected Officials:

Minimal – Staff/Contractor time required to draft the letter

Financial:

Minimal – Natural Resource Committee has a 2017 budget of \$5,000.00 to support this Committee

Submitted by: 

Tracy Bond, Administrative Assistant, Fisheries Resource Committee

Approved by: 

Wendy Thomson, Acting Chief Administrative Officer



REQUEST FOR DECISION

To: Board of Directors
From: Teri Fong, CPA, CGA, Manager of Finance
Meeting Date: June 14, 2017
Subject: Beaver Creek Community Club – Community Works Fund Contribution Amendment

Recommendation:

That the Alberni-Clayoquot Regional District (ACRD) Board of Directors approve the Letter of Understanding with the Beaver Creek Community Club to increase the amount of Community Works Funding from \$40,000 to \$50,000 for the purpose of upgrading recreational infrastructure at the Beaver Creek Community Hall.

Desired Outcome:

To amend the existing agreement with the Beaver Creek Community Club (BCCC) to reflect the decision made during budget discussions to allocate an additional \$10,000 to the organization to complete a drainage and fencing project.

Summary:

The 2016 Gas Tax initiatives approved at the April 13, 2016 Board of Directors meeting included \$40,000 to be provided to the BCCC for recreational infrastructure upgrades to be made to the park located at the Beaver Creek Community Hall. The originally planned upgrades included a new playground structure and a covered recreation area.

During the 2017-2021 Financial Plan discussions the BCCC submitted a grant-in-aid application for \$10,000 to improve drainage of the site and fence the area. Instead of providing the funding as a grant-in-aid it was decided to increase the Community Works Funding Grant awarded to the BCCC in 2016 by \$10,000 to allow for the improvements to be completed.

Time Requirements – Staff & Elected Officials:

Some staff time will be required to ensure the funds are spent on eligible projects and to report the outcomes of the projects as required under the Community Works Fund Agreement.

Submitted by: _____
Teri Fong, CPA, CGA, Manager of Finance

Approved by: _____
Wendy Thomson, Acting Chief Administrative Officer

LETTER OF UNDERSTANDING

BETWEEN:

ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 5TH Avenue
Port Alberni, BC
V9Y 2P9

(the "ACRD")

AND:

BEAVER CREEK COMMUNITY CLUB

8505 Beaver Creek Road
Port Alberni, BC
V9Y 8N6

(the "Community Club")

The Alberni-Clayoquot Regional District and the Beaver Creek Community Club agree to modify the terms of the Contribution Agreement for the Community Works Fund dated June 3, 2016 as follows:

Section 1. Amended to provide up to \$50,000 of Community Works Funds instead of \$40,000.

All other terms and conditions of the Contribution Agreement dated June 3, 2016 shall continue to apply.

IN WITNESS WHEREOF this Agreement has been executed by the parties hereto:

ALBERNI-CLAYOQUOT REGIONAL DISTRICT this ____ day of _____ by its authorized signatories

John Jack, Chairperson

Wendy Thomson, Acting Chief Administrative Officer

BEAVER CREEK COMMUNITY CLUB this ____ day of _____ by its authorized signatories

Name:

Name:



REQUEST FOR DECISION

To: Board of Directors

From: Electoral Area Directors Committee
Teri Fong, CPA, CGA, Manager of Finance

Meeting Date: June 14, 2017

Subject: Community Works Fund – Cherry Creek Waterworks District

Recommendations:

That the Alberni-Clayoquot Regional District Board of Directors approve the Cherry Creek Waterworks District request for \$625,000 of Community Works Funding for the replacement of aging water mainline pipe and direct staff to amend the 2017-2021 Financial Plan to reflect the project.

That the Alberni-Clayoquot Regional District Board of Directors recommend that staff prepare a cooperation agreement between the Alberni-Clayoquot Regional District and the Cherry Creek Waterworks District for sharing information on Cherry Creek Water infrastructure upgrades.

That the Alberni-Clayoquot Regional District Board of Directors direct staff to draft a Contribution Agreement with the Cherry Creek Waterworks District upon receipt of a detailed project plan including:

- a) Objectives of project*
- b) Project impacts and outcomes*
- c) Project timeline*
- d) Financial plan containing a Class 'C' estimate*
- e) Source of additional funds (if necessary)*

Desired Outcome:

To provide Cherry Creek Waterworks District (CCWW) funding to upgrade key aging water mainline infrastructure.

Summary:

The CCWW and their engineer, McGill & Associates, was a delegation at the March 8, 2017 Board of Directors meeting and provided a letter requesting \$625,000 of Community Works Funding to replace some aging water mains within their system. The delegation was received and referred to the Electoral Area Directors Committee for further discussion.

The Electoral Area Directors Committee met on May 23, 2017 and made a motion to request the Board of Directors approve the request for funding. The Committee also recommends that the ACRD and the CCWW create a cooperation agreement in order to share information on critical decisions moving forward. This cooperation agreement was a recommendation of the former CAO as the Alberni Valley is faced with many significant decisions regarding water infrastructure in the near future. Staff do not recommend that this cooperation agreement be a requirement in advance of the funding but that it should be created within the next year, as many of these decisions are imminent.

The third motion presented as a recommendation has been added by staff in order to satisfy the requirements of the

Community Works Fund agreement. The Federal Gas Tax Fund Annual Expenditure Reports requires details such as project objectives, project impacts and outcomes, project timeline and financial plan, and any sources of additional funds and therefore a detailed project plan is very important. Our prior agreement with CCWW did not include these requirement details but having this detailed plan in place would make reporting to UBCM less time consuming for staff, as the information required to complete the reporting would already be available. The plan, when received from CCWW, will be part of the Contribution Agreement as Schedule 'A'.

Background:

The ACRD has previously provided CCWW \$385,000 of Community Works Funding through the original Gas Tax Funding agreement for water system upgrades, this was to complete key water main upgrades.

Time Requirements – Staff & Elected Officials:

Staff time will be required to develop the agreement, process project invoices, and to submit reporting to UBCM. There will also be time requirements involved in developing a cooperation agreement with CCWW. It should be noted that staff do not anticipate having the resources to action a cooperation agreement until a new Chief Administrative Officer has started.

Financial:

The ACRD has allocated just over \$5 million dollars of Community Works Funding when including the \$625,000 of grant funding to the CCWW. The allocation based on population per area is as follows:

Area	Population	% Population	Project Allocations	% of Total Allocated
Area A – Bamfield*	294	3%	\$1,091,500	22%
Area B – Beaufort	456	5%	\$68,111	1%
Area C – Long Beach	1,799	18%	\$584,644	12%
Area D – Sproat Lake	2,295	23%	\$514,000	10%
Area E – Beaver Creek	3,045	31%	\$1,701,159	34%
Area F – Cherry Creek	1,926	20%	\$1,090,000	22%
Totals	9,815	100%	\$5,049,414	100%

Based on the 2017-2021 Financial Plan and this \$625,000 allocation to CCWW there will be an estimated \$375,000 of Community Works Funds available for eligible projects. Although the Renewed Gas Tax agreement extends to the year 2024 the funding commitment from the Federal Government beyond 2018/19 is unknown at this time.

*It should be noted that the \$600,000 allocated to the Bamfield Water System in 2016 was specifically for the Water Treatment Plant upgrades but the ACRD has since received a grant from the Clean Water & Wastewater Fund for this project. Since the intended project for the \$600,000 is no longer required, the Electoral Area Directors Committee should consider other projects for the funding within either the Bamfield Water System or other services. Staff will be presenting an update of previously committed Community Works Fund projects as well as recommendations for future projects in advance of the 2018-2022 Financial Plan discussions.

The 2017-2021 Alberni-Clayoquot Regional District Financial Plan will be amended later this year to reflect the allocation of the \$625,000 to the CCWW in the Electoral Area Administration budget.

Policy or Legislation:

Based on the Renewed Gas Tax Agreement the CCWW is an eligible "Ultimate Recipient" and can therefore receive Community Works Funding through the ACRD but the CCWW cannot directly receive the funding from UBCM. The proposed project falls under the drinking water infrastructure category and is therefore eligible.

Options Considered:

Staff had recommend that the Electoral Area Directors Committee deny the request from CCWW as the ACRD faces infrastructure demands that exceed current revenues thru taxation and tolls and the Community Works Funding

Members: City of Port Alberni, District of Ucluelet, District of Tofino, Yuułu?i?ath Government, Huu-ay-aht First Nations, Uchucklesaht Tribe and Toquaht Nation
 Electoral Areas "A" (Bamfield), "B" (Beaufort), "C" (Long Beach), "D" (Sproat Lake), "E" (Beaver Creek) and "F" (Cherry Creek)

provides an opportunity to close the existing infrastructure gap slightly. The Committees' position was that the funding is received by the ACRD on a basis of population and therefore the allocation to projects should try to reflect the same apportionment whenever possible. The ACRD delivers very few services to the Cherry Creek Area as the CCWW provides both the water and fire services and therefore there is a lack of ACRD eligible projects for Cherry Creek.



Submitted by: _____
Teri Fong, CPA, CGA, Manager of Finance



Approved by: _____
Wendy Thomson, Acting Chief Administrative Officer

CHERRY CREEK WATERWORKS DISTRICT

5920-A Cherry Creek Rd. Port Alberni, B.C. V9Y 8R7

Monday - Friday 9:30am - 1:30pm

Phone 250-723-2214

Fax 250-723-0225

Email ccww@shaw.ca

www.cherrycreekwater.com

07/03/2017

Board of Directors
Alberni Clayoquot Regional District
Port Alberni, BC
V9Y 2E3
Attention: John Jack - Chair

Dear Mr. Jack,

The Board of Trustees for Cherry Creek Water District would like to formally request an amount of \$625,000.00 of Gas Tax funding in the 2017 Budget year. This amount would allow the District to replace aging mainline pipe within the water distribution system. The Board believes these funds would meet all the required criteria outlined in the Gas Tax Agreement.



Michelle Price

Administrator

Cherry Creek Waterworks



REQUEST FOR DECISION

To: Board of Directors

From: Beaver Creek Water Advisory Committee
Andrew McGifford, CPA, CGA Manager of Environmental Services

Meeting Date: June 14, 2017

Subject: Beaver Creek Water System Infrastructure Assessment - 2017

Recommendation:

THAT the Board of Directors adopt the Beaver Creek Water System Infrastructure Assessment (2017) report and use the information to design the Asset Management plan for the service area.

Desired Outcome:

To use the Beaver Creek Water System Infrastructure Assessment (2017) to provide a list of identified short-term and long-term infrastructure upgrades. The information within the assessment to be used to start the Asset Management plan for the Beaver Creek Water System (BCWS).

Summary:

At the June 7, 2017 Beaver Creek Water Advisory Committee (BCWA) meeting the committee received and recommended that the Board of Directors adopt report for long term financial planning for the service area. Also, to use the short term and long term projects identified within the report to provide the Development Cost Charges bylaw charges for subdivision.

The infrastructure renewal program for the BCWS has been updated from the prior one completed in 2011 under the management of the Beaver Creek Improvement District. Recent improvements that have been undertaken and changes in the water system have been considered. Based on a total of 990 service connections, the annual contribution for each service connection is \$617 to provide the Regional District with required funds to replace the infrastructure components once they reach the end of their useful service life.

The water system has approximately 60% Asbestos Cement (AC) watermains and 40% polyvinyl chloride (PVC), in total there are 46,353 meters of pipe ranging from 100 mm diameter to 300 mm diameter. The distribution system also includes approximately 200 valves, 109 fire hydrants, and 41 stand pipe style flush outs.

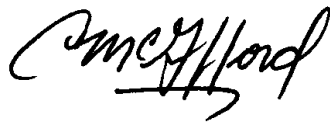
The total replacement costs for the water system in 2017 dollars is \$14,203,330 with an estimated future replacement cost of \$28,521,642, based on the estimated service life of the infrastructure components and the assumed inflation rate. Annual inflation rate of 1.5% was used to calculate the future replacement costs.

The short-term improvements required for the system to operate within the distribution system design requirements and provide the recommended minimum fire flow total 9,325 meters and Class D estimates are \$5,236,750. The long-term improvements required for the system to operate within the distribution system design requirements and provide the recommended minimum fire flow are 7,150 meters and are estimated to

be \$4,267,500.

The next step is to review the parcel tax for the water system to meet the long-term capital needs as identified in the report. The water infrastructure is the main component of the capital cost of the water system. The current rate of \$238 per parcel, per year, is not adequate moving forward. Increasing the rate in one year by \$379 is an option, it would likely considered unfair to undertake all at once. The asset management process is early in the development and other factors such as condition assessments, level of risk and level of service will all factor into the long-term needs of the water system. It should be noted that the infrastructure assessment is based on engineered lifetime for infrastructure; the asset management process will provide a total service review including other items such as vehicles and buildings.

Staff do not believe the BCWA committee nor would the Board support would the immediate increase. Staff will be recommending an increase to \$300 per parcel for 2018 parcel tax to start the increases. A future request for Community Works (Gas Tax) funding will assist in the closing the deficit, staff will bring forth a recommendation at the next meeting. In addition, staff will apply for any grant funding available to minimize this funding gap.



Submitted by:

Andrew McGifford, CPA, CGA, Manager of Environmental Services



Approved by:

Wendy Thomson, Acting Chief Administrative Officer



Alberni-Clayoquot
Regional District

BEAVER CREEK WATER SYSTEM INFRASTRUCTURE ASSESSMENT UPDATE

FINAL REPORT

May 2017



**KOERS
& ASSOCIATES
ENGINEERING LTD.**
Consulting Engineers



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May 31, 2017
1665- 01 (Final Report)

Alberni Clayoquot Regional District
3008 5th Ave
Port Alberni, B.C. V9Y 2E3

Attention: Mr. Andrew McGifford
Manager of Environmental Services

Re: Beaver Creek Water System Infrastructure Assessment - FINAL REPORT

We are pleased to submit three bound copies and a digital pdf copy of the final report entitled "Beaver Creek Water System Infrastructure Assessment."

This report presents: a brief summary the water system; the properties it services; the current operation and maintenance status; a review of the condition of the various components of the water distribution system; and recommended upgrading works for short and long term design horizons, and an updated infrastructure renewal program.

The cost of short-term upgrading works total \$5,236,750 plus GST, including a 30% general contingency and a 30% allowance for engineering and administration costs. These improvements are required to improve the available fire flow and pressures in the system. The cost of the long-term upgrading work, consisting of watermains required to service future development, totals \$4,267,500 plus GST, including a 30% general contingency and a 30% allowance for engineering and administration costs.

The infrastructure renewal program has been updated to reflect the recent improvements that have been constructed in the water system as well changes in the infrastructure costs. Based on a total of 990 service connections the annual contribution for each service connection is \$617 to provide the Regional District with funds to replace the infrastructure components once they reach the end of their useful service life.

We thank you for the opportunity to be of service the Alberni Clayoquot Regional District on this interesting assignment. We have enjoyed working with you and your staff and would be pleased to assist in implementation of the report's recommendations.

Please do not hesitate to contact us to discuss the findings in greater detail and we look forward to your response.

Yours truly,

KOERS & ASSOCIATES ENGINEERING LTD.



Mitchell Brook, P.Eng
Project Engineer



May. 31 2017

Chris Downey P.Eng
Project Manager



**BEAVER CREEK WATER SYSTEM
INFRASTRUCTURE ASSESSMENT
-FINAL REPORT-
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APPENDICES

- Appendix A: Water System Appurtenances
- Appendix B: Infrastructure Renewal Plan

1 INTRODUCTION

1.1 Background

The Beaver Creek Water System (BCWS) supplies a community of approximately 2,800 people, just north of Port Alberni. The majority of the BCWS water distribution system was constructed in the 1960s and was owned and operated by the Beaver Creek Improvement District (BCID). The system was installed in accordance with typical standards of the day, including asbestos cement (AC) mains. Over time, additions were made by land developers between 1970 and the present. The majority of mains installed after 1970 are polyvinyl chloride (PVC).

The water supply for the BCWS originally consisted of an infiltration gallery under the Stamp River and a pump station near the foot of McKenzie Road. Water was pumped from the intake, chlorinated by gas chlorination, and then fed directly into the distribution piping to the storage reservoirs. The river supply was subject to high turbidity during heavy rainfall events and the treatment facility was not in compliance with Island Health's surface water treatment objectives

On June 1, 2012 the BCID became a local service area of the Alberni Clayoquot Regional District (ACRD). Since the ACRD has taken ownership of the water system, several improvements have been completed including water distribution main upgrades and the construction of the new Kitsukis Reservoir. In addition the Strick Road pump station has been constructed, which provides the BCWS with potable water from the City of Port Alberni that meets VIHA's regulations. The Stamp River intake has been maintained by the ACRD for emergency purposes only, in the event of an interruption of the Port Alberni supply.

1.2 Acknowledgements

Koers & Associates Engineering Ltd. acknowledges with thanks the assistance provided by the following Regional District staff during the course of this study:

- Mr. Andrew McGifford
- Mr. Daniel Fredlund

2 EXISTING SYSTEM

Listed below is a summary of the BCWS water system. The pressure zone boundaries, reservoir and pump station locations are shown on **Figure 1**.

2.1 Water Supply

The BCWS is supplied through the Strick Road Pump Station which connects to the City of Port Alberni water system on Beaver Creek Road.

2.1.1 Old Intake

The old Stamp River intake is being maintained as an emergency supply in the event of an interruption to the City of Port Alberni supply.

- The capacity of the intake pump station was recently upgraded by replacing the three pumps with 30 HP low RPM, high volume pumps, including a new 600 V power supply. This provides sufficient capacity to meet maximum day demands well beyond 2035.
- A standby generator and transfer switch was provided for the intake pumps.
- A chlorine residual analyzer was installed at the intake pump station.
- A turbidity analyzer was installed at the intake pump station.
- A SCADA system was installed to monitor flow rate, chlorine residual, source water turbidity, and South Reservoir levels and transmit to central headquarters.

2.2 Water Distribution System

2.2.1 Pressure Zones

Listed below is a summary of the existing pressure zones in the BCWS distribution system:

Pressure Zone 106

The pressure zone services the majority of the distribution system and is supplied by the North Reservoir and Kitsuksis Reservoirs.

Pressure Zone 130

The pressure zone services the area of Beaver Creek Road north of Bainbridge Road and is supplied by the pump station at the North Reservoir Site.

Darnley Road Pressure Zone

The pressure zone services the Darnley Road and Highland Drive area and is supplied by the pump station at the intersection of Darnley Road and Holly Avenue. The discharge HGL of the pump station varies between 128 m and 138 m based on the existing pressure switch settings.

2.2.2 Piping and Appurtenances

The BWS distribution system consists of over 46 km of PVC and Asbestos Cement (AC) watermains ranging from 100 mm dia. to 300 mm dia. as detailed in the **Table 1** below.

Table 1: Distribution Pipe Inventory

Diameter (mm)	Pipe Length (m)		
	PVC	AC	Total
100	360	11,435	11,795
150	12,552	8,238	20,790
200	1,445	8,168	9,613
250	307	0	307
300	3,848	0	3,848
All Diameters	18,512	27,841	46,353

The distribution system also includes approximately 200 valves, 109 fire hydrants, and 41 stand pipe style flushouts. A summary of the appurtenance size, manufacture and any known issues is included in **Appendix A**.

2.3 Water Storage

Listed in **Table 2** below is a summary of the existing storage reservoirs in the BCWS.

Table 2: Reservoir Summary

Reservoir	Style	Material	Volume	Top Water Level
Kitsuksis (new)	Circular (15.4 m dia. x 7 m H)	Bolted Steel	816 m ³⁽²⁾ 1,113 m ³⁽³⁾	±104.4 m ⁽¹⁾
Kitsuksis (old)	Rectangular (9.8m W x 23.8m L x 6.0m H)	Concrete	1,135 m ³	±104.4 m
North	Circular (4.6m dia. x 24.1 m H)	Bolted Steel	390 m ³	± 106 m

Notes:

- (1) Overflow elevation is at 106.3m. The top water level (TWL) of 104.4 m to match existing concrete reservoir.
- (2) Volume based on a TWL of 104.4 m.
- (3) Volume based on a TWL of 106.0 m.

As shown in the table above the BCWS has approximately 2,341m³ of total storage under the current configuration with an additional 297 m³ if a check valve is added to the outlet of the old Kitsuksis Reservoir and the top water level of the new Kitsuksis Reservoir is increased to 106 m.

2.4 Pump Stations

2.4.1 Strick Road Pump Station

The Strick Road Pump Station is the primary source of water for the BCWS. The pump station pumps water from the City of Port Alberni Water System to the North Reservoir and Kitsuksis Reservoirs.

The pump station is equipped with three (3) Grundfos CR90-2 pumps with variable frequency drives (VFDs) and has two modes of operations:

- 1) Mode 1: Reservoir Control. The pumps are controlled by the level in the North Reservoir and will turn on and off based on adjustable set points. This is the primary mode of operation for the pump station.
- 2) Mode 2: Pressure Control. The pumps are controlled by the demand in the system and will speed up or down as well as turn on and off based on pressure through the pump station. This is the secondary mode of operation for the pump station and is utilized in the event that the reservoirs are taken offline for maintenance or repairs.

Listed below is a summary of the operating conditions for the Strick Road Pump Station

Operating Mode	Set Points
Mode 1 Reservoir Control	Lead Pump On: North Reservoir at 88% full (Winter) and 92% Full (Summer) Lag Pump 1 On: North Reservoir at 65% full Lag Pump 2 On: North Reservoir at 55% full All Pumps Off: North Reservoir at 98% full
Mode 2 Pressure Control	Lead Pump On: Continuous Lag Pump 1 On: Pressure drops below 135 psi (930 kPa) with the lead pump at 60 Hz Lag Pump 2 On: Pressure drops below 135 psi (930 kPa) with the lead and lag pumps at 60 Hz Lag Pump 1 Stop: Pressure goes above 135 psi (930 kPa) with lag pump 1 at 45 Hz Lag Pump 2 Stop: Pressure goes above 135 psi (930 kPa) with lag pump 2 at 45 Hz

There is one 100 mm pressure relief valve currently to protect the system from high pressures and to provide flow recirculation at low demand to prevent overheating under the continuous pumping scenario.

2.4.2 North Reservoir Pump Station

The North Reservoir Pump Station services the areas on Beaver Creek Road north of the North Reservoir Site.

The pump station is equipped with two Grundfos CR 150-1 pumps with VFDs to meet the desired pressure of 75 psi (134m HGL) through the range of flows from minimum day demand to peak hour demand.

The pumps are controlled by the outlet pressure via the pressure transmitter located in the pump station. The pumps are controlled in a manner such that the lead pump will maintain the design pressure of 75 psi (515 kPa); if the lead pump is unable to maintain the design flow, the lag pump will turn on.

The lead and lag pumps are automatically cycled daily to ensure that the pump operating hours are balanced throughout the life of the pumps.

There is one 63 mm pressure relief valve set at 88 psi (605 kPa) to protect the system from high pressures and to provide flow recirculation at low demand to prevent overheating of the pump motors.

2.4.3 Darnley Road Pump Station

The Darnley Road pump station services the residents on Darnley Road and Highland Drive. The pump station is equipped with two (2) Grundfos CR32-2 pumps, each with a capacity of 10 lps (158.5 usgpm) and a pressure tank. The pumps are operated by a pressure switch and are set to turn on at 80 psi and run until the pressure reaches 95 psi.

3 SYSTEM MAINTENANCE

3.1 Recent Maintenance History

Based on discussions with the ACRD staff, there have been a number of watermain breaks and leaks in recent years. The majority of the recent water system repairs are associated with service connections that are direct tapped into the existing AC watermain. However since the installation of the new looped watermain on Grandview Road in late 2015 the BCWS has not experienced a watermain break.

The maintenance issues for the existing hydrants and valves are detailed in the appurtenance summaries provided by the ACRD and are listed in Appendix A.

In 2015 the ACRD completed repairs to the North Reservoir (November 2015) and the old concrete Kitsuskis Reservoir (May 2015) to correct leakage issues at each site. In 2016 the ACRD drained, cleaned and repaired the new bolted steel Kitsuskis Reservoir to correct warranty issues.

3.2 Recent Improvements to System

Since 2012 improvements to the BCWS supply and distribution system have been made. Listed below is a summary of some of the larger projects that have been completed:

- Strick Road Pump Station and Watermain Upgrades (250 mm and 200 mm dia.)
- Beaver Creek Road from North Reservoir to 7839 Beaver Creek Road (200 mm dia.)
- Pierce Road from Strick Road to Mersey Road (200 mm dia.)
- Mersey Road from Strick Road to existing hydrant (150 mm dia.)
- Grandview Road from Fraser Avenue to George Street (150 mm dia.)
- Chase Drive from George Street to Drinkwater Road (150 mm dia. by developer)

3.3 Scheduled Maintenance

The ACRD carries out regularly scheduled maintenance of its system. The main activities include:

- Daily (Monday to Friday) pump station inspections and maintenance of chlorination and pump equipment. Remote monitoring of the pump station functions are in place.
- Water quality sampling, including daily chlorine residual measurements in critical parts of the system.
- Reservoir level checks. Remote monitoring and control is in place for the South Reservoir.

4 SYSTEM FLOWS

4.1 Bulk Flow Meter Data

Bulk flow meter data from the flow meter at the Strick Road pump station was provided by the ACRD for 2015. The data was provided in cubic meters per day and has been summarized in monthly totals in **Table 3** below.

Table 3: 2015 Bulk Flow Meter Data

Month	Volume (m ³)
January	28,741
February	20,754
March	28,365
April	28,704
May	38,781
June	51,091
July	45,103
August	40,773
September	28,654
October	28,053
November	30,079
December	25,927
Total Annual	395,025
Average Day	1,082

The maximum daily flow for 2015 was 2,308 m³, which occurred on July 8th.

4.2 Individual Meter Data

The BCWS is a fully metered system with 990 service connections, of which 967 are active. The ACRD operates on quarterly billing cycles and reads the customer meters in March, June, September and December. Individual meter data for 2015 was provided by the ACRD. The total yearly consumption for the 967 meter accounts was **261,413 m³**.

4.3 Non Revenue Water (NRW)

Non revenue water is the difference between the bulk flow meter flows and the billed customer meter flows.

Non revenue water consists of water that is lost through the following activities

- system flushing
- reservoir draining for cleaning and maintenance
- watermain breaks
- leaking watermains and services.

It should be noted that the ACRD fixed the leaking Kitsuksis Reservoir in May of 2015 which will reduce the amount of NRW in the system.

Based on the 2015 data the NRW for the BCWS is shown in **Table 4** below:

Table 4: NRW Summary

Flow Data	Annual Usage (m ³)	
	2015	2016
Bulk Meter	395,025	338,518
Service Meters	261,413	240,041
Non-Revenue Water (NRW)	133,611	98,477
NRW (% of Bulk Meter Usage)	33.8%	29.1%

As shown in the table above the NRW for the system is approximately 34%. The 2016 data has been reviewed to determine the impact on the repairs at the Kitsuksis reservoir. Based on the data the NRW was reduced to 29%. It should be noted that the NRW calculation includes water used for watermain flushing, as well as water that was drained from reservoir for maintenance.

It should be noted that based on the bulk water agreement with the City of Port Alberni this NRW in 2015 accounts for approximately \$48,000, based on charge of \$0.36/m³ as per the City's Waterworks Bylaw 4494. Monitoring flushing volumes, further system repairs or a leak detection program would be beneficial in reducing the NRW in the system.

4.4 Demand Projections

Based on the system flows identified in Section 4.1 the 2015 Average Day and Maximum Day demands for the BCWS are as shown in **Table 5**:

Table 5: Current Average Day and Max Day Demands

	Demand (m ³ /d)	Demand (L/service) ⁽¹⁾
Average Day	1,082	1,092
Maximum Day	2,308	2,331

Note (1): based on 990 service connections in 2015

As per the 2007 report for the Beaver Creek Improvement District there were 939 service connections in 2005. This results in a growth of 51 service connections over the last 10 years or an average growth rate of 0.54%. For the purposes of this report this growth rate will be used to project the number of service connection under Build Out conditions (approximately 50 years).

The projected system demands under Build Out conditions were estimated based on the proposed number of connections and the current water demand per connection. A summary of the projected growth and demands is summarized in **Table 6** below:

Table 6: Growth and Demand Projections

	Service Connections	Average Day (lps)	Max Day (lps)	Peak Hour (lps)
Current	990	12.5	26.7	37.5
Build Out	1,314	16.6	35.4	49.9
Increase	190	4.1	8.7	12.4

As the ACRD does not record peak hour flows a peaking factor of 3 times the average day demands, as per the 2014 Mater Municipal Construction Documents (MMCD) Design Guidelines, has been used.

4.5 Fire Flow Requirements

The ability to provide adequate fire flow is an important feature of a properly designed water distribution system. Fire flow requirements vary, depending on building design, floor area, number of stories, construction materials, if a fire sprinkler system is installed, fire break walls, and spacing from adjacent buildings (exposure).

The design standards for fire flow demands are in accordance with the most recent version of the MMCD Design Guidelines and the “Water Supply for Public Fire Protection” by the Fire Underwriters Survey (FUS). The assumed minimum required fire flow for various land use, and associated fire flow duration, are presented in **Table 7**:

Table 7: Fire Flow Demands

Land Use	Assumed Minimum Required Fire Flow	
	Demand (L/s)	Duration (hrs)
Single Family Residential	60	1.75
Commercial/Institutional	150	2
Industrial	225	4

4.6 Service Pressure Requirements

The service pressure requirements listed in the MMCD Design Guidelines are listed below in **Table 8**:

Table 8: Service Pressure Requirements

Parameter	Value
Under Peak Hour Demand Conditions	
Minimum residual pressure at property line	300 kPa (44 psi)
Under Fire Flow Demand Conditions (during Maximum Day Demands)	
Minimum residual pressure at hydrant	150kPa (22 psi)
Under Static Conditions	
Maximum service pressure	850 kPa (123 psi)

5 WATER MODEL ANALYSIS

The current BCWS WaterGems model was used for the water model analysis. The modeling results are discussed below.

5.1 Model Update

The water model was updated to reflect the current BCWS mapping information provided by the ACRD. The Strick Road pump station was inputted into the model and the Stamp River Intake was disconnected to represent the current system operation.

The reservoir storage volume at the Kitsuksis Reservoir site was updated to reflect the improvements completed in 2014.

The pump station at Darnley Road was added to the model to provide an accurate representation of the available pressures and fire flows in the service area.

Piping upgrades that were completed in the summer and fall of 2016, that were not included in the latest water map, were added to the water model.

5.2 Peak Hour Pressure Review

The existing system is capable of providing peak hour demands and maintaining more than 280 kPa (40 psi) throughout the water system, with the exception of the areas adjacent to the reservoirs and areas in Pressure Zone 106 with an elevation greater than where the elevation is greater than 78 m.

The peak hour demand residual pressures for existing conditions are shown on **Figure 2**.

The highest pressures are along Grandview Road south of Gordon Avenue where the pressure is approximately 861 kPa (125 psi).

5.3 Fire Flow Review

The available fire flows during maximum day demand for the current conditions is shown in **Figure 3**. Under the fire flow review it was assumed that the Strick Road, Darnley and North Reservoir Pump Station we operating to provide a representation of how the system would react with heavy demands on the reservoir.

As shown in **Figure 3**, there are large sections of the distribution system that are not able to meet the minimum fire flow requirements. The deficient fire flows can be attributed to small diameter piping (100 mm dia.) and a lack of looped mains.

The fire flows in the areas serviced by the Darnley Road pump station are limited by the capacity of the current pumps at the pump station. In order to increase the fire flows in these areas larger pumps will be required.

5.4 Reservoir Storage

The projected volume for required system storage was calculated using the following formula as listed in the Master Municipal Construction Documents Design Guideline Manual:

$$\text{Volume (V)} = A + B + C$$

Where: A = Fire Storage

B = Equalization (Peaking) Storage (25% of Max Day Demands)

C = Emergency Storage (25% of A + B)

The requirement for Emergency Storage (C) can be reduced or eliminated based on several factors, including water source dependability; reliability of the supply system (e.g. gravity vs pumped, duplication of mains and treatment, standby emergency power); multiple sources; more than one storage reservoir; and reservoir water circulation needs. The calculated storage volume for the BCWS is shown in **Table 9** for Year 2067.

Table 9: Reservoir Storage Requirements

Year	Storage Volume					
	Required (m ³)				Storage (m ³)	Shortfall (m ³)
	Equalization	Fire Flow	Emergency	Total		
2017	584	1,080	416	2,080	2,341	261
2067	766	1080	461	2,307	2,341	34

As shown in the table above the existing reservoir storage volume is sufficient for build out (50 year) growth projections.

6 PROPOSED IMPROVEMENTS

6.1 Short Term Improvements

The short improvements required in order for the system to operate within the distribution system design requirements and provide the recommended minimum fire flow are presented in **Table 10** and shown on **Figures 4**.

Table 10: Required Short Term Improvement Works

Project No.	Location	Diameter (mm)		Length (m)
		Existing	Proposed	
W-1	Beaver Creek Road – 7874 Beaver Creek Road to the west end	100	200	600
W-2	Drinkwater Road	100	150	695
W-3	Lamarque Road – Wadena Road to Kellow Road	100	150	815
W-4	Walker Road	100	150	805
W-5	Smith Road – Lothian Road to Lamarque Road	100	150	700
W-6	Fayette Road – Beaver Creek Road to Swanson Road	100	150	795
W-7	Falls Street – Malabar Road to Lugrin Road	100	150	405
W-8	Falls Street – Lugrin Road to Georgia Road	100	200	400
W-9	Georgia Road	100	150	565
W-10	Hills Road – 6099 Hills Road to Beaver Creek Road	100	150	220
W-11	Karen Place – 6303 Karen Place to Withers Road	100	150	790
W-12	Withers Road – Karen Place to Falls Street	100	150	175
W-13	Kitsuksis Street, Poplar Road and Dayton Road	100/150	200	475
W-14	Bainbridge Road and Cameron Road	100	200	285
W-15	Tomswood Road	100	150	250
W-16	Holly Avenue – Poplar Road to Willow Road	-	150	920
W-17	Dashwood Road – Beaver Creek Road to Thompson Road	-	150	430
Total Length:				9,325

6.2 Long Term Improvements

As there are no comprehensive development areas identified in the current Beaver Creek Official Community Plan, future development locations have been assumed for this report. The proposed development locations are shown on **Figure 5**. It has been assumed that the future development will not be permitted in the areas located in the Agricultural Land Reserve.

The long improvements required in order for the system to operate within the distribution system design requirements and provide the recommended minimum fire flow are presented in **Table 11** and shown on **Figure 5**.

Table 11: Required Improvement Works

Project No.	Location	Diameter (mm)		Length (m)
		Existing	Proposed	
DA-1	Maple Street, Bigwood Road, McEachren Road Area	-	200	2,500
DA-2	Sefton Road and Nelson Avenue Area	-	200	2,000
DA-3	Upland Road Area	-	200	900
DA-4	Kirkpatrick Avenue Area	-	200	550
DA-5	Donahue Road and Traves Road Area	-	200	750
DA-6	Georgia Road Area	-	150	450
Total Length:				7,150

It should be noted that the proposed improvements should be reviewed as development applications are submitted to the ACRD, as the servicing requirements for future developments may differ from the works proposed.

7 INFRASTRUCTURE RENEWAL PROGRAM

In order to assist the ACRD with budgeting for future replacement works, as the existing watermains and facilities reach the end of their service life, an infrastructure renewal program is required.

The infrastructure renewal plan consists of three parts:

- 1) Inventory of the existing infrastructure
- 2) Estimate of the future replacement cost for the infrastructure
- 3) Calculation of the annual contributions required to fund the infrastructure replacement

The infrastructure renewal plan is listed in **Appendix B** with a brief summary of each part of the renewal plan listed below:

7.1 Infrastructure Inventory

An inventory was completed of the BCWS water supply and distribution infrastructure system and provides a summary of the following information:

- 1) Location
- 2) Watermain length, diameter and material
- 3) Appurtenance type
- 4) Reservoir and pump stations
- 5) Estimated installation date and remaining service life

It should be noted that the inventory does not include the proposed system improvements identified in **Section 6**.

7.2 Future Replacement Costs

The future replacement costs are calculated by determining the present day replacement cost for each infrastructure item and then applying an inflation rate over the remaining service life of the item.

The present day replacement costs for the infrastructure items are based on recent watermain projects that have been completed in the BCWS. The pricing for the watermain replacement include excavation, backfill and surface restoration.

The improvement projects noted in **Section 6** have been excluded from the replacement value calculation.

For the purposes of this report an annual inflation rate of 1.5% has been used to calculate the future replacement costs.

The total replacement costs for the water system in 2017 dollars is \$14,203,330 with an estimated future replacement cost of \$28,521,642, based on the estimated service life of the infrastructure components and the assumed inflation rate.

7.3 Annual Contributions

In order to ensure that the ACRD has sufficient funds to replace the water infrastructure in the BCWS as it reaches the end of its design service life, annual contributions are required.

To determine the annual contributions to the infrastructure renewal program the opportunity value of time was included in the calculation. The opportunity value of time, with regards to future versus current funds, can be represented in terms of the economic return that could be earned if the funds if they were utilized under their next best alternative (ie, the funds could be earning interest). Adjusting for the opportunity value of time is known as discounting. Typical discount rates vary from 3 to 5 percent and for the purposes of this report a value of 3 percent was used.

To determine the annual contributions the following formula was used:

$$\text{Annual Contribution} = \frac{\text{Future Value} \times \left(\frac{1}{(1+r)^n} \right)}{n}$$

Where:

r = real discount rate (3%)

n = number of years in the future when the cost will be incurred.

Based on the projected future replacement costs identified the annual contribution required for the water system is \$611,186 or roughly 2.1% of the future replacement costs.

With the number of serviced parcels at 990, the annual contribution required per serviced parcel to fully replace the system over the remaining useful life is **\$617**.

8 COST ESTIMATES

The cost estimates in this report are based on Class ‘D’ (feasibility study) estimates, made without preliminary design input. The estimates include a 30% general contingency and a 30% allowance for construction, engineering, financing, legal and administration costs. Cost estimates are derived from our in-house construction cost data of watermain construction projects in the mid-Vancouver Island area and are exclusive of GST.

Table 12: Short Term Cost Estimates

Project No.	Location	Length (m)	Dia. (mm)	Unit Price	Extension
W-1	Beaver Creek Rd – 7874 Beaver Creek Rd to the west end	600	200	\$600	\$360,000
W-2	Drinkwater Rd	695	150	\$550	\$382,250
W-3	Lamarque Rd – Wadena Rd to Kellow Rd	815	150	\$550	\$448,250
W-4	Walker Rd	805	150	\$550	\$442,750
W-5	Smith Rd – Lothian Rd to Lamarque Rd	700	150	\$550	\$385,000
W-6	Fayette Rd – Beaver Creek Rd to Swanson Rd	795	150	\$550	\$437,250
W-7	Falls St – Malabar Rd to Lugin Rd	405	150	\$550	\$222,750
W-8	Falls St – Lugin Rd to Georgia Rd	400	200	\$650	\$260,000
W-9	Georgia Rd	565	150	\$550	\$310,750
W-10	Hills Rd – 6099 Hills Rd to Beaver Creek Rd	220	150	\$550	\$121,000
W-11	Karen Pl – 6303 Karen Pl to Withers Rd	790	150	\$550	\$434,500
W-12	Withers Rd – Karen Pl to Falls St	175	150	\$550	\$96,250
W-13	Kitsuksis St, Poplar Rd and Dayton Rd	475	200	\$600	\$285,000
W-14	Bainbridge Rd and Cameron Rd	285	200	\$600	\$171,000
W-15	Tomswood Rd	250	150	\$550	\$137,500
W-16	Holly Ave – Poplar Rd to Willow Rd	920	150	\$550	\$506,000
W-17	Dashwood Rd – Beaver Creek Rd to Thompson Rd	430	150	\$550	\$236,500
Total:					\$5,236,750

Table 13: Long Term Cost Estimates

Project No.	Location	Length (m)	Dia. (mm)	Unit Price	Extension
DA-1	Maple Street, Bigwood Road, McEachren Road Area	2,500	200	\$600	\$1,500,000
DA-2	Sefton Road and Nelson Avenue Area	2,000	200	\$600	\$1,200,000
DA-3	Upland Road Area	900	200	\$600	\$540,000
DA-4	Kirkpatrick Avenue Area	550	200	\$600	\$330,000
DA-5	Donahue Road and Traves Road Area	750	200	\$600	\$450,000
DA-6	Georgia Road Area	450	150	\$550	\$247,500
Total:					\$4,267,500

9 CONCLUSIONS

- 1) The BCWS is supplied through the Strick Road Pump Station which connects to the City of Port Alberni water system on Beaver Creek Road.
- 2) The BWS distribution system consists of 2 reservoir sites, 2 pump stations and over 46 km of PVC and Asbestos Cement (AC) watermains ranging from 100 mm dia. to 300 mm dia.
- 3) The majority of the recent water system repairs are associated with service connections that are direct tapped into the existing AC watermain.
- 4) The existing system is capable of providing peak hour demands and maintaining more than 280 kPa (40 psi) throughout the water system, with the exception of the areas adjacent to the reservoirs and areas in Pressure Zone 106 with an elevation greater than where the elevation is greater than 78 m.
- 5) Large sections of the distribution system that are not able to meet the minimum fire flow requirements. The deficient fire flows can be attributed to small diameter piping (100 mm dia.) and a lack of looped mains.
- 6) The fire flows in the areas serviced by the Darnley Road pump station are limited by the capacity of the current pumps at the pump station. In order to increase the fire flows in these areas larger pumps will be required.
- 7) Based on the 2016 data the NRW for the BCWS was 29%.
- 8) The projected system demands under Build Out conditions were estimated based on the proposed number of connections and the current water demand per connection. A summary of the projected growth and demands is summarized below:

	Service Connections	Average Day (lps)	Max Day (lps)	Peak Hour (lps)
Current	990	12.5	26.7	37.5
Build Out	1,314	16.6	35.4	49.9
Increase	190	4.1	8.7	12.4

- 9) The existing reservoir storage volume is sufficient for build out (50 year) growth projections.
- 10) In order to assist the ACRD with budgeting for future replacement works, as the existing watermains and facilities reach the end of their service life, an infrastructure renewal program is required.

10 RECOMMENDATIONS

- 1) Proceed with the short term and long improvement options outlined in this report.
- 2) Implement the annual contributions of \$617 per lot for the infrastructure renewal plan as outlined in this report.

Appendix A

Water Infrastructure Summary

Line Valve Inventory 2016
(Information Provided by ACRD Staff)

Valve #	Street Address	Street Name	Size	Operational Details	Repairs Required	Replacement Priority
1	5630 Arvay Rd	Arvay Rd	6"	Operates fine		3
2	5630 Arvay Rd	Arvay Rd	6"	Operates fine		3
3	5425 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine		
4	5491 Beaver Creek Rd	Beaver Creek Rd				
5	5491 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
6	5577 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
7	5577 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
8	5577 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine		
9	5691 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
10	5691 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine	Box needs to be cleaned out	
11	5691 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
12	5705 Beaver Creek Rd	Beaver Creek Rd	8"? or 12"?	Operates Stiff		1
13	5705 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
14	5882 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine	Clean out box	
15	5882 Beaver Creek Rd	Beaver Creek Rd	8"	Operates Ok	clean out box	
16	5979 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine	Packing Leaking	
17	6055 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
18	6197 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine	clean out box	
19	6197 Beaver Creek Rd	Beaver Creek Rd	6"	Operates Ok	clean out box	
20	6401 Beaver Creek Rd	Beaver Creek Rd	4"	Operates stiff		1
21	6497 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine		
22	6561 Beaver Creek Rd	Beaver Creek Rd	4"	Operated fine		
23	6561 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
24	6561 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
25	6615 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
26	6655 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine	could use a ditch plank, valve leaks when being shut off	
27	6719 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
28	6735 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
29	6735 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
30	6941 Beaver Creek Rd	Beaver Creek Rd	8"	Operates a bit stiff		1
31	6941 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
32	6980 Beaver Creek Rd	Beaver Creek Rd	12"	Operates fine		
33	6980 Beaver Creek Rd	Beaver Creek Rd	12"	Operates fine		
34	7015 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine	box full of water and mud	
35	7650 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
36	7650 Beaver Creek Rd	Beaver Creek Rd	2"	Operates fine		
37	7650 Beaver Creek Rd	Beaver Creek Rd		OFF		
38	7650 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
39	7650 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
40	7650 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
41	7650 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine	clean out valve box	
42	7684 Beaver Creek Rd	Beaver Creek Rd				
43	7684 Beaver Creek Rd	Beaver Creek Rd				
44	7700 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
45	7700 Beaver Creek Rd	Beaver Creek Rd	8"	Operates fine		
46	7700 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
47	7700 Beaver Creek Rd	Beaver Creek Rd	8"	OFF		
48	7827 Beaver Creek Rd	Beaver Creek Rd	2"	OFF		
49	7839 Beaver Creek Rd	Beaver Creek Rd	6"	Operates fine		
50	7885 Beaver Creek Rd	Beaver Creek Rd	6"?	Operates fine		
51	7885 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine		
52	7975 Beaver Creek Rd	Beaver Creek Rd	4"	Operates fine	water in Box	
53	Across from Gill school	Beaver Creek Rd				
54	Across from Gill school	Beaver Creek Rd	6"	Operates fine	Water in box	
55	Across from Gill school	Beaver Creek Rd	6"	Operates fine		
56	4939 Bush Rd	Bush Rd	4"	Operates fine	box could be cleaned out	2
57	At hydrant #80	Chase Rd	6"	Operates fine		
58	Lot 3 on Chase Rd	Chase Rd	6"	Operates fine		
59	4335 Compton Rd	Compton Rd	6"	Operates fine		3
60	4535 Compton Rd	Compton Rd	6"	Operates fine		3
61	5150 Darnley Rd	Darnley Rd				
62	5150 Darnley Rd	Darnley Rd				
63	5150 Darnley Rd	Darnley Rd				
64	5150 Darnley Rd	Darnley Rd				
65	5150 Darnley Rd	Darnley Rd				
66	5198 Darnley Rd	Darnley Rd	6"	Operates fine	box could be cleaned out	
67	5264 Darnley Rd	Darnley Rd	6"	Operates fine		
68	5264 Darnley Rd	Darnley Rd	6"	Operates OK	box/riser needs to be centered on operating nut	
69	7230 Dashwood Rd	Dashwood Rd	6"	Operates fine		2
70	4721 Dayton Rd	Dayton Rd	6"	Operates fine		3
71	6060 Drinkwater Rd	Drinkwater Rd	4"	Operates fine		2
72	6253 Drinkwater Rd	Drinkwater Rd	6"	Operates fine		3
73	5867 Falls Rd	Falls Rd	6"	Operates fine		
74	5867 Falls Rd	Falls Rd	6"	Operates fine		
75	5867 Falls Rd	Falls Rd	6"	Operates fine		
76	5950 Falls Rd	Falls Rd	6"	Operates fine	riser isnt centered on operating nut	
77	5957 Falls Rd	Falls Rd	6"	Operates fine		
78	6085 Falls Rd	Falls Rd	4"	Operates fine		
79	6245 Fayette Rd	Fayette Rd	4"	Operates Ok		2
80	6245 Fayette Rd	Fayette Rd	4"	Operates a little stiff	needs a ditch plank	1
81	6111 George Street	George St	6"	Operates fine		
82	6275 Georgia Rd	Georgia Rd	4"	Operates fine	operating nut needs a pin to hold it in place, nut lifts off of valve	1
83	5247 Gordon Rd	Gordon Rd	12"		Water in box, Pumps on at Strick so we didn't operate valve	3
84	5670 Grandview Rd	Grandview Rd	6"	Operates fine		
85	5708 Grandview Rd	Grandview Rd	6"	Operates fine		
86	5708 Grandview Rd	Grandview Rd	12"			
87	5708 Grandview Rd	Grandview Rd	6"	Operates fine		
88	5708 Grandview Rd	Grandview Rd	6"	Operates fine	Water in box	
89	5884 Grandview Rd	Grandview Rd	6"	Operates fine		

1 = highest priority, 3 = lowest priority

Line Valve Inventory 2016
(Information Provided by ACRD Staff)

Valve #	Street Address	Street Name	Size	Operational Details	Repairs Required	Replacement Priority
90	5345 Highland Rd	Highland Rd	6"	Operates fine		3
91	5345 Highland Rd	Highland Rd	6"	Operates fine		3
92	6630 Hills Rd	Hills Rd	4"	Operates fine		2
93	6638 Hills Rd	Hills Rd	6"	Operates fine		
94	6692 Hills Rd	Hills Rd	6"	Operates fine		
95	6692 Hills Rd	Hills Rd	6"	Operates fine		
96	6692 Hills Rd	Hills Rd	6"	Operates fine		
97	6692 Hills Rd	Hills Rd		OFF		
98	5038 Holly Avenue	Holly Ave				2
99	5050 Holly Avenue	Holly Ave				2
100	5050 Holly Avenue	Holly Ave	6"	Operates fine		2
101	5050 Holly Avenue	Holly Ave	12"			2
102	5050 Holly Avenue	Holly Ave				2
103	5050 Holly Avenue	Holly Ave	12"			2
104	5121 Holly Avenue	Holly Ave	12"		Clean out box, Pumps on at Strick so we didn't operate valve	2
105	6303 Karen Place Rd	Karen Place Rd	6"	Operates fine		3
106	6193 Kirkpatrick Rd	Kirkpatrick Rd	4"	Operates fine	box is really high	2
107	5549 Kitsuksis Rd	Kitsuksis Rd	4"	Operates fine	clean out box	2
108	5598 Kitsuksis Rd	Kitsuksis Rd	4"	Operates very stiff	very stiff valve	1
109	5598 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine		2
110	5598 Kitsuksis Rd	Kitsuksis Rd				2
111	5607 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine	box/riser need to be centered on operating nut	2
112	5607 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine	box/riser need to be centered on operating nut	2
113	5607 Kitsuksis Rd	Kitsuksis Rd	4"	Operates fine	box/riser need to be centered on operating nut	2
114	5627 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine		2
115	5653 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine		2
116	5665 Kitsuksis Rd	Kitsuksis Rd	8"?	Operates fine		2
117	5699 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine		2
118	5699 Kitsuksis Rd	Kitsuksis Rd	6"	Operates fine	Raise box	2
119	5960 Kitsuksis Rd	Kitsuksis Rd				2
120	5960 Kitsuksis Rd	Kitsuksis Rd				2
121	5960 Kitsuksis Rd	Kitsuksis Rd				2
122	5960 Kitsuksis Rd	Kitsuksis Rd				2
123	5960 Kitsuksis Rd	Kitsuksis Rd				2
124	5960 Kitsuksis Rd	Kitsuksis Rd				2
125	5960 Kitsuksis Rd	Kitsuksis Rd				2
126	5960 Kitsuksis Rd	Kitsuksis Rd				2
127	5960 Kitsuksis Rd	Kitsuksis Rd				2
128	5960 Kitsuksis Rd	Kitsuksis Rd				2
129	5960 Kitsuksis Rd	Kitsuksis Rd				2
130	5960 Kitsuksis Rd	Kitsuksis Rd				2
131	5960 Kitsuksis Rd	Kitsuksis Rd				2
132	5960 Kitsuksis Rd	Kitsuksis Rd				2
133	5960 Kitsuksis Rd	Kitsuksis Rd				2
134	5960 Kitsuksis Rd	Kitsuksis Rd				2
135	5960 Kitsuksis Rd	Kitsuksis Rd				2
136	6134/6064 Lamarque Rd	Lamarque Rd	6"	Operates fine	box is full of water	
137	6134/6064 Lamarque Rd	Lamarque Rd	4"	Operates fine	clean out box	2
138	6420 Lamarque Rd	Lamarque Rd			CANT OPERATE, box is full of dirt	
139	6480 Lamarque Rd	Lamarque Rd	6"	Operates fine	Remove short metal stake in ground	
140	6593 Lamarque Rd	Lamarque Rd	4"	Operates Ok		2
141	6593 Lamarque Rd	Lamarque Rd	4"	Operates fine	Get measurement off of Standpipe on Lamarque?	2
142	6740 Lamarque Rd	Lamarque Rd	6"	Operates fine	raise box	
143	6780 Lamarque Rd	Lamarque Rd	6"	Operates fine		
144	6780 Lamarque Rd	Lamarque Rd	6"	Operates fine		
145	6184 Lugrin Rd	Lugrin Rd	2"	Operates fine		2
146	6294 Lugrin Rd	Lugrin Rd	6"	Operates fine		2
147	6294 Lugrin Rd	Lugrin Rd	6"	Operates fine		2
148	6294 Lugrin Rd	Lugrin Rd	4"	Operates fine		2
149	5500 Maple Rd	Maple Rd	6"	Operates fine		3
150	5400 McEachren Rd	McEachren Rd	6"	Operates fine		3
151	7120 McKenzie Rd	McKenzie Rd	8"	Operates fine	valve box needs to be cleaned out	2
152	7120 McKenzie Rd	McKenzie Rd	8"	Operates fine	box has water in it	2
153	7120 McKenzie Rd	McKenzie Rd	8"	Operates stiff the whole way	box needs to be cleaned out	1
154	7350 McKenzie Rd	McKenzie Rd	6"	Operates stiff	valve box needs to be cleaned out	1
155	7350 McKenzie Rd	McKenzie Rd	6"	Operates ok	valve box needs to be cleaned out	2
156	7582 McKenzie Rd	McKenzie Rd	6"	Operates fine, Valve is OFF		2
157	7681 McKenzie Rd	McKenzie Rd	12"	Operates fine		2
158	5597 Mersey Rd	Mersey Rd	12"	Operates Ok		3
159	5694 Mersey Rd	Mersey Rd	6"	Operates Ok		3
160	5722 Mersey Rd	Mersey Rd	6"	Operates Ok	riser and valve box need adjustment, lid doesn't fit properly	3
161	5700 Pierce Rd	Pierce Rd	4"	Operates fine		2
162	7380 Plymouth Rd	Plymouth Rd	12"	Operates fine		3
163	Plymouth Rd	Plymouth Rd				3
164	Plymouth Rd	Plymouth Rd	12"	Operates fine		3
165	5628 Poplar Street	Poplar St	6"	Operates fine		3
166	5695 Saunders Rd S	Saunders Rd	4"	Operates fine		2
167	5695 Saunders Rd S	Saunders Rd	4"	Operates fine		2
168	5695 Saunders Rd S	Saunders Rd	4"	Operates fine		2
169	5709 Saunders Rd S	Saunders Rd	6"	Operates fine		2
170	5825 Saunders Rd	Saunders Rd	6"	Operates fine		2
171	6176 Saunders Rd	Saunders Rd	6"	Operates Ok		2
172	6176 Saunders Rd	Saunders Rd	4"	Operates fine		2
173	6176 Saunders Rd	Saunders Rd	6"	Operates fine		2
174	6240 Smith Rd	Smith Rd	6"	Operates fine		2
175	6240 Smith Rd	Smith Rd	6"	Operates fine		2
176	6240 Smith Rd	Smith Rd	6"	Operates fine		2
177	6485 Smith Rd	Smith Rd	4"	Operates fine		2

1 = highest priority, 3
= lowest priority

Line Valve Inventory 2016
 (Information Provided by ACRD Staff)

Valve #	Street Address	Street Name	Size	Operational Details	Repairs Required	Replacement Priority
178	6498 Smith Rd	Smith Rd	6"	Operates fine		2
179	7702 Sportsman Rd	Sportsman Rd	12"	Operates fine		
180	7702 Sportsman Rd	Sportsman Rd	8"	Operates fine		
181	6287 Springfield Rd	Springfield Rd	6"	Operates fine		3
182	6287 Springfield Rd	Springfield Rd	6"	Operates fine		3
183	5525 Strick Rd	Strick Rd	12"		Pumps on at Strick so we didn't operate valve	3
184	5597 Strick Rd	Strick Rd			Pumps on at Strick so we didn't operate valve	3
185	5597 Strick Rd	Strick Rd			valve is OFF	3
186	5695 Strick Rd	Strick Rd	6"	Operates Ok		3
187	5695 Strick Rd	Strick Rd	6"	Operates fine		3
188	5695 Strick Rd	Strick Rd		Operates fine	Bob wrote down to recount turns, got 26.5 turns first time	3
189	5695 Strick Rd	Strick Rd	6"	Operates fine	water in box	3
190	5705 Strick Rd	Strick Rd	12"		Pumps on at Strick so we didn't operate valve	3
191	5705 Strick Rd	Strick Rd	6"	Operates fine	remeasure off of valve cluster at 5695 Strick rd	3
192	6281 Swanson Rd	Swanson Rd	4"	Operates fine		3
193	6281 Swanson Rd	Swanson Rd	4"	Operates fine		3
194	6495 Swanson Rd	Swanson Rd	6"	Operates fine		3
195	6795 Swanson Rd	Swanson Rd	6"	Operates fine		3
196	6795 Swanson Rd	Swanson Rd	6"	Operates fine		3
197	7175 Thompson Rd	Thompson Rd				1
198	5885 Tosca Rd	Tosca Rd	6"	Operates fine		
199	6594 Walker Rd	Walker Rd	4"	Operates fine	clean out box	2
200	6389 Withers Rd	Withers Rd	4"	Operates Ok	Change to Nelson box, needs paint, Valve leaks bad	1
201	6389 Withers Rd	Withers Rd	4"	Operates fine		2

1 = highest priority, 3
 = lowest priority

Air Valve Inventory 2016
(Information Provided by ACRD Staff)

Valve #	Street Address	Street	Make	Size	Work to be done	Replacement Priority
1	Mckenzie Pumphouse	McKenzie Rd	Crispin	1"		2
2	Mckenzie Pumphouse	McKenzie Rd	Crispin	1"		2
3	7380 Plymouth Road	Plymouth Rd	TC	1"	Change out AC barrel to a proper man-hole	1
4	Across from 7211 Kerry Rd	Kerry Rd	VallMatic	1"		3
5	7272 McKenzie Road	McKenzie Rd	Crispin	1"	Needs gate valve handle	1
6	6982 Beaver Creek Rd	Beaver Creek Rd	TC	1"		3
7	6365 Beaver Creek Rd	Beaver Creek Rd	Crispin	1"		3
8	6143 Beaver Creek Rd	Beaver Creek Rd		1"		3
9	7380 Beaver Creek Rd	Beaver Creek Rd		1"	Change out galvanized nipple	1
10	7656 Beaver Creek Rd	Beaver Creek Rd	APCO	1"	Change out AC barrel to proper man-hole Cleaned out barrel	3
11	7895 Beaver Creek Rd	Beaver Creek Rd		1"	Change out galvanized nipple Change out AC barrel to proper man-hole	1
12	Kerry Rd. South Donkey Trail East End of Plymouth Rd	Kerry Rd	VallMatic	2"		3
13	200' down Donkey Trail	Plymouth Rd	Changed out	1"	get new model and address	3
14	6096 Grandview Rd	Grandview Rd	changed out	1"	get new model and address	3
15	6193 Kirkpatrick rd	Kirkpatrick Rd	Crispin	1"	Change out PVC barrel to proper man-hole	2
16	End of Ranworth	Ranworth Rd	Crispin	1"	cleaned out barrel	3
17	End of Drinkwater Rd	Drinkwater Rd	Crispin	1"		3
18	6275-6233 Georgia Rd	Georgia Rd	Crispin	1"	Change out PVC barrel to proper man-hole	2
19	5624 Beaver Creek Rd	Beaver Creek Rd	Crispin	1"		3
20	5621 Gordon Ave.	Gordon Ave	TC	1"	Change out AC barrel to proper man-hole	1
21	5990 Mersy Rd	Mersey Rd	A.R.I	1"	Replace both gate valve handles	1
22	Bush/Tomswood Rds	Bush Rd	Crispin	1"	Replace gate valve handle Change out PVC barrel to proper man-hole Change out possible Galvanized nipple	1
23	End Holly Avenue	Holly Ave	Crispin	1"	Change out possible Galvanized nipple	2
24	5185 Darnley Rd	Darnley Rd	Crispin	1"		3
25	Poplar Rd	Poplar Rd	Crispin	1"	Change out PVC barrel to proper man-hole	3
26	5600 Willow Street	Willow St	TC	1"	Change out PVC barrel to proper man-hole	3
27	4335 Compton Rd	Compton Rd	TC	1"	Change out PVC barrel to proper man-hole	3
28	Mckenzie Pumphouse	McKenzie Rd	A.R.I	1"		2
29	7675 Sportsman rd	Sportsman Rd	A.R.I	1"		3
30	Twisden Rd	Twisden Rd	APCO	1"		3
31	Chase Winery	Chase Rd	A.R.I	1"	2015 brand new	3
32	6982 BC Rd	Beaver Creek Rd	A.R.I	1"	8" pvc riser for valve inside manhole, remove.	3
33	Strick/Gordon Rd	Strick Rd	APCO	1"	water in the manhole, main is in the bottom	3
34	Valve on Chase Rd @ Lot 4	Chase Rd	Crispin	1"	2015 brand new	3

1 = highest priority,
3 = lowest priority

Hydrant Inventory 2016
(Information Provided by ACRD Staff)

Number	Location	Street	Manufacturer	Model No.	Pumper Outlet	Replacement Priority
1	5562 Arvay rd	Arvay Rd	Terminal City	TC #2	No	1
2	5425 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
3	Across from Gill School	Beaver Creek Rd	AVK	AVK-P 27-80	Yes	
4	5577 BC rd (The Island)	Beaver Creek Rd	Terminal City	TC 20P	Yes	
5	5691 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
6	5755 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
7	5915 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
8	6005 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
9	6143 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
10	BC road/Fayette rd	Beaver Creek Rd	Terminal City	TC 20	No	1
11	6401 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
12	6497 BC rd	Beaver Creek Rd	Terminal City	TC C71P	Yes	
13	6561 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
14	6655 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
15	6715 BC rd/Smith rd	Beaver Creek Rd	AVK	AVK-P 27-80	Yes	
16	6815 BC rd/Twisden rd	Beaver Creek Rd	Terminal City	TC 20	No	1
17	7059 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
18	7292 BC rd/Dashwood rd	Beaver Creek Rd	Terminal City	TC 20	No	1
19	7390 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
20	7490 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
21	7550 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
22	7611 BC rd	Beaver Creek Rd	Terminal City	TC C71P	Yes	
23	7620 BC rd/Bainbridge rd	Beaver Creek Rd	Terminal City	TC C71P	Yes	
24	7827 BC rd	Beaver Creek Rd	Terminal City	TC 20P	Yes	
25	7895 BC rd	Beaver Creek Rd	Terminal City	TC 20P	Yes	
26	7975 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
27	6901 BC rd	Beaver Creek Rd	Terminal City	TC 20	No	1
28	6038 BC road (Firehall/Shop)	Beaver Creek Rd	Terminal City	TC 20P	Yes	
94	6197 BC rd/Wadena rd	Beaver Creek Rd	Terminal City	TC 20	No	1
105	7830 BC rd (Kaackamiin Building)	Beaver Creek Rd	Terminal City	TC C71P	Yes	
34	7791 Cameron rd	Cameron Rd	Terminal City	TC 20P	Yes	2
31	5667 Chapman rd	Chapman Rd	Terminal City	TC 20	No	1
79	Chase Rd middle	Chase Rd	Terminal City	C71	Yes	
80	Chase Rd End	Chase Rd	Terminal City	C71	Yes	
32	Corner of Maple St and Compton rd	Compton Rd	Mueller	Mueller 175WP	No	1
33	5400 Compton rd	Compton Rd	Mueller	Mueller 175WP	No	1
35	Hydrant @ Darnley Pumphouse	Darnley Rd	Mueller	Mueller 175WP	No	1
38	Corner of Darnley and Highland rd	Darnley Rd	Mueller	Mueller 175WP	No	1
36	4721 Dayton rd	Dayton Rd	Terminal City	TC 20	No	1
107	End of Donahue rd	Donahue Rd	Terminal City	TC C71P	Yes	2
37	6143 Drinkwater rd	Drinkwater Rd	Terminal City	TC 20	No	1
99	Corner of Weismiller rd & Falls street	Falls St	Terminal City	TC 20	No	1
39	6435 Fayette	Fayette Rd	Terminal City	TC 20P	Yes	2
40	6579 Fayette	Fayette Rd	Terminal City	TC 20	No	1
41	6125 Georgia rd	Georgia Rd	Terminal City	TC 20	No	1
109	End of Georgia	Georgia Rd	Terminal City	TC C71LP	Yes	2
29	6096 Grandview Rd/George Rd	Grandview Rd	Terminal City	C71	Yes	
43	5684 Grandview rd	Grandview Rd	Terminal City	TC 20	No	1
44	5884 Grandview rd	Grandview Rd	Terminal City	c71	Yes	
45	6008 Grandview rd	Grandview Rd	Terminal City	TC C71P	Yes	
46	5670 Grandview rd	Grandview Rd	Mueller	Mueller 175WP	No	1
47	5654 Grandview rd	Grandview Rd	Terminal City	TC C71P	Yes	
48	Beside city hydrant on Grandview rd	Grandview Rd	Terminal City	TC C71P	Yes	
49	6695 Grigg rd	Grigg Rd	Mueller	Mueller 175WP	No	1
50	Across from 5323 Highland rd	Highland Rd	Terminal City	TC C71P	Yes	3
51	5400 Highland rd	Highland Rd	Terminal City	TC C71P	Yes	3
52	5505 Highland rd (end of highland rd)	Highland Rd	Terminal City	TC C71P	Yes	3
53	6572 Hills rd	Hills Rd	Terminal City	TC 20	No	1
54	6692 Hills rd	Hills Rd	Terminal City	TC C71P	Yes	
55	6175 Karen Place	Karen Place	Mueller	Mueller 175WP	No	1
56	6325 Karen Place	Karen Place	Terminal City	TC C71P	Yes	
57	6295 Karen Place	Karen Place	Terminal City	TC C71P	Yes	
58	7300 Kerry rd	Kerry Rd	Mueller	Mueller 175WP	No	1
59	5598 Kitsuksis rd	Kitsuksis Rd	Terminal City	TC C71P	Yes	2
60	5693 Kitsuksis rd	Kitsuksis Rd	Terminal City	TC 20	No	1
61	6260 Lamarque rd	Lamarque Rd	Terminal City	TC 20	No	1
62	6400 Lamarque rd	Lamarque Rd	Terminal City	TC 20	No	1
63	6480 Lamarque rd/Kellow rd	Lamarque Rd	Terminal City	TC 20	No	1
64	Corner of Lamarque rd & Smith rd	Lamarque Rd	AVK	AVK-P 27-80	Yes	
65	6010 Lugin rd	Lugin Rd	Terminal City	TC 20	No	1
66	6154 Lugin rd	Lugin Rd	Terminal City	TC 20	No	1
67	6294 Lugin rd	Lugin Rd	Terminal City	TC 20	No	1

1 = highest priority,
3 = lowest priority

Hydrant Inventory 2016
(Information Provided by ACRD Staff)

Number	Location	Street	Manufacturer	Model No.	Pumper Outlet	Replacement Priority
68	6030 Malabar rd	Malabar Rd	Terminal City	TC 20	No	1
69	6140 Malabar rd	Malabar Rd	Terminal City	TC 20	No	1
74	7291 Mckenzie rd	McKenzie Rd	Terminal City	TC 20	No	1
75	7475 Mckenzie rd	McKenzie Rd	Terminal City	TC 20	No	1
76	7120 Mckenzie rd/BC rd	McKenzie Rd	Terminal City	TC 20	No	1
77	End of Mckenzie near Rages farm	McKenzie Rd	Mueller	Mueller 175WP	No	1
70	5722 Mersey rd	Mersey Rd	AVK	AVK-P 27-80	Yes	3
71	5890 Mersey rd	Mersey Rd	AVK	AVK-P 27-80	Yes	3
72	5980 Mersey rd	Mersey Rd	AVK	AVK-P 27-80	Yes	3
73	5646 Mersey rd	Mersey Rd	Terminal City	TC 20	No	1
78	5694 Mersey rd/Gordon rd	Mersey Rd	Mueller	Mueller 175WP	No	1
81	7380 Plymouth rd	Plymouth Rd	Mueller	Mueller 175WP	No	1
82	7300 Plymouth rd	Plymouth Rd	Terminal City	TC 20	No	1
83	End of Ranworth rd	Ranworth Rd	Terminal City	TC C71LP	Yes	1
84	5709 Saunders rd/Lugrin rd	Saunders Rd	Mueller	Mueller 175WP	No	1
85	5993 Saunders rd	Saunders Rd	Terminal City	TC 20	No	1
89	6512 Smith rd	Smith Rd	Terminal City	TC 20	No	1
90	6342 Smith rd	Smith Rd	Terminal City	TC 20	No	1
86	6360 Springfield rd	Springfield Rd	Mueller	Mueller 175WP	No	1
87	End of Springfield rd	Springfield Rd	Mueller	Mueller 175WP	No	1
42	Corner of Gordon rd and Strick rd	Strick Rd	Terminal City	TC 20	No	1
91	5611 Strick rd	Strick Rd	Terminal City	TC C71P	Yes	3
108	5525 Strick rd	Strick Rd	Terminal City	TC C71P	Yes	3
88	6795 Swanson rd	Swanson Rd	Mueller	Mueller 175WP	No	1
92	7175 Thompson rd	Thompson Rd	Terminal City	TC 20	No	1
93	5659 Tomswood rd	Tomswood Rd	Terminal City	TC 20	No	1
106	@ end of Twisden rd	Twisden Rd	AVK	AVK-P 27-80	Yes	3
98	5887 Wadena rd/Saunders N rd	Wadena Rd	Terminal City	TC 20	No	1
95	6290 Walker rd	Walker Rd	Terminal City	TC 20	No	1
96	6426 Walker rd	Walker Rd	Terminal City	TC 20	No	1
97	6594 Walker rd	Walker Rd	Terminal City	TC 20	No	1
100	5415 Willow rd	Willow Rd	Mueller	Mueller 175WP	No	1
101	5595 Willow rd	Willow Rd	Mueller	Mueller 175WP	No	1
102	5670 Willow rd	Willow Rd	Mueller	Mueller 175WP	No	1
103	6070 Withers rd	Withers Rd	Terminal City	TC 20	No	1
104	6110 Withers rd/Karen Place	Withers Rd	Terminal City	TC 20	No	1

1 = highest priority,
3 = lowest priority

Flushout Inventory 2016
(Information Provided by ACRD Staff)

Number	Location	Street
2	Cameron Rd.	Cameron Rd
4	Krause's Grandville Rd.	Granville rd
5	End of Thompson	Thompson Rd
6	Traves Rd.	Traves Rd
9	Kirkpatrick Rd. East	Kirkpatrick Rd
10	Georgia Rd.	Georgia Rd
12	George Rd.	George Rd
13	Popular Rd. South	Poplar Rd
14	Short St.	Short St
16	Arvay Rd.	Arvay rd
18	Mersey Rd. South	Mersey Rd
19	7995 Beaver Creek Rd.	Beaver Creek Rd
20	Kerry Rd. South	Kerry Rd
22	7611 Beaver Creek Rd.	Beaver Creek Rd
23	6000 Kitsusksis	Kitsuksis Rd
24	Dashwood Rd.	Dashwood Rd
25	Wardrop Rd.	Wardrop Rd
26	Lothian Rd South	Lothian Rd
27	Bigwood Rd.	Bigwood Rd
29	W. end of Compton	Compton Rd
30	Strick Rd	Strick Rd
31	Dayton Rd.	Dayton Rd
32	McEachren Rd.	McEachren Rd
33	Swanson Rd.	Swanson Rd
34	Plested Rd.	Plested Rd
35	Tosca Rd.	Tosca Rd
36	Kirkpatrick Rd. West	Kirkpatrick Rd
37	Gordon Ave	Gordon Ave
38	Popular Rd. North	Poplar Rd
39	Willow Rd.	Willow Rd
40	Withers Rd.	Withers Rd
41	Horn Park	?
42	Fern Rd.	Fern Rd
43	Bush Rd.	Bush Rd
44	Dorian Rd.	Dorian Rd
45	Weismiller Rd.	Weismiller Rd
46	Stevens Lane	Stevens Lane
47	Saunders Rd. South	Saunders Rd
48	Twisden	Twisden Rd
49	Maple	Maple Rd
50	Dobie Rd	Dobie Rd

Appendix B

Infrastructure Renewal Plan

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
Beaver Creek Road	See Capital Plan	600	100	AC	1969	70	22		\$ -	\$ -	\$ -	\$ -
		790	200	PVC	2015	100	98	\$290	\$ 229,100	\$ 985,592	\$ -	\$572
		1440	200	AC	1966	70	19	\$290	\$ 417,600	\$ 554,135	\$ -	\$17,131
		4800	200	AC	1959	70	12	\$290	\$ 1,392,000	\$ 1,664,300	\$ -	\$100,194
		871	150	AC	1960	70	13	\$270	\$ 235,170	\$ 285,391	\$ -	\$15,398
		130	200	AC	1960	70	13	\$290	\$ 37,700	\$ 45,751	\$ -	\$2,468
	Valves	54			1970	70	23	\$1,200	\$ 64,800	\$ 91,263	\$ -	\$2,071
	Fire Hydrants	32			1970	60	13	\$6,000	\$ 192,000	\$ 233,002	\$ -	\$12,571
	Blow-offs	6			1970	60	13	\$2,500	\$ 15,000	\$ 18,203	\$ -	\$982
	Air Valves	8			1970	60	13	\$3,000	\$ 24,000	\$ 29,125	\$ -	\$1,571
Wardrop Road		200	100	AC	1989	70	42	\$250	\$ 50,000	\$ 93,442	\$ -	\$662
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1989	60	32	\$2,500	\$ 2,500	\$ 4,026	\$ -	\$50
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Dobie Road		150	100	PVC	2016	100	99	\$250	\$ 37,500	\$ 163,746	\$ -	\$91
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			2016	60	59	\$2,500	\$ 2,500	\$ 6,018	\$ -	\$18
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Cameron Road	See Capital Plan	285	100	AC	1968	70	21		\$ -	\$ -	\$ -	
		285	100	AC	1968	70	21	\$250	\$ 71,250	\$ 97,403	\$ -	\$2,568
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1968	60	11	\$6,000	\$ 6,000	\$ 7,068	\$ -	\$478
	Blow-offs	1			1968	60	11	\$2,500	\$ 2,500	\$ 2,945	\$ -	\$199
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Dashwood Road		140	150	AC	1966	70	19	\$270	\$ 37,800	\$ 50,159	\$ -	\$1,551
	Valves	1			1966	70	19	\$1,200	\$ 1,200	\$ 1,592	\$ -	\$49
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1966	60	9	\$2,500	\$ 2,500	\$ 2,858	\$ -	\$251
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Thompson Road		580	150	AC	1960	70	13	\$270	\$ 156,600	\$ 190,042	\$ -	\$10,253
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
McKenzie Road		1595	200	AC	1959	70	12	\$290	\$ 462,550	\$ 553,033	\$ -	\$33,294
	Valves	9			1959	70	12	\$1,200	\$ 10,800	\$ 12,913	\$ -	\$777
	Fire Hydrants	4			1959	60	2	\$6,000	\$ 24,000	\$ 24,725	\$ -	\$12,003
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	5			1959	60	2	\$3,000	\$ 15,000	\$ 15,453	\$ -	\$7,502
Kerry Road		380	150	PVC	1999	100	82	\$270	\$ 102,600	\$ 347,827	\$ -	\$387
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1999	60	42	\$6,000	\$ 6,000	\$ 11,213	\$ -	\$79
	Blow-offs	1			1999	60	42	\$2,500	\$ 2,500	\$ 4,672	\$ -	\$33
	Air Valves	2			1999	60	42	\$3,000	\$ 6,000	\$ 11,213	\$ -	\$79
Plymouth Road		2030	300	PVC	1985	100	68	\$360	\$ 730,800	\$ 2,011,358	\$ -	\$4,082
		400	150	PVC	1999	100	82	\$270	\$ 108,000	\$ 366,133	\$ -	\$407
	Valves	3			1985	90	58	\$1,200	\$ 3,600	\$ 8,538	\$ -	\$27
	Fire Hydrants	2			1985	60	28	\$6,000	\$ 12,000	\$ 18,207	\$ -	\$293
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	2			1985	60	28	\$3,000	\$ 6,000	\$ 9,103	\$ -	\$146
Twisden Road		255	150	PVC	2009	100	92	\$270	\$ 68,850	\$ 270,882	\$ -	\$200
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			2009	60	52	\$6,000	\$ 6,000	\$ 13,013	\$ -	\$55
	Blow-offs	1			2009	60	52	\$2,500	\$ 2,500	\$ 5,422	\$ -	\$23
	Air Valves	1			2009	60	52	\$3,000	\$ 3,000	\$ 6,507	\$ -	\$28
Smith Road		555	150	AC	1966	70	19	\$270	\$ 149,850	\$ 198,844	\$ -	\$6,147

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
	see capital plan	675	100	AC	1966	70	19		\$ -	\$ -	\$ -	
	Valves	5			1966	70	19	\$1,200	\$ 6,000	\$ 7,962	\$ -	\$246
	Fire Hydrants	2			1966	60	9	\$6,000	\$ 12,000	\$ 13,721	\$ -	\$1,203
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Lothian Road		330	150	PVC	1992	100	75	\$270	\$ 89,100	\$ 272,164	\$ -	\$407
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1992	60	35	\$2,500	\$ 2,500	\$ 4,210	\$ -	\$44
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Springfield Road		690	150	PVC	1992	100	75	\$270	\$ 186,300	\$ 569,070	\$ -	\$851
	Valves	2			1992	90	65	\$1,200	\$ 2,400	\$ 6,317	\$ -	\$15
	Fire Hydrants	2			1992	60	35	\$6,000	\$ 12,000	\$ 20,207	\$ -	\$211
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Lamarque Road		720	150	PVC	1992	100	75	\$270	\$ 194,400	\$ 593,813	\$ -	\$888
		125	150	AC	1960	70	13	\$270	\$ 33,750	\$ 40,957	\$ -	\$2,210
	See capital Plan	815	100	AC	1960	60	3		\$ -	\$ -	\$ -	
	Valves	9			1960	90	33	\$1,200	\$ 10,800	\$ 17,652	\$ -	\$208
	Fire Hydrants	4			1960	60	3	\$6,000	\$ 24,000	\$ 25,096	\$ -	\$7,885
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Plested Road		210	100	AC	1960	70	13	\$250	\$ 52,500	\$ 63,712	\$ -	\$3,437
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
East Swanson Road		310	150	PVC	1993	100	76	\$270	\$ 83,700	\$ 259,504	\$ -	\$372
West Swanson Road		320	150	PVC	1993	100	76	\$270	\$ 86,400	\$ 267,875	\$ -	\$384
		190	150	PVC	2003	100	86	\$270	\$ 51,300	\$ 184,585	\$ -	\$174
	Valves	5			1993	90	66	\$1,200	\$ 6,000	\$ 16,029	\$ -	\$36
	Fire Hydrants	1			1993	60	36	\$6,000	\$ 6,000	\$ 10,255	\$ -	\$101
	Blow-offs	1			1993	60	36	\$2,500	\$ 2,500	\$ 4,273	\$ -	\$42
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Ranworth Road		225	150	PVC	1993	100	76	\$270	\$ 60,750	\$ 188,350	\$ -	\$270
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1993	60	36	\$6,000	\$ 6,000	\$ 10,255	\$ -	\$101
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			1993	60	36	\$3,000	\$ 3,000	\$ 5,127	\$ -	\$51
Grigg Road		220	150	PVC	1993	100	76	\$270	\$ 59,400	\$ 184,164	\$ -	\$264
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1993	60	36	\$6,000	\$ 6,000	\$ 10,255	\$ -	\$101
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Hills Road	See Capital Plan	220	100	AC	1966	70	19		\$ -	\$ -	\$ -	
		100	150	PVC	2014	100	97	\$270	\$ 27,000	\$ 114,438	\$ -	\$69
		130	150	PVC	2006	100	89	\$270	\$ 35,100	\$ 132,064	\$ -	\$110
	Valves	6			1966	90	39	\$1,200	\$ 7,200	\$ 12,868	\$ -	\$107
	Fire Hydrants	2			1966	60	9	\$6,000	\$ 12,000	\$ 13,721	\$ -	\$1,203
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Karen Road		365	150	PVC	2006	100	89	\$270	\$ 98,550	\$ 370,795	\$ -	\$309
	See Capital Plan	700	100	AC	1974	70	27		\$ -	\$ -	\$ -	
	Valves	1			1974	90	47	\$1,200	\$ 1,200	\$ 2,416	\$ -	\$13
	Fire Hydrants	3			1974	60	17	\$6,000	\$ 18,000	\$ 23,184	\$ -	\$850
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Withers Road		300	150	AC	1960	70	13	\$270	\$ 81,000	\$ 98,298	\$ -	\$5,303
	See Capital Plan	175	100	AC	1960	70	13		\$ -	\$ -	\$ -	

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
	Valves	2			1960	70	13	\$1,200	\$ 2,400	\$ 2,913	\$ -	\$157
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Traves Road		235	100	AC	1960	70	13	\$250	\$ 58,750	\$ 71,296	\$ -	\$3,847
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Donahue Road		295	100	AC	1960	70	13	\$250	\$ 73,750	\$ 89,499	\$ -	\$4,829
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Fayette Road	See Capital Plan	795	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	Valves	2			1960	70	13	\$1,200	\$ 2,400	\$ 2,913	\$ -	\$157
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Dorian Road		75	150	AC	1966	70	19	\$270	\$ 20,250	\$ 26,871	\$ -	\$831
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1966	60	9	\$2,500	\$ 2,500	\$ 2,858	\$ -	\$251
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Weismiller Road		145	150	AC	1966	70	19	\$270	\$ 39,150	\$ 51,950	\$ -	\$1,606
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1966	60	9	\$2,500	\$ 2,500	\$ 2,858	\$ -	\$251
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Wadena Road		629	150	PVC	1979	100	62	\$270	\$ 169,830	\$ 427,473	\$ -	\$1,136
		75	150	AC	1960	70	13	\$270	\$ 20,250	\$ 24,574	\$ -	\$1,326
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1979	60	22	\$6,000	\$ 6,000	\$ 8,325	\$ -	\$203
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Kellow Road		370	100	AC	1960	70	13	\$250	\$ 92,500	\$ 112,254	\$ -	\$6,056
								\$360	\$ -	\$ -	\$ -	
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Walker Road	See Capital Plan	810	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
	Fire Hydrants	3			1960	60	3	\$6,000	\$ 18,000	\$ 18,822	\$ -	\$5,914
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Saunders Road		1020	150	AC	1960	70	13	\$270	\$ 275,400	\$ 334,212	\$ -	\$18,032
		225	100	AC	1960	70	13	\$250	\$ 56,250	\$ 68,262	\$ -	\$3,683
	Valves	9			1960	70	13	\$1,200	\$ 10,800	\$ 13,106	\$ -	\$707
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Kirkpatrick Road		200	100	AC	1960	70	13	\$250	\$ 50,000	\$ 60,678	\$ -	\$3,274
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	2			1960	60	3	\$2,500	\$ 5,000	\$ 5,228	\$ -	\$1,643
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
Falls Road	See Capital Plan	805	100	AC	1960	70	13		\$ -	\$ -	\$ -	

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
		270	100	AC	1960	70	13	\$250	\$ 67,500	\$ 81,915	\$ -	\$4,419
		125	150	PVC	1979	100	62	\$270	\$ 33,750	\$ 84,951	\$ -	\$226
	Valves	6			1960	70	13	\$1,200	\$ 7,200	\$ 8,738	\$ -	\$471
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Malabar Road		720	150	AC	1960	70	13	\$270	\$ 194,400	\$ 235,915	\$ -	\$12,728
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Lugrin Road		810	150	AC	1960	70	13	\$270	\$ 218,700	\$ 265,404	\$ -	\$14,319
	Valves	4			1960	70	13	\$1,200	\$ 4,800	\$ 5,825	\$ -	\$314
	Fire Hydrants	3			1960	60	3	\$6,000	\$ 18,000	\$ 18,822	\$ -	\$5,914
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Georgia Road	See Capital Plan	565	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
Chapman Road		472	100	AC	1960	70	13	\$250	\$ 118,000	\$ 143,199	\$ -	\$7,726
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Pierce Road		335	100	AC	1960	70	13	\$250	\$ 83,750	\$ 101,635	\$ -	\$5,483
		235	200	PVC	2016	100	99	\$290	\$ 68,150	\$ 297,580	\$ -	\$166
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
		5			2016	90	89	\$360	\$ 1,800	\$ 6,773	\$ -	\$6
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Drinkwater Road	See Capital Plan	700	100	AC	1960	70	13		\$ -	\$ -	\$ -	
		90	150	PVC	1999	100	82	\$270	\$ 24,300	\$ 82,380	\$ -	\$92
	Valves	2			1960	70	13	\$1,200	\$ 2,400	\$ 2,913	\$ -	\$157
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
Chase Road		880	150	PVC	2015	100	98	\$270	\$ -	\$ -	\$ -	
	Valves	2			2015	90	88	\$1,200	\$ 2,400	\$ 8,897	\$ -	\$8
	Fire Hydrants	2			2015	60	58	\$6,000	\$ 12,000	\$ 28,458	\$ -	\$91
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	2			2015	60	58	\$3,000	\$ 6,000	\$ 14,229	\$ -	\$46
Mersey Road		800	150	PVC	2004	100	87	\$270	\$ 216,000	\$ 788,859	\$ -	\$714
		110	150	PVC	2016	100	99	\$270	\$ 29,700	\$ 129,686	\$ -	\$72
	Valves	3			2004	90	77	\$1,200	\$ 3,600	\$ 11,329	\$ -	\$16
	Fire Hydrants	5			2004	60	47	\$6,000	\$ 30,000	\$ 60,398	\$ -	\$330
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			2004	60	47	\$3,000	\$ 3,000	\$ 6,040	\$ -	\$33
Gordon Avenue		115	100	AC	1963	70	16	\$250	\$ 28,750	\$ 36,483	\$ -	\$1,464
		915	150	AC	1963	70	16	\$270	\$ 247,050	\$ 313,503	\$ -	\$12,577
		1435	300	AC	1977	70	30	\$360	\$ 516,600	\$ 807,487	\$ -	\$11,422
	Valves	1			1977	70	30	\$1,200	\$ 1,200	\$ 1,876	\$ -	\$27
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1977	60	20	\$2,500	\$ 2,500	\$ 3,367	\$ -	\$96
	Air Valves	1			1977	60	20	\$3,000	\$ 3,000	\$ 4,041	\$ -	\$115
Holly Avenue		115	200	AC	1960	70	13	\$290	\$ 33,350	\$ 40,472	\$ -	\$2,184
	Valves	7			1960	70	13	\$1,200	\$ 8,400	\$ 10,194	\$ -	\$550

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
Grandview Road		842	150	AC	1960	70	13	\$270	\$ 227,340	\$ 275,889	\$ -	\$14,885
		385	150	PVC	1994	100	77	\$270	\$ 103,950	\$ 327,122	\$ -	\$449
		440	150	PVC	2015	100	98	\$270	\$ -	\$ -	\$ -	
	Valves	3			1960	70	13	\$1,200	\$ 3,600	\$ 4,369	\$ -	\$236
	Fire Hydrants	7			1960	60	3	\$6,000	\$ 42,000	\$ 43,918	\$ -	\$13,799
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
George Street		70	100	AC	1960	70	13	\$250	\$ 17,500	\$ 21,237	\$ -	\$1,146
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Strick Road		290	250	PVC	2014	100	97	\$360	\$ 104,400	\$ 442,493	\$ -	\$267
		400	200	PVC	2014	100	97	\$290	\$ 116,000	\$ 491,659	\$ -	\$297
	Valves	9			2014	90	87	\$1,200	\$ 10,800	\$ 39,443	\$ -	\$36
	Fire Hydrants	3			2014	60	57	\$6,000	\$ 18,000	\$ 42,057	\$ -	\$141
	Blow-offs	1			2014	60	57	\$2,500	\$ 2,500	\$ 5,841	\$ -	\$20
	Air Valves	1			2014	60	57	\$3,000	\$ 3,000	\$ 7,009	\$ -	\$23
Home Road		135	150	PVC	1997	100	80	\$270	\$ 36,450	\$ 119,945	\$ -	\$145
	Valves	1			1997	90	70	\$1,200	\$ 1,200	\$ 3,403	\$ -	\$6
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1997	60	40	\$2,500	\$ 2,500	\$ 4,535	\$ -	\$36
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Compton Road		145	100	AC	1960	70	13	\$250	\$ 36,250	\$ 43,991	\$ -	\$2,373
		435	150	PVC	1991	100	74	\$270	\$ 117,450	\$ 353,460	\$ -	\$552
	Valves	2			1991	90	64	\$1,200	\$ 2,400	\$ 6,224	\$ -	\$15
	Fire Hydrants	2			1991	60	34	\$6,000	\$ 12,000	\$ 19,908	\$ -	\$221
	Blow-offs	1			1991	60	34	\$2,500	\$ 2,500	\$ 4,147	\$ -	\$46
	Air Valves	1			1991	60	34	\$3,000	\$ 3,000	\$ 4,977	\$ -	\$55
Tomswood Road	See Capital Plan	285	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Bush Road		210	100	AC	1960	70	13	\$250	\$ 52,500	\$ 63,712	\$ -	\$3,437
	Valves	1			1960	70	13	\$1,200	\$ 1,200	\$ 1,456	\$ -	\$79
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves	1			1960	60	3	\$3,000	\$ 3,000	\$ 3,137	\$ -	\$986
Kitsuksis Road	See Capital Plan	163	150	AC	1960	70	13		\$ -	\$ -	\$ -	
		367	150	AC	1960	60	3	\$270	\$ 99,090	\$ 103,616	\$ -	\$32,556
		320	100	AC	1960	60	3	\$250	\$ 80,000	\$ 83,654	\$ -	\$26,284
	Valves	12			1960	70	13	\$1,200	\$ 14,400	\$ 17,475	\$ -	\$943
	Fire Hydrants	2			1960	60	3	\$6,000	\$ 12,000	\$ 12,548	\$ -	\$3,943
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Short Street		130	100	AC	1960	70	13	\$250	\$ 32,500	\$ 39,440	\$ -	\$2,128
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Stevens Lane		95	100	AC	1960	70	13	\$250	\$ 23,750	\$ 28,822	\$ -	\$1,555
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
Poplar Road	See Capital Plan	165	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	See Capital Plan	165	150	PVC	1994	100	77		\$ -	\$ -	\$ -	
		110	150	PVC	1994	100	77	\$270	\$ 29,700	\$ 93,463	\$ -	\$128
	Valves	1			1994	90	67	\$1,200	\$ 1,200	\$ 3,254	\$ -	\$7
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	2			1994	60	37	\$2,500	\$ 5,000	\$ 8,674	\$ -	\$81
	Air Valves	1			1994	60	37	\$3,000	\$ 3,000	\$ 5,204	\$ -	\$49
Dayton Road	See Capital Plan	95	150	PVC	1991	100	74		\$ -	\$ -	\$ -	
	See Capital Plan	215	100	AC	1960	70	13		\$ -	\$ -	\$ -	
	Valves	1			1991	90	64	\$1,200	\$ 1,200	\$ 3,112	\$ -	\$8
	Fire Hydrants	1			1960	60	3	\$6,000	\$ 6,000	\$ 6,274	\$ -	\$1,971
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
Arvay Road	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		490	150	PVC	1991	100	74	\$270	\$ 132,300	\$ 398,150	\$ -	\$622
		15	150	PVC	2016	100	99	\$270	\$ 4,050	\$ 17,685	\$ -	\$10
	Valves	2			1991	90	64	\$1,200	\$ 2,400	\$ 6,224	\$ -	\$15
	Fire Hydrants	1			1991	60	34	\$6,000	\$ 6,000	\$ 9,954	\$ -	\$110
	Blow-offs	1			2016	60	59	\$2,500	\$ 2,500	\$ 6,018	\$ -	\$18
Ires Road	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		100	150	PVC	1991	100	74	\$270	\$ 27,000	\$ 81,255	\$ -	\$127
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
Maple Road	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		200	150	PVC	1991	100	74	\$270	\$ 54,000	\$ 162,510	\$ -	\$254
	Valves	1			1991	90	64	\$1,200	\$ 1,200	\$ 3,112	\$ -	\$8
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
Bigwood Road	Blow-offs	1			1991	60	34	\$2,500	\$ 2,500	\$ 4,147	\$ -	\$46
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		95	100	PVC	1991	100	74	\$250	\$ 23,750	\$ 71,474	\$ -	\$112
	Valves							\$1,200	\$ -	\$ -	\$ -	
McEachren Road	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1991	60	34	\$2,500	\$ 2,500	\$ 4,147	\$ -	\$46
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		95	100	PVC	1991	100	74	\$250	\$ 23,750	\$ 71,474	\$ -	\$112
Willow Street	Valves	1			1991	90	64	\$1,200	\$ 1,200	\$ 3,112	\$ -	\$8
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1991	60	34	\$2,500	\$ 2,500	\$ 4,147	\$ -	\$46
	Air Valves	1			1991	60	34	\$3,000	\$ 3,000	\$ 4,977	\$ -	\$55
		635	150	PVC	1991	100	74	\$270	\$ 171,450	\$ 515,970	\$ -	\$806
Holly To Tank								\$1,200	\$ -	\$ -	\$ -	
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Darnley Road		365	300	PVC	1977	100	60	\$360	\$ 131,400	\$ 321,039	\$ -	\$935
								\$360	\$ -	\$ -	\$ -	
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
Highland Road	Air Valves							\$3,000	\$ -	\$ -	\$ -	
		640	150	PVC	1995	100	78	\$270	\$ 172,800	\$ 551,944	\$ -	\$727
								\$360	\$ -	\$ -	\$ -	
	Valves	8			1995	90	68	\$1,200	\$ 9,600	\$ 26,422	\$ -	\$54
	Fire Hydrants	2			1995	60	38	\$6,000	\$ 12,000	\$ 21,130	\$ -	\$186
Darnley Road	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves	1			1995	60	38	\$3,000	\$ 3,000	\$ 5,282	\$ -	\$47
Highland Road		625	150	PVC	2006	100	89	\$270	\$ 168,750	\$ 634,924	\$ -	\$529
	Valves	2			2006	90	79	\$1,200	\$ 2,400	\$ 7,781	\$ -	\$10

Road Name	Appurtenances	Length of Pipe (m)	Pipe Size (mm)	Pipe Material	Date Installed	Expected Service Life (years)	Remaining Life (years)	Unit rate	2017 Replacement Cost	Future Replacement Cost	Actual Reserves	Annual Contribution Required
	Fire Hydrants	3			2006	60	49	\$6,000	\$ 18,000	\$ 37,334	\$ -	\$184
	Blow-offs							\$2,500	\$ -	\$ -	\$ -	
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Fern Road		75	100	AC	1960	70	13	\$250	\$ 18,750	\$ 22,754	\$ -	\$1,228
	Valves							\$1,200	\$ -	\$ -	\$ -	
	Fire Hydrants							\$6,000	\$ -	\$ -	\$ -	
	Blow-offs	1			1960	60	3	\$2,500	\$ 2,500	\$ 2,614	\$ -	\$821
	Air Valves							\$3,000	\$ -	\$ -	\$ -	
Stamp River Intake and Pump Station		1	No Longer In Use		1959	55	-3		\$ -	\$ -		
North Reservoir		1			1996	70	49	\$250,000	\$ 250,000	\$ 518,533	\$ -	\$2,561
North Reservoir Pump Station		1			2011	30	24	\$150,000	\$ 150,000	\$ 214,425	\$ -	\$4,527
Old South Reservoir		1			1973	70	26	\$500,000	\$ 500,000	\$ 736,355	\$ -	\$13,526
New South Reservoir		1			2013	70	66	\$750,000	\$ 750,000	\$ 2,003,642	\$ -	\$4,445
Darnley Road Pump Station		1			2006	30	19	\$150,000	\$ 150,000	\$ 199,043	\$ -	\$6,154
Strick Road Pump Station		1			2014	50	47	\$650,000	\$ 650,000	\$ 1,308,631	\$ -	\$7,148
Water Meters & Service Connections		990			2014	30	27	\$500	\$ 495,000	\$ 739,926	\$ -	\$12,707
								Totals	\$ 14,203,330	\$ 28,521,642	\$ -	\$ 611,186
										Number of Serviced Parcels		990
										Annual Cost per Parcel		\$617



REQUEST FOR DECISION

To: Board of Directors

From: West Coast Committee
Andrew McGifford, CPA, CGA, Manager of Environmental Services

Meeting Date: June 14, 2017

Subject: West Coast Landfill (WCLF) – Rate changes & cardboard disposal ban

Recommendation:

THAT the Alberni-Clayoquot Regional District Board of Directors give first reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors give second reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors give third reading to Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

THAT the Alberni-Clayoquot Regional District Board of Directors adopt Bylaw No. R1028 - West Coast Landfill Tipping Fee and Regulation, 2017.

Desired Outcome:

To amend the rates at the WCLF to a level that maintains a tipping rate that is in line with the current rates charged on Vancouver Island. To also maintain a consistent tax requisition for the service area and to set up a structure that will provide room to divert organic materials if feasible and to fund the additional landfill diversion initiatives.

Summary:

The West Coast Committee meeting will occur on the morning of the Board meeting (on June 14th), if there are amendments to the draft bylaw as presented, staff will advise the board of those amendments before 1st reading.

The WCLF tipping fee has been at the rate of \$95 per tonne for residential waste since 2008 at which time the rate was \$65 per tonne prior to that increase. The ACRD's rate for disposal is one of the lowest on the island. Staff recommend increasing to \$120 per tonne. The ACRD would still have a rate lower than all regional district's besides the Capital Regional District which is at \$110 per tonne currently.

If a diversion program is put in place there needs to be improved site supervision at the tipping bins to ensure that the public is following the bylaw, and where that is not the case, there will be increased fees as listed in the West Coast Landfill Tipping Fee and Regulation Bylaw. The first step is to have an additional transfer station attendant stationed at the bins at all times. Guidance will be the first step to get the public to comply and after a period of

time the public will be charged the rates as per the bylaw.

Other classifications of waste were adjusted to bring the West Coast Landfill in line with the other regional districts and are as follows:

- Wrecked automobiles and trucks are not tipped at the WCLF and would normally go to an auto wrecker to be recycled. ACRD staff are recommending that the automobiles and trucks be removed from the fees listing and be considered metal – a prohibited waste in Schedule “C”. The recreational vehicles (RV’s) can still be tipped and an attempt to remove all metal from the RV’s be removed to the best of the user’s ability should be undertaken. A minimum charge of \$300 is suggested, as the operator must break down unit to landfill effectively.
- Surcharge for Solid waste containing Prohibited Recyclable Materials is part of the bylaw that will double the residential waste rate at \$240 per tonne. Materials mixed that are not permitted in with solid waste include

Batteries, Corrugated Cardboard, Fridges and Freezers, Metal, RecycleBC Stewardship Materials, and Tires.

- Improperly covered loads tipping fee premium has not been enforced as stated in the bylaw. ACRD staff have asked the WCLF contractor to begin enforcing this part of the bylaw. Staff are preparing cards for the public advising if not in compliance and all loads must be covered. After a period of education and awareness of the issue there will be surcharges applied on waste arriving at the landfill uncovered.
- If the public wishes to use the weigh scale at the WC Landfill, staff are suggesting that there be a charge of \$10.00 per occurrence. Other Regional District’s charge fees for this service.
- Corrugated cardboard (CC) – the rate if containing recyclable CC will be set at \$300 per tonne to keep in line with the rate the contractor charges on the West Coast to recycle the product. Volumes are unknown as this material is currently tipped in mixed solid waste. The current fee structure has permitted the commercial users that have not been recycling CC, to do so without motivation to divert. Staff and contractors will work with the landfill users over the first six months to find solution to divert this material.

Other considerations

- Asbestos was listed as a material accepted at the WCLF in the bylaw but has not been accepted and has been removed. The AVLF charges \$500 per tonne and is in line with the Regional District of Nanaimo and still provides an option to those within the ACRD to dispose of the asbestos waste.
- The removal of Drywall/Gypsum from the landfill has occurred at the AVLF and will ship to the lower mainland to be recycled. Materials that are from pre 1990 may contain asbestos and will not be accepted for recycling unless tested. The rate to process Drywall/Gypsum will be set at \$250 per tonne to cover the cost of handling and shipping to the lower mainland.

The WCLF contractor has offered a trial and this could be considered by the West Coast Committee as an initiative. The AVLF could accept the recyclable material from the WCLF at a per tonne rate and transport and handling cost would need to be subsidized or charge a higher rate to tip on the West Coast.

- Fish Farm waste – operations at the landfill are finding the waste from fish farms is difficult waste to process. First issue is the poly piping that is brought in, it does not landfill well (difficult to compact) and is light weight – which in turn equates a low tipping fee. Staff propose we charge a high rate for material or ban it and explore options for recycling. Secondly, the material tipped has large volumes of metal. Staff considers a high rate for tipping metal - \$1,000 per tonne if tipping recyclable metal to discourage this practice.

Time Requirements – Staff & Elected Officials:

Staff and Elected Official's time to prepare and approve the changes to West Coast Landfill Tipping Fee and Regulation Bylaw No. R1028, 2017. Staff will send a mail out to commercial waste haulers to advise of the tipping fee increase for the WCLF in 2017, and how these changes will be made. Advertisements on the radio and the newspaper will also occur and staff will work with the public through these changes.

Financial:

The 2017-2021 Financial Plan does not reflect an increase in the tipping fees for the 2017 year and the plan to move to \$120 is not reflected in the budgeted amounts for 2017. The estimated increase in tipping fees could be an additional \$62,500 in 2017 and \$125,000 annualized. Fees need to increase in order to cover additional costs that will be incurred by diverting materials. Each \$100,000 in cost associated with diversion and increased supervision at the landfill will require an increase of \$20 per tonne of waste to cover additional costs.

Policy or Legislation:

The Local Government Act and West Coast Landfill Tipping Fee and Regulation Bylaw, staff aim to make the changes take effect on July 1, 2017. The suggested bylaw is attached for reference.

Options Considered:

- 1) Increasing the tax requisition instead of increasing the tipping fees.
- 2) Increasing both the tax requisition and the tipping fees in smaller increments.
- 3) Make no changes, with no diversion strategy be reviewed and steps to undertake.



Submitted by:

Andrew McGifford, CPA, CGA, Manager of Environmental Services



Approved by:

Wendy Thomson, Acting Chief Administrative Officer

REGIONAL DISTRICT OF ALBERNI-CLAYOQUOT

BYLAW NO. R1028

A Bylaw to Provide for
the Regulation of Solid Waste Disposal and Tipping Fees
at the West Coast Landfill

WHEREAS by Supplementary Letters Patent, dated August 10, 1973 as amended, the Regional District of Alberni-Clayoquot was granted the function of Garbage Disposal under Division XIV of its Letters Patent;

AND WHEREAS the Regional District of Alberni-Clayoquot is empowered to establish a scale of charges payable for depositing Municipal Solid Waste at the West Coast Landfill;

AND WHEREAS the Board of Directors of the Regional District of Alberni-Clayoquot deems it advisable to enact regulations pertaining to solid waste disposal and to establish a charge for depositing Municipal Solid Waste;

NOW THEREFORE, the Board of Directors of the Regional District of Alberni-Clayoquot in open meeting assembled enacts as follows:

1. DEFINITIONS

In this bylaw, unless the context otherwise requires:

- 1.1 **“Biomedical Waste”** means solid waste such as soiled sheets, garments and other similar solid waste. Excluded is waste material from pathology, operating rooms, laboratories and other hospital operations, which produce potentially infectious waste considered to be special waste;
- 1.2 **“Controlled Waste”** means certain hazardous waste, liquid waste and Municipal Solid Waste which is approved for disposal at the West Coast Landfill site but which, because of its inherent nature and quantity, may require special handling and disposal techniques to avoid creating health hazards, nuisances, or environmental pollution. Controlled Waste includes, but is not limited to:
- a. Demolition wastes including:
 - i. roofing materials;
 - ii. Clean construction materials;
 - iii. Drywall/Gypsum board;
 - iv. Stumps, land clearing debris;
 - v. Yard and Garden Waste (branches 2” & under)
 - b. Contaminated soils:
 - i. traces of petroleum products;
 - ii. Catch basin and manhole material;
 - c. Fish shrimp shells, animal carcasses;
 - d. Steel cable;
 - e. Biomedical waste;
 - f. Loads containing fish feed totes
- 1.3 **“Corrugated Cardboard”** means recyclable waste from residential, industrial, commercial, institutional sources which includes, but is not limited to containers or materials used in

- containers consisting of 3 or more layers of Kraft paper material and having smooth exterior liners and a corrugated or rippled core, but excluding containers which are impregnated with blood, grease, oil, chemicals, food residue, was; or have polyethylene, foil or other non-paper liners; or are contaminated with a material which will render the corrugated cardboard not marketable;
- 1.4 **“Construction/Demolition Waste”** means waste produced from the construction, renovation, and demolition of buildings, bridges, wharfs, rail lines and other structures, but does not include waste containing or contaminated with asbestos, creosote, PCB treatments, paints or chemicals of any kind;
- 1.5 **“Environmental Management Act”** means the Environmental Management Act (British Columbia), as amended or replaced and any successor legislation and any regulations thereunder;
- 1.6 **“Disposal Site”** means the Alberni Valley Landfill;
- 1.7 **“Gypsum”** includes, but is not necessarily limited to new construction off-cuts or scraps and old wallboard that has been painted, covered in wallpaper, vinyl or ceramic tiles and is removed during renovation, but excluding wallboard from demolition sites or wallboard associated with asbestos;
- 1.8 **“Hazardous Waste”** means gaseous, liquid and solid waste which, because of its inherent nature and quantity, requires special disposal techniques to avoid creating health hazards, nuisances, or environmental pollution. Hazardous Wastes are toxins or poisons, corrosives, irritants, strong sensitizers, flammables, explosives, infectious waste, condemned food, etc. Flammable wastes excluding plastics, paper products and the like;
- 1.9 **“Ignitable”** means having the properties of:
- a. flammable gas,
 - b. flammable liquid, or
 - c. flammable solids, or substances susceptible to spontaneous combustion or substances that on contact with water emit flammable gases as defined in the Special Waste Regulations of the Environmental Management Act;
- 1.10 **“Metal”** means recyclable ferrous and non-ferrous metallic materials which include, but are not limited to: sheet metal, siding, roofing, rebar, flashings, pipes, window frames, doors, furnaces, duct work, wire, cable, bathtubs, fencing, bicycle frames, automotive parts, machinery, appliances, garbage cans, metal furniture, tire rims and metal cans. It does not include metal that is incorporated into a product or packaging, such as a couch, that does not compose more than 50% of produce weight and that cannot be readily separated from the non-metallic components.
- 1.11 **“Municipal Solid Waste” (MSW)** means refuse that originates from residential, commercial or institutional, demolition, land clearing or construction sources within the Regional District of Alberni-Clayoquot;
- 1.12 **“Person”** means an individual, a body corporate, a firm, a partnership, association or any other legal entity or an employee or agent thereof.

- 1.13 **“Prohibited Waste”** means a waste prohibited from disposal under Schedule ‘C’ attached to and forming part of this bylaw;
- 1.14 **“Radioactive Waste”** means waste containing a prescribed substance as defined in the Atomic Energy Control Act in sufficient quantity or concentration to require a licence for possession or use under the Act and regulations made under that Act;
- 1.15 **“Reactive Waste”** means waste which is;
- a. explosive, oxidizing, or so unstable that it readily undergoes violent change in the presence of air or water;
 - b. generates toxic gases, vapours, or fumes by itself or when mixed with water; and
 - c. polymerizes in whole or in part by chemical action and causes damage by generating heat or increasing volume; as defined in the Special Waste Regulations of the Environmental Management Act;
- 1.16 **“Refuse”** means discarded or abandoned materials, substances or objects; but does not include Controlled Waste and Prohibited Waste;
- 1.17 **“Regional Board”** means the Board of Directors of the Regional District of Alberni-Clayoquot;
- 1.18 **“Regional District”** means the Regional District of Alberni-Clayoquot;
- 1.19 **“Special Waste”** means any chemical, compound, mixture, substance or article which is defined as such in the Special Waste Regulation of the BC Environmental Management Act.
- 1.20 **“Stewardship Materials”** means any waste or recyclable materials in an approved stewardship plan as defined in the Recycling Regulation of the BC Environmental Management Act;
- 1.21 **“Tires”** means the outer pneumatic rubber covering of wheels of passenger’s vehicles, light service trucks and motorcycles with an inner diameter of less than 43 centimetres.
- 1.22 **“Waste Asbestos”** means a waste containing friable asbestos fibres or asbestos dust in a concentration greater than 1% by weight either at the time of manufacture, or as determined using a method specified in section 40 (1); of the BC Hazardous Waste Regulation;
- 1.23 **“Waste Oil”** means automotive lubricating oil, cutting oil, fuel oil, gear oil, hydraulic oil or any other refined petroleum based oil or synthetic oil where the oils are in the waste in a total concentration greater than 3% by weight and the oils through use, storage or handling have become unsuitable for their original purpose due to the presence of impurities or loss of original properties;
- 1.24 **“Yard and Garden Material”** means uncontaminated organic materials, substances or objects including, but not necessarily limited to, grass, lawn and hedge clippings, grass sod, flowers, leaves, vegetable stalks, shrubs and shrub tree branches less than 2” in diameter, but excluding Scotch Broom.

2. CONDITIONS

- 2.1 No person shall, in depositing Municipal Solid Waste (MSW) at the Disposal Site;
- a. deposit a Prohibited Waste;
 - b. deposit MSW except as directed by regulations for the use of the Disposal Site;

- c. unless permitted by the Regional District, deposit MSW without first having it weighted on the scales at the Disposal Site;
 - d. drive a vehicle anywhere on the Disposal Site except on roads provided by the Regional District for that purpose unless otherwise instructed;
 - e. act in a manner contrary to the posted site regulations.
- 2.2 Controlled Waste will not be accepted for disposal at the Disposal Site without written approval of the Regional District. This requirement may be waived, if the Regional District or its agent determines that special handling and disposal techniques are not required to dispose of the Controlled Waste. Controlled Waste for which special handling and disposal techniques are required are subject to fees as outlined in Schedule "A" attached to and forming part of this bylaw.
- 2.3 No person shall salvage or remove material deposited at the Disposal Site without prior written approval of the Regional District.
- 2.4 No person shall loiter or leave their vehicle unattended at the Disposal Site.
- 2.5 Persons entering the Disposal Site do so at their own risk. The Regional District accepts no liability whatsoever for damage and/or injury to persons or property at the Disposal Site.
- 2.6 Children under 13 and pets shall not be permitted at the Disposal Site except inside a vehicle.
- 2.7 No person shall deposit Municipal Solid Waste at the Disposal Site, which does not originate from within the Regional District. Any person doing so will be in contravention of this bylaw.

3.0 CHARGES

- 3.1 Every person depositing Municipal Solid Waste at the Disposal Site shall pay to the Regional District the applicable charges set out in Schedule "A" hereto.
- 3.2 Where a charge is not paid within the time specified in Schedule "B", attached to and forming part of this bylaw, for its payment the person liable to pay such a charge shall:
- a. In addition to such a charge pay interest thereon at a rate set out in Schedule "A" from the date the charge was due to the date of payment;
 - b. Not deposit any Municipal Solid Waste on or at the Disposal Site until such a charge and interest owing thereon has been paid in full.

4. VIOLATIONS AND PENALTIES

- 4.1 No persons shall do any act or suffer or permit any act or thing to be done in contravention of this Bylaw.
- 4.2 Every person who contravenes this bylaw, by doing any act which the bylaw forbids, or omits to do any act which the bylaw requires:
- a. is guilty of an offence and is liable, on summary conviction, to a fine of not less than TWO HUNDRED (\$200.00) DOLLARS and not more than TEN THOUSAND (\$10,000.00) dollars for a first offence and for each subsequent offence to a fine of not less than FIVE HUNDRED (\$500.00) and not more than TEN THOUSAND (\$10,000.00) DOLLARS. A separate offence shall be deemed to be committed upon each day during and in which the contravention occurs or continues;

**Schedule A
Charges**

Solid Waste, excluding Controlled Waste	Tipping Fee	Other Charges
Loads of 83 kg or greater	\$120.00 per tonne	\$10.00 minimum
Loads under 83 kg (each garbage bag or can)	\$2.00 each	\$8.00 maximum
Wrecked recreational vehicle	\$240.00 per tonne	\$300.00 minimum
Surcharge for Solid waste containing Prohibited "Recyclable Materials"	\$240.00 per tonne	
Surcharge for improperly covered or secured loads	\$240.00 per tonne	
Weighing Service		\$10.00 per occurrence

Recyclable Materials	Tipping Fee	Other Charges
Automotive Batteries – separated and placed in hazardous waste container	No Charge	
Corrugated Cardboard – <i>not accepted on site</i>	\$300 per tonne	
Fridges and Freezers	\$20 each	
Recyclable Metal – if separated into metal bin	No Charge	
Recyclable Metal – if mixed with solid waste	\$1,000 per tonne	
Stewardship Materials – <i>not accepted on site</i>	\$240.00 per tonne	
Tires	\$2.00 each or \$170 per tonne whichever is greater	

Controlled Waste	Tipping Fee	Other Charges
Construction/Demolition Waste	\$160.00 per tonne	
Stumps, land clearing debris	\$240.00 per tonne	
Yard and Garden Waste (branches 2" & under)	No charge	
Catch basin and manhole material	\$160.00 per tonne	
Fish, shrimp shells, animal carcasses provided that there will be no charge for animal carcasses removed from public roadways by a public body or their contractor	\$200.00 per tonne	\$100.00 minimum
Steel Cable	\$500.00 per tonne	
Biomedical waste	\$132.00 per tonne	
Loads containing fish feed totes	\$400.00 per tonne	\$160.00 minimum
Contaminated Soils:		
Provided that the Ministry of Environment has approved of disposal of the contaminated soil, without treatment, at the WCLF	\$50.00 per tonne	
Provided that the Ministry of Environment has approved of the treatment and disposal of the contaminated soil at the WCLF	\$100.00 per tonne	Plus estimated out-of-pocket treatment costs

Schedule B
Policies and Procedures

1. In the event that the scales provided are not operational, weight shall be estimated by the Scale Clerk employed by the Regional District of Alberni-Clayoquot.
2. All charges payable under this Bylaw shall be paid prior to the deposit of the solid waste for which the charge is made unless it is necessary to weigh the vehicle depositing solid waste loaded and empty to determine the weight of solid waste, in which case the charge shall be paid immediately after weighing the vehicle empty.
3. The person paying a charge shall obtain a receipt for such payment and shall produce such receipt for inspection on request of a person employed for that purpose at a disposal site as a condition of depositing solid waste at a disposal site.
4. Notwithstanding anything to the contrary in this Bylaw, persons depositing solid waste at a disposal site on a regular basis may apply to the Regional District for credit and if credit is granted to that person, then payment of the charge imposed under Schedule A shall be made and the credit extended on condition that:
 - a. Payment in full shall be received by the Regional District within thirty (30) days of the last day of the month for which an invoice has been submitted. The Regional District will invoice monthly for material delivered during the preceding month. The invoice amount will be based on the total quantity of the Municipal Solid Waste delivered during the month, and the posted disposal rates in effect at the time of delivery.
 - b. In order to reflect the additional administration costs associated with accounts in arrears, an overdue charge will be calculated monthly as the greater of:
 - i. \$2.00; or
 - ii. Interest of 2% per month (effective interest rate of 26.824%) on the unpaid balance.
 - c. The Regional District reserves the right to cancel the credit offered herein for late payment, non-payment or other justified cause.

Schedule C Prohibited Waste

The following gaseous liquids and municipal solid wastes are not acceptable for disposal at the Disposal Site and include, but are not limited to:

- i. Liquids, except as permitted herein;
- ii. Ignitable wastes;
- iii. Reactive wastes;
- iv. Radioactive wastes;
- v. Hazardous waste;
- vi. Special Waste, as defined in the *Special Waste Regulation* (British Columbia) except asbestos;
- vii. Medical waste
- viii. Solid Waste that is on fire or smouldering
- ix. Corrugated Cardboard
- x. Metal – including wrecked autos and trucks
- xi. Municipal Solid Waste that does not originate from within the Regional District;
- xii. Stewardship Materials
- xiii. Tires

DRAFT



REQUEST FOR DECISION

To: Board of Directors
From: Jason Kevis, By-Law Enforcement
Meeting Date: June 14, 2017
Subject: Vehicle Purchase

Recommendation:

That the Regional District Board of Directors authorize the purchase of a 2011 Dodge 4x4 (\$18,700 plus GST & PST) from Nexcar that was presented to the Regional District through an RFQ process.

Summary:

The ACRD plans to add a vehicle to the Planning department in the 2017 Capitol Plan. This vehicle will be used for trips to Bamfield and Salmon Beach by planning as well as other departments.

A Request for Quotes was sent out to seven vehicle sales departments in the Alberni Valley and one in Penticton BC with the deadline ending on June 02, 2017. We received seven quotes ranging from \$18,700 - \$35,998. The vehicles age range from 2011 – 2017. The complete list of quotes are as follows:

- | | |
|--|----------|
| 1. 2011 Dodge Ram 4x4(Nexcar) | \$18,700 |
| 2. 2012 Dodge Ram 4x4(Huber Bannister) Penticton | \$20,284 |
| 3. 2012 GMC Sierra(Pacific Chevrolet) | \$20,995 |
| 4. 2015 Ford f-150 Crew Cab(Van Isle Ford) | \$30,700 |
| 5. 2017 Ram 1500 Quad Cab 4x4(Alberni Chrysler) | \$31,109 |
| 6. 2014 Toyota Tundra 4x4(Alberni Chrysler) | \$34,387 |
| 7. 2017 GMC Sierra Dbl Cab 4x4Pacific Chevrolet) | \$35,998 |

The 2011 Dodge Pickup has 100,000 kms, 4 and 6-pin wiring with a tow package. The engine is a 4.7-liter V8 with an automatic transmission. The tires are 10 ply BF Goodrich. It has a short box, Air conditioning, power windows and locks.

Financial:

The 2011 Dodge Ram is within the \$30,000.00 budgeted for a vehicle purchase in 2017. This vehicle is cost shared between planning and general government.

Options:

The other option considered was a new vehicle. Staff have reviewed the quotes and recommend the lowest cost used vehicle. When this vehicle needs to be replaced, the ACRD can evaluate the vehicle needs of the organization. At this time, a truck provides the best options.

Submitted by: _____
Jason Kevis, Bylaw Enforcement Officer

Michael Kay
Reviewed by: _____
Mike Irg, MCIP, RPP, Manager of Planning and Development

Wendy Thomson
Approved by: _____
Wendy Thomson, Chief Administrative Officer



ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 Fifth Avenue, Port Alberni BC, CANADA V9Y 2E3 Telephone (250) 720-2700 Fax (250) 723-1327

MEMORANDUM

To: Wendy Thomson, Acting Chief Administrative Officer; and
Regional Board of Directors

From: Alex Dyer, Planner

Date: June 08, 2017

Subject: DVE17005, Parcel G, Arvay Road (STRUC Holdings Ltd.)

Recommendation

THAT the Board of Directors issue development variance permit DVE17005.

Background

On May 24, 2017 the Board reviewed an application for a development variance permit for PARCEL G (BEING A CONSOLIDATION OF LOTS 32, 33 AND 34, SEE CA5135877), BLOCK 2, DISTRICT LOT 100, ALBERNI DISTRICT, PLAN 1488 located on Arvay Road.

The variance application was to:

- i. reduce the rear yard setback from 15 feet to 5 feet and the side yard setback on the north lot line from 15 feet to 11 feet to allow for the construction of an accessory building; and
- ii. reduce the side yard setback on the south lot line from 15 feet to 9 to allow for the construction of a single family dwelling in the Rural (A2) District.

The variance that the Board considered at the May 24, 2017 meeting is an amendment to a previous variance application for the same property that received some opposition from an adjacent property owner. The initial variance application was to reduce both the rear yard setback and the side yard setback on the north lot line from 15 feet to 5 feet to allow for the construction of an accessory building. The neighbouring property owner expressed their opposition as a delegation to the Board at the May 10, 2017 meeting and the Board passed a resolution to defer a decision on the application and requested staff to work with the applicant to address the concerns.


The applicant then amended their variance application to effectively shift the entire proposed building envelope 6 feet further to the south in order to construct the house and accessory building on the property while minimizing the impact on the viewscape of the neighbouring property owner directly to the east. The Board considered the new variance application at the May 24, 2017 meeting and recommended that application proceed to the next stage of the variance process which involved notifying

DVE17005


Members: City of Port Alberni, District of Ucluelet, District of Tofino, Yuułuʔiłʔatḥ Government, Huu-ay-aht First Nations, Uchucklesaht Tribe, Toquaht Nation
Electoral Areas "A" (Bamfield), "B" (Beaufort), "C" (Long Beach), "D" (Sproat Lake), "E" (Beaver Creek) and "F" (Cherry Creek)

all neighbouring property owners and residents within 100 metres of the property, which has been completed.

Three (3) letters of opposition have been received to date (attached to this memo as Appendix 'A') and one neighbouring property owner will also be making a delegation to the Board at the June 14, 2017 meeting regarding the application. If any further responses are received prior to the June 14th Board meeting, staff will inform the Board.

Prepared by: 

Alex Dyer, Planner


Reviewed by: _____
Mike Irg MCIP RPP, Manager of Planning & Development

DVE17005

Members: City of Port Alberni, District of Ucluelet, District of Tofino, Yuułu?if?atḥ Government, Huu-ay-aht First Nations, Uchucklesaht Tribe, Toquaht Nation
Electoral Areas "A" (Bamfield), "B" (Beaufort), "C" (Long Beach), "D" (Sproat Lake), "E" (Beaver Creek) and "F" (Cherry Creek)

Alex Dyer

From: Mike Irg
Sent: June-07-17 3:03 PM
To: Alex Dyer; Charity Hallberg
Subject: FW: Application No. DVE17005 for Development Variance Permit

From: John Clarke
Sent: Wednesday, June 07, 2017 2:52 PM
To: Wendy Thomson <wthomson@acrd.bc.ca>
Cc: Mike Irg <mirg@acrd.bc.ca>
Subject: Application No. DVE17005 for Development Variance Permit

To The Regional Board: Alberni-Clayoquot Regional District

As a property owner of Lots 11, 12 & 13 of Block 2, Plan VIP1488, D.L. 100, Alberni Land District, please consider my objection to the issuance of the requested Variance Permit Application No. DVE17005 at your Regional Board Meeting on June 14th, 2017.

My wife and I feel that the home and accessory buildings proposed for Parcel G, Arvay Road, have not given consideration to the existing adjacent dwelling at 5662 Maple Street. By allowing a house and accessory building siting variation to setbacks from 3 of the possible 4 lot boundaries questions the validity of the intended bylaws and removes the predictability of the surroundings when/if we choose to build on our property.

I appreciate that there is a right for property owners to ask for a variance of zoning bylaws. However, when it appears that granting a variance to permit construction of a house and accessory building requires setbacks to the rear and both sides of the respective property without giving due consideration to an adjacent dwelling, sets a dangerous precedent to appearance and harmony of a neighbourhood.

Thank you for your consideration of our concerns.

Respectfully submitted,

John & Barbara Clarke

Alex Dyer

From: Mike Irg
Sent: June-08-17 8:09 AM
To: Alex Dyer
Subject: FW: Beaver Creek - Variance Application Concerns

From: john mcNabb [mailto:pard54@hotmail.ca]
Sent: Thursday, June 08, 2017 7:50 AM
To: Mike Irg <mirg@acrd.bc.ca>
Subject: Fwd: Beaver Creek - Variance Application Concerns

Begin forwarded message:

From: Nick Clarke
Date: June 5, 2017 at 5:15:30 PM PDT
To: "pard54@hotmail.ca" <pard54@hotmail.ca>
Cc: Kristy stolth <kristystolth@hotmail.com>, Nick Work <nick.clarke@gov.bc.ca>
Subject: **Beaver Creek - Variance Application Concerns**

Hello John,

I wanted to start by thanking you for your measured approach in respect to variance application DVE 17005, where you motioned to have the proponent work with ACRD Planning to consider alternate development approaches, based on the impact to my family residence at 5662 Maple Street, and my articulated concerns on May 10th, 2017 at the Board meeting. I also wanted to let you know that I have been engaged with the Planning staff at the ACRD and have been very pleased with their willingness to meet to discuss as well as respond in a timely manner to any inquiries.

The reason I felt it necessary to follow up with yourself, as my elected official for the Beaver Creek area, is that as I understand the structure of the ACRD, it is yourself and the other Board members that are responsible for approving policy and decisions within the ACRD, where the planning staff are responsible for applying said policy and decisions. I am following up with you as I am struggling with the structure of the policies in relation to the variance applications, and the associated process.

In particular, I am struggling with the lengths I need to go to have the building setbacks honoured, and the associated impacts this process has on our relationship with a future short term neighbor. The new variance application received Friday, has the proponent shifting his entire development package over 6 feet, with no revised rear yard variance adjustment, and requires a variance on 3 sides of his property. The proponent is unable to reduce the distance between his two buildings due to the lack of separation between rooflines. Essentially, the proponents plans due not fit the conditions he purchased his lot understanding. I understand there are scenarios where variances make sense, but, do not feel this is one of those situations. I would greatly appreciate your perspective on when the proponent should be asked to reconsider the size of his/her dwelling and/ or accessory buildings to fit within the intended footprint of the lot? I would also appreciate your perspective on under what conditions does an existing adjacent residence who abided by the setbacks, have their concerns weighted in full when the variance impact is material? Are there any policies or direction that has been approved by the Board related to these questions?

John, I truly hope I am not coming across as adversarial, that is certainly not my intention, I am simply trying to reduce the impact to our principal residence, to the one that we bought the house understanding. If you are interested and willing, I would gladly have you over to review the application at hand with both my wife and I, I am confident that this would provide valuable context to the situation. Please advise at your earliest convenience, given the timeframes at hand.

Thank you in advance for your time and consideration of the above questions.

Kind Regards

Nick Clarke

Kristy (Stolth) Clarke

(Nick Cell: 250-731-5357, Home: 778-419-2828)

4721 Dayton Road
Port Alberni, BC V9Y 8V3
778.421.2721

Alberni-Clayoquot Regional District
3008 Fifth Avenue
Port Alberni, BC V9Y 2E3

Attention: Planning and Development

To Whom It May Concern:

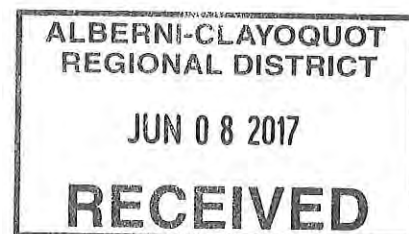
RE: Notice of Application for Development Variance Permit
Application No. E17005

Local zoning laws and set backs should be applied equally to everyone and no one individual should be granted special privilege to build on their land. To allow one individual to overbuild their land will set precedents for later home builders to do the same. Granting a zoning variance that allows overbuilding of one lot will alter the essential character of the neighbourhood which will detract from the neighbouring properties bordering on this particular lot. This will affect homeowners who have already built and designed their lots according to the original zoning laws.

Thank you for your consideration



Ron Mooney





ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 Fifth Avenue, Port Alberni BC, CANADA V9Y 2E3

Telephone (250) 720-2700 Fax (250) 723-1327

DEVELOPMENT VARIANCE PERMIT NO. DVE17005

Whereas, pursuant to Section 498 of the *Local Government Act*, a local government may by resolution, on application of a property owner, vary the provisions of a bylaw under Division 5 of Part 14 of the *Local Government Act*;

A Development Variance Permit is hereby issued to:

Name: STRUC Holdings Ltd.

Address: Parcel G, Arvay Road

With respect to:

Legal Description: PARCEL G (BEING A CONSOLIDATION OF LOTS 32, 33, AND 34, SEE CA5135877), BLOCK 2, DISTRICT LOT 100, ALBERNI DISTRICT, PLAN 1488

PID: 029-821-681

The provisions of the Regional District of Alberni-Clayoquot Zoning Bylaw No. 15 are hereby varied as follows:

- i. Section 6.5.2(c)(ii) varied to reduce the rear yard setback from 15 feet to 5 feet and the side yard setback on the north lot line from 15 feet to 11 feet in the Rural (A2) District to allow for the construction of a proposed accessory building with a building height of 17 feet; and
- ii. Section 200 – Schedule II – Bulk and Site Regulations varied to reduce the side yard setback on the south lot line from 15 feet to 9 feet in the Rural (A2) District to allow for the construction of a single family dwelling.

In accordance with the provision of Section 498 of the *Local Government Act*, approval of this permit was given by resolution of the Board of the Regional District of Alberni-Clayoquot on XXXX, 2017.

This permit was issued under the seal of the Regional District of Alberni-Clayoquot on XXXX, 2017.

Wendy Thomson, Acting CAO

Chair of the Board of Directors

DVE17005

Members: City of Port Alberni, District of Ucluelet, District of Tofino, Yuułu?if?at̓ Government, Huu-ay-aht First Nations, Uchucklesaht Tribe, Toquaht Nation
Electoral Areas "A" (Bamfield), "B" (Beaufort), "C" (Long Beach), "D" (Sproat Lake), "E" (Beaver Creek) and "F" (Cherry Creek)



ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 Fifth Avenue, Port Alberni BC, CANADA V9Y 2E3

Telephone (250) 720-2700 Fax (250) 723-1327

MEMORANDUM

To: Wendy Thomson, Acting Chief Administrative Officer; and
Regional Board of Directors

From: Charity Hallberg Dodds, Planning Assistant

Date: June 8, 2017


Subject: RF16002 – 3745 Mountain View Road (Brown)

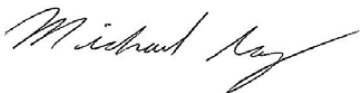
Recommendation


THAT Regional District of Alberni-Clayoquot Zoning Atlas Amendment Bylaw P1343 be adopted.

Background

Bylaw P1343 was given second and third readings on October 12, 2016. Adoption was pending a development variance permit, including a survey completed by a BC Land Surveyor, and confirmation of sewage disposal requirements.

Prepared by: 
Charity Hallberg Dodds, Planning Assistant

Reviewed by: 
Mike Irg MCIP RPP, Manager of Planning & Development


Wendy Thomson, Acting Chief Administrative Officer

RF16002

REGIONAL DISTRICT OF ALBERNI-CLAYOQUOT

BYLAW NO. P1343

OFFICIAL ZONING ATLAS AMENDMENT NO. 687

A bylaw of the Regional District of Alberni-Clayoquot to amend Bylaw No. 15, being the “Regional District of Alberni-Clayoquot Zoning By-law No. 15, 1971”.

WHEREAS the *Local Government Act* authorizes the Regional Board to amend a zoning bylaw after a public hearing and upon the affirmative vote of the directors in accordance with Sections 464, 465, 470, and 479 of the *Local Government Act*;

AND WHEREAS an application has been made to rezone a property;

AND WHEREAS the Board of Directors of the Regional District of Alberni-Clayoquot, in open meeting assembled, enacts the following amendment to the Official Zoning Atlas of the Regional District of Alberni-Clayoquot Zoning By-law No. 15, 1971:

1. TITLE

This bylaw may be cited as the Regional District of Alberni-Clayoquot Zoning Atlas Amendment Bylaw No. P1343.

2. Bylaw No. 15 of the Regional District of Alberni-Clayoquot is hereby amended by rezoning LOT A, DISTRICT LOT 97, ALBERNI DISTRICT, PLAN 30975 from Small Holdings (A1) District to Acreage Residential (RA3) District as shown on Schedule ‘A’ which is attached to and forms part of this bylaw.

3. This bylaw shall come into force and take effect upon the adoption thereof.

Read a first time this 25th day of May, 2016
Public Hearing held this 3rd day of October, 2016
Read a second time this 12th day of October, 2016
Read a third time this 12th day of October, 2016

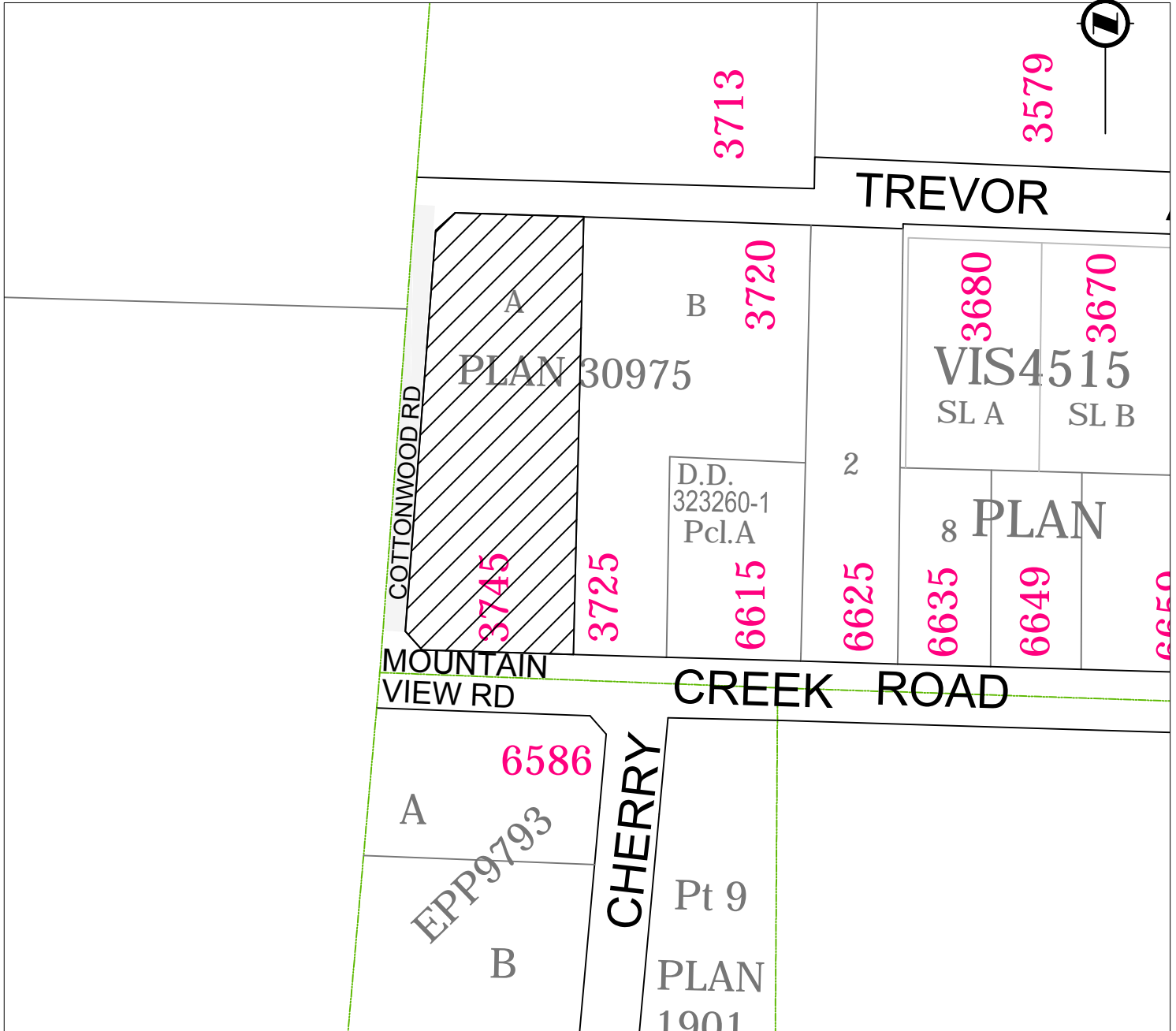
Adopted this day of, 2017

Russell Dyson, CAO

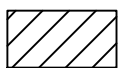
Chair of the Regional Board

Schedule 'A'

This schedule is attached to and forms part of Bylaw P1343



Legal Description: LOT A, DISTRICT LOT 97, ALBERNI DISTRICT, PLAN 30975



To be rezoned from Small Holdings (A1) District to Acreage Residential (RA3) District.



ALBERNI-CLAYOQUOT
REGIONAL DISTRICT

1:2000





ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 Fifth Avenue, Port Alberni BC, CANADA V9Y 2E3

Telephone (250) 720-2700 Fax (250) 723-1327

MEMORANDUM

To: Wendy Thomson, Acting Chief Administrative Officer; and
Regional Board of Directors

From: Charity Hallberg Dodds, Planning Assistant

Date: June 8, 2017

Subject: DVF16012 – 3745 Mountain View Road (Brown)


Recommendation


THAT the Board of Directors issue development variance permit DVF16012.

Background

On November 23, 2016 the Board reviewed an application for a development variance permit for LOT A, DISTRICT LOT 97, ALBERNI DISTRICT, PLAN 30975 located at 3745 Mountain View Road, Port Alberni.

The Board recommended consideration to issue the development variance permit. The next stage of the variance process involves notification to all neighbouring property owners and residents within 100 metres of the property. This was completed on May 31, 2017. No correspondence has been received to date. If any objections or responses are received prior to the June 14, 2017 Board meeting, staff will inform the Board.

Prepared by: 
Charity Hallberg Dodds, Planning Assistant

Reviewed by: 
Mike Irg MCIP RPP, Manager of Planning & Development


Wendy Thomson, Acting Chief Administrative Officer

DVF16012

Members: City of Port Alberni, District of Ucluelet, District of Tofino, Yuułu?if?ath Government, Huu-ay-aht First Nations, Uchucklesaht Tribe, Toquaht Nation
Electoral Areas "A" (Bamfield), "B" (Beaufort), "C" (Long Beach), "D" (Sproat Lake), "E" (Beaver Creek) and "F" (Cherry Creek)



ALBERNI-CLAYOQUOT REGIONAL DISTRICT

3008 Fifth Avenue, Port Alberni BC, CANADA V9Y 2E3

Telephone (250) 720-2700 Fax (250) 723-1327

DEVELOPMENT VARIANCE PERMIT NO. DVF16012

Whereas, pursuant to Section 498 of the *Local Government Act*, a local government may by resolution, on application of a property owner, vary the provisions of a bylaw under Division 5 of Part 14 of the *Local Government Act*;

A Development Variance Permit is hereby issued to:

Name: Steven Brown

Address: 3745 Mountain View Road, Port Alberni

With respect to:

Legal Description: LOT A, DISTRICT LOT 97, ALBERNI DISTRICT, PLAN 30975

PID: 001-192-051

The provisions of the Regional District of Alberni-Clayoquot Bylaw No. 15, Section 200 – Schedule II Bulk and Site Regulations, are hereby varied as follows:

- (i) Reduce the required front yard setback from 49.21 feet to 17.7 feet and the required side yard setbacks from 16.4 feet to 6.2 feet on the western property line and from 16.4 feet to 2.1 feet on the southwestern property line, in the Acreage Residential (RA3) District, to accommodate the existing single family dwelling.

In accordance with the provision of Section 498 of the *Local Government Act*, approval of this permit was given by resolution of the Board of the Regional District of Alberni-Clayoquot on XXX, 2017.

This permit was issued under the seal of the Regional District of Alberni-Clayoquot on XXX, 2017.

Wendy Thomson, Acting CAO

Chair of the Board of Directors

DVF16012



MEMORANDUM

To: ACRD Board of Directors

From: Wendy Thomson, Acting Chief Administrative Officer

Date: June 9, 2017

Subject: Administration Department Monthly Staff Report

In addition to daily activities, the Administration Department has been working on the following for the month of May/June 2017:

Proposed West Coast Multiplex Facility

Staff continue to work with the West Coast Multiplex Society (WCMS) and the Tla-o-qui-aht First Nation on the proposed multiplex facility on the west coast. Recreation Excellence completed the Phase 1 – The Arena Feasibility Study in 2016. The next step is to undertake the detailed design and costing for Phase 1. The ACRD has retained the services of VDA Architecture Ltd. to undertake the design services. Following completion of the design and costing, the West Coast Committee proposes to complete a public opinion survey within the communities to be served by the facility. Vancouver Island University will undertake the survey.

Currently the District of Tofino, District of Ucluelet and Area “C” Long Beach are the participating areas in the West Coast Multiplex service. The Toquaht Nation has given notice that they wish to join as a participant of the service area. The Acting CAO, Manager of Finance and representatives of the WCMS met with the Yuułuʔiłʔatḥ Executive Committee on May 18th to provide an update on the project and invite them to join the service area. The Yuułuʔiłʔatḥ Government will consider joining the West Coast Multiplex service at their next Council meeting. Staff will then prepare an amending bylaw for consideration by the Board.

A memorandum of understanding is being developed between the ACRD and the WCMS. The purpose of the MOU is to facilitate the development of a collaborative relationship between the parties with respect to acquisition of corporate sponsorship, grants, and related fundraising activities for the proposed West Coast Multiplex facility. The West Coast Committee is reviewing the draft MOU on June 14th and will make a recommendation to the ACRD Board for consideration at the end of June.

Committee for Appointment of Fire Chiefs

A Special Committee was formed by the ACRD Board with the purpose of bringing forward recommendations on appointment of fire chiefs and officers of the Regional District’s volunteer fire

departments. The first meeting of the Committee was held on March 16th. Dan Holder, Emergency/Fire Services Coordinator is working with staff and the Fire Chiefs to develop criteria, job description and a selection process for Fire Chiefs. The Committee is meeting on June 14th to review the developed drafts. Once approved by the Committee, the developed criteria, job description and fire chief selection process will be forwarded for approval by the ACRD Board of Directors.

West Coast Emergency Planning

Long Beach Emergency Plan - An emergency plan is required for area "C" (Long Beach). \$7,000.00 has been budgeted in 2017 under the West Coast Emergency Planning Service to retain a consultant to develop the Long Beach Emergency Plan. Staff are working on retaining the services of a consultant to undertake the plan in 2017.

West Coast Emergency Coordination – Local governments on the west coast and Parks Canada have identified the need to coordinate all communities in the event of a larger scale disaster. Each of the governments on the west coast, with the exception of Long Beach, have their own emergency plan. Due to the close proximity of all these areas and the long distance to outside assistance, it would be beneficial to have a coordination plan in place in order to best communicate and assist each other. Local governments, First Nations and Parks Canada met on November 28, 2016 and agreed that each government would provide \$1,000 for a total of \$9,000 in 2017 to retain a coordinator on the west coast to undertake the work. The ACRD is collecting the funds and assisting with retaining a coordinator. To date funds have been received from the District of Ucluelet, Toquaht Nation, Ahousaht Nation, District of Tofino and the ACRD. Regional District staff have been in contact the other agencies to collect the remaining funds. A meeting of the WC Emergency Services group was held on June 8th in Ucluelet to discuss next steps and explore options for retaining the services of an Emergency Coordinator on the west coast with the funds collected. Regional District staff will continue to work with the group to collect the funds and retain a coordinator.

Bylaw Revisions

Staff are working on updating various ACRD Bylaws including the following: ACRD Procedures Bylaw, Officers Appointment and Delegation Bylaw, Bamfield Parks Commission Bylaw and West Coast Emergency Planning Bylaw and West Coast Multiplex Service Area bylaw.

Proposed Transit Service Between Ucluelet, Long Beach and Tofino

The ACRD Board has approved \$5,000 in General Government Services in 2017 to undertake a market/demand analysis for a proposed transit service between Ucluelet, Long Beach and Tofino. Regional District staff are working with BC Transit and the AC Health Network to retain a contractor to undertake the work in 2017. A draft request for quotes has been drafted by staff and is being reviewed by the West Coast Committee and AC Health Network.

Grant Applications

Regional District staff are investigating funding programs and possible eligible projects through various opportunities including: C2C Forum Program, Strategic Gas Tax fund, EMBC Disaster Mitigation fund, Rural Dividend fund etc.

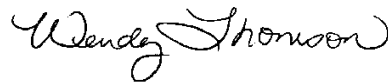
Other Projects/Issues

Bamfield Emergency First Responder Issues - Staff and D. Holder continue to work with the area Director, Huu-ay-aht First Nations, BVFD, BC Emergency Health Services and BC Ambulance service on the medical transportation issues on the West Coast.

Alberni Valley Emergency Planning Policy Group – The Policy Group met on May 25th. Staff are working with the City of Port Alberni staff and Dan Holder, Emergency/Fire Services Coordinator to develop emergency planning policies for consideration by the Committee.

ACRD Joint Occupational Health & Safety Committee – The Committee is reviewing and updating ACRD occupational health and safety policies. City of Port Alberni staff are assisting the Committee by providing professional expertise and advice.

CAO Recruitment Committee – The ACRD Board of Directors formed a Committee to facilitate the recruitment process for a new CAO. The ACRD has retained the services of Waterhouse Executive Search to assist in this process. The timeline proposed by Waterhouse Executive search is 12 weeks. The search is well underway. A Recruitment Committee meeting is being arranged for the end of June to develop a short list of candidates.



Submitted by:

_____ Wendy Thomson, Acting Chief Administrative Officer



TO: Regional Board of Directors

FROM: Mike Irg, Manager of Planning and Development

DATE: June 9, 2017

RE: **Monthly Activity Report – Planning and Development**

2016 Total	2017 Total	APPLICATION
9	6	Rezoning
30	10	Development Permit and Development Variance Permit
10	2	Subdivisions
3	0	Agricultural Land Reserve
0	0	Board of Variance
5	4	Crown Leases
23	12	Bylaw Enforcement
21	12	Miscellaneous
101	46	TOTAL APPLICATION RECEIVED

Day to day planning applications continue to be the focus of the department with 11 new applications this month.

Planning staff are finalizing the long-term ground lease for Coulson Aircrane.

The part-time Jr Planner position has been filled, Amy Anaka started on May 29th.

Preparing a grant application for the proposed Traverse trail connections to Tofino and Ucluelet.

The ACRD continues to provide building inspection for Tofino and Ucluelet. In addition, the Port Alberni building inspector position is vacant and ACRD staff are assisting while that position is filled.

Staff have applied for a permit from MOTI to clear road right of way to allow for additional summer parking in Bamfield and continue working with MOTI staff.

Working with West Coast Aquatic to identify grant opportunities specific to flood mitigation and environmental enhancement projects.

Mike Irg, MCIP, RPP
Manager of Planning and Development

**REGIONAL DISTRICT OF ALBERNI-CLAYOQUOT BUILDING INSPECTOR'S REPORT
MAY, 2017**

BUILDING TYPE	BAMFIELD		BEAUFORT		LONG BEACH		SPROAT LAKE		BEAVER CREEK		CHERRY CREEK		TOTALS	
	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE
Single Family							1	371,456					1	371,456
Mobile Homes							2	43,718					2	43,718
Multi-Family													0	0
Adds&Rens							1	27,048			1	1,925	2	28,973
Commercial													0	0
Institutional													0	0
Industrial													0	0
Miscellenaous							1	1,000					1	1,000
Totals	0	0	0	0	0	0	5	443,222	0	0	1	1,925	6	445,147

**REGIONAL DISTRICT OF ALBERNI-CLAYOQUOT BUILDING INSPECTOR'S REPORT
MAY, 2017 TO DATE**

BUILDING TYPE	BAMFIELD		BEAUFORT		LONG BEACH		SPROAT LAKE		BEAVER CREEK		CHERRY CREEK		TOTALS	
	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE	#	VALUE
Single Family	0	0	0	0	1	0	3	1,180,304	5	1,586,316	2	585,448	11	3,444,589
Mobile Homes	0	0	0	0	0	0	2	43,718	0	0	0	0	2	43,718
Multi-Family	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Adds&Rens	0	0	0	0	0	0	4	208,573	2	40,000	1	1,925	7	250,498
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Institutional	3	137,869	0	0	0	0	0	0	0	0	0	0	3	137,869
Industrial	0	0	0	0	0	0	0	0	0	0	1	8,491	1	8,491
Miscellenaous	2	2,000	0	0	1	12,228	4	103,551	3	192,113	0	0	10	309,892
Totals	5	139,869	0	0	2	104,749	13	1,536,146	10	1,818,429	4	595,864	34	4,195,057

	BAMFIELD	BEAUFORT/ BEAVER CREEK	LONG BEACH	SPROAT LAKE	CHERRY CREEK	TOTAL	YTD TOTAL
WOODSTOVE INSPECTIONS		2	1			3	15

	YEAR TO DATE		TOTAL YEAR			YEAR TO DATE		TOTAL YEAR	
2016	25	2,995,016	82	10,545,063					
2015	28	2,176,279	89	8,577,170					
2014	38	2,700,204	73	7,121,200					
2013	31	5,032,441	81	8,208,948					
2012	33	2,484,000	92	9,011,700					
2011	60	4,292,042	120	9,221,498					
2010	65	10,682,812	149	21,524,170					
2009	41	4,073,709	123	11,302,380	1999	4	544,660	80	3,348,092
2008	58	5,846,304	147	22,682,130	1998	10	352,980	75	3,320,890
2007	54	4,675,576	163	15,007,877	1997	11	301,800	104	10,025,166
2006	20	2,180,540	161	15,909,705	1996	10	681,000	128	9,050,554
2005	23	3,668,510	138	12,962,379	1995	11	1,062,000	116	9,641,300
2004	16	2,535,906	133	11,036,854	1994	20	1,151,000	151	7,915,500
2003	7	1,695,380	97	6,925,356	1993	24	1,667,000	167	10,864,000
2002	7	116,952	76	2,986,134	1992	14	614,000	173	11,192,500
2001	5	375,314	89	5,790,126	1991	7	463,520	126	7,155,120
2000	4	63,279	88	4,095,339	1990	6	1,068,800	118	6,323,900



MEMORANDUM

To: Board of Directors

From: Teri Fong, CPA, CGA, Manager of Finance

Date: June 6, 2017

Subject: Finance Department Staff Report

In addition to the day-to-day activities, the finance department has been working on the following in May 2017:

- Prepared a submission to the Strategic Priorities Fund intake through UBCM for a capacity-building project regarding Asset Management. The application involved the development of an implementation plan as well as a job description for the 2-year term position of Asset Manager that was considered by the Board during the 2017 budget discussions.
- Completion of the Climate Action Revenue Incentive Program annual reporting including climate initiatives survey and carbon tax calculation.
- Completion of the Local Government Data Entry (LGDE) forms as required by the Ministry of Community, Sport and Cultural Development.
- Asset Management – had a presentation from AssetFinda regarding software to facilitate our asset management information. Software was great but too robust and expensive for our organization. Will continue to look for other options.
- Attended the EFAP AGM. Great session that outlined resources available to staff and directors as well as an extremely interesting presentation by Gary Anaka on the human brain.
- Met with Yuulu?i?ath Government (YG) Executive to discuss the West Coast Multiplex project and the request for the Nation to participate in the service. Further information is being provided to YG before they make their decision.
- Assisted the Bamfield Volunteer Fire Department in the purchase of a used fire truck from the Cowichan Valley Regional District for West Bamfield.

Submitted by:

Teri Fong, CPA, CGA, Manager of Finance



MEMORANDUM

To: Board of Directors

From: Environmental Services Department

Meeting Date: June 9, 2017

Subject: Environmental Services Department Staff Report

In addition to day-to-day activities, the Environmental Services Department has been working on for May 2017.

Long Beach Airport

- OLS wood harvesting started with Western Forest Products
- Liaise with BC Parks regarding danger tree removal from lease area (trees removed)
- Raylec installation of additional apron edge lights on Apron III
- Tyhistanis public works yard trailer fire May 05 (first on scene). Organize / command transitional attack on trailer and involved structure fire with community members.
- Clean and rework LBGC campsites impacted (new picnic table) by WFP OLS log removal program
- Nav Canada change over review / documents from Nanaimo to Port Hardy radio
- BC Hydro lowers power pole by 2' on highway #4 to clear OLS penetration on runway 07 approach.
- VI Porsche event held at YAZ May 26-27. Safety and oversight provided.
- Telus review for Ocean Networks Canada fibre optic connection to WERA radar site.
- Worked with Parks Canada and the Tla-o-qui-aht First Nation on switching the water source from Long Beach Airport to Parks Canada – Lost Shoe Creek source.

AVRA

- Resume runway expansion construction activities at AVRA (May 01)
- Evaluate water hydraulic issues from base lift prior to paving, including a roll test.
- Discuss possible flying club opening ceremonies / fly in with AFC, Chris Duncan
- Reviewed bank and sediment stability (post winter) with Bowerman excavating
- Asphalt top lift starts May 09th, 11.5 hrs to complete the first of four pulls.
- Coordinating Coulson request for use (various)
- Initial investigation of D. Mc Bride illegal road building at Verbrugge tree farm
- Develop Pavement Load Rating sheet for AVRA with Terta Tech (pre Coulson arrival)
- Pavement top lift completed on AVRA airport May 19th
- Paint marking review and centre line correction required by contractor

- Sweeping and temporary threshold marking set up for opening of airfield
- AVRA opens for Prior Permission Required (PPR) operations. First aircraft to officially land at AVRA, Alberni Flying Club Cessna 172 C-GDNT, followed by Coulson B727 N606DH.
- PPR request by Coulson to land first 737 N608SW Contractor removal and safety inspection prior to arrival.
- PPR request by Coulson to land first 737 N617SW (fire Liner Contractor removal and safety inspection prior to arrival.
- Investigated road access into Verbrugge xmas tree permit
- Liaised with province regarding access roads & height-restricted roads in woodlot deletion area.

West Coast Landfill

- Met with Net Zero Waste engineer to review landfill site and confirm the abilities to locate organics diversion on site.
- Prepared the Strategic Priorities Grant for the WCLF.
- Public session – in Ucluelet to discuss Cardboard ban.

Alberni Valley Landfill

- Harvest & hauling operation complete, waste assessment completed, and firewood delivered to Tseshah First Nation
- Preparation for Tseshah First Nation council meeting
- Met with Net Zero Waste engineer to review landfill site and confirm the abilities to locate organics diversion on site
- Prepared the Strategic Priorities Grant for the AVLF and Bamfield Transfer Station.
- Clean wood waste and Gypsum Board diversion project progressing.
- New rate preparation for communications and public session on June 20 at the ACRD office.

Salmon Beach

- Committee meeting May 4th
- Prepared the information packages for required for the May long weekend meeting held by committee for owner feedback, includes owners listing and memos to the

Millstream Water

- Infrastructure Assessment initiated after grant application to province was not successful, McGill has commence project.

Beaver Creek Water

- Responded to 5 work orders
- Marked out 13 BC1 calls from the public/private users
- Dan Took BCWWA water treatment level 2 one week course in New Westminster
- Matt's returning employee orientation, training on flushing, meter reading and sampling procedures
- Summer grass and brush cutting started

- Annual CL2 calibrations-all sensors
- Rebuilt North Reservoir Chlorine pump
- Installed 1 new service-Sportsman Rd
- Replaced 5 air valves-Gordon Rd, Kerry Rd, Plymouth Rd, Beaver Creek Rd x2
- Evergreen Park Cleanup with excavator
- Strick Rd CL2 injector rebuilt
- Filter changes for AVRA and CSP water systems
- Leak investigation-found one private leak on Darnley
- Assisted Bamfield Water system with valve replacements on West side
- Along with daily/weekly duties

Fossli Trail

- Trail inspection as per Licence of Occupation renewal

District Lot 105

- Investigated chipping opportunities with contractor
- Assessed gate location. Requested quotes for gate.

Traverse Trail Connection Project

- Completed Grant application to connect District of Ucluelet Multi-Use Path with Traverse Trail in Pacific Rim Nation Park Reserve

General

- M. Fortune attended a one day FD Incident safety officer course in Port Alberni, May 06
- M. Fortune attends a BCAS OSH all day meeting in Nanaimo, May 18
- H. Zenner assisted preparation for community turtle talk and A. McGifford and H. Zenner attended
- H. Zenner assessed costs associated with Danger Tree Removal on trails
- Internal posting for the West Coast Assistant -

Alberni-Clayoquot Regional District
Staff Action Items to the Board of Directors as of June 8, 2017

Met iw#	Date	Action Item	Service Area	Priority/ Resources Y/N	Assigned	Target Date	Status/Recommendation
ADMINISTRATION							
1.	July 10/15	Develop: Long term plan for reconciliation	All	Y/N	Reconciliation Comm.	2017	Chair to develop a strategy with the Board. ACRD was successful with their C2C Forum funding application.
2.	May 27/15	Assessment: Tseshaht First Nation water system expansion to Bell & Stuart roads	D	Y/Y	Andrew	April 2017	Request for update sent from CAO
3.	Sept. 16/15	Continue: Meeting with Tseshaht First Nation to discuss tenure at the AV Landfill	Alberni Valley	Y/Y	Andrew/ Heather	Ongoing	Met with Tseshaht Council June 1 st
4.	Jan. 25/17	Letter: to Toquaht Nation & Yuułuʔiłʔatḥ Government inviting to participate in the West Coast Multi-Plex service	West Coast	Y/Y	Wendy	July 2017	Toquaht committed. Staff met with YG Executive. Council will consider at next meeting, then amending bylaw for consideration by ACRD Board
5.	Feb. 8/17	Work: with BC Transit on a feasibility study for a transit service between Tofino and Ucluelet	West Coast	N/N	Wendy	July	Working with BC Transit on a RFP to retain a consultant to undertake a market/demand analysis in 2017
6.	Feb. 8/17	Provide: support to the first responder transportation issues in Bamfield	A	Y/N	Wendy/ Dan	June/July	Ongoing – met BCEHS, options provided on training First Responders received & being reviewed
7.	Feb. 22/17	Invite: Island Timberlands to meet with the ACRD Board of Directors to share their draft recreation policy	AV	N/Y		March	Arranging tour in July 2017.
8.	May 24/17	Work: with the City of Port Alberni and the Cherry Creek Fire Department on a new Automatic	AV	Y/Y	Wendy/Dan	July 2017	Working with Fire Dept. on new agreement.

Alberni-Clayoquot Regional District
Staff Action Items to the Board of Directors as of June 8, 2017

Met iw#	Date	Action Item	Service Area	Priority/ Resources Y/N	Assigned	Target Date	Status/Recommendation
		Mutual Aid Agreement and bring back for consideration by the Board					
FINANCE							
9.	April 26/17	Submit: Asset Management grant application to the Gas Tax SPF Capacity Building	All		Teri	May 31/17	Gathering info and cost estimates for application. Deadline: June 1, 2017 – Submitted – Remove
10.	May 24, Board	Investigate: How other regional districts fund their invasive plant management strategy programs and provide options to the Board for consideration.	All		Teri		To be discussed at GFOA BC Conference
11.	May 24, Board	Advise: Alberni Valley Bulldogs of the approved the sponsorship proposal for the value of \$25,925.			Teri		Advised – Working with Bulldogs staff on deliverables.
12.	May 24, Board	Respond: to the MFABC Survey on Socially Responsible Investing on the Board's behalf.	All		Teri		Done - Remove
ENVIRONMENTAL SERVICES							
13.	Sept. 9/16	Refer to staff: District of Tofino correspondence re: working with Eco West on green infrastructure - Review & report back to WC Comm. & Board	West Coast	N/N	Andrew	March 2017	Included as option in WC Waste Management . Draft organics plan to be presented at WCC meeting. Done - Remove
14.	April 13/16	Work: with Huu-ay-aht First Nation/Bamfield Marine Science Centre to develop a plan to combine waste services for the Bamfield Area & arrange a Community Meeting within next 6 months	A	Y/Y	Andrew	Dec 2017	In Progress - Follow-up meeting in June 19 th in Bamfield at community affairs meeting.

Alberni-Clayoquot Regional District
Staff Action Items to the Board of Directors as of June 8, 2017

Met iw#	Date	Action Item	Service Area	Priority/ Resources Y/N	Assigned	Target Date	Status/Recommendation
15.	May 11/16	Invite: Island Health, Island Timberlands, Huu-ay-aht First Nation, Min. FLNRO to meet & discuss watershed management in the interests of water quality	A	Y/N	Andrew/ Heather	May 2017	In Progress
16.	Sept. 21/16	Prepare: Amending Bylaw & RFD to the Board to proceed with RFP's to lease a 2-acre section of land at Long Beach Airport, corner of Lysander & Airport Road	West Coast	Y/Y	Andrew/ Janice		Awaiting zoning bylaw RFD @ WC Meeting
17.	Sept. 21/16	Proceed: Steller Managements' letter of intent for the development plan for Lots C & D at Long Beach Airport	West Coast	Y/Y	Andrew		Will advertise when surveying completed for long term leases
18.	Mar. 22/17	Prepare Aircraft Operating Procedures for AVRA.			Mark/Kathy		In progress Summer/Fall completion
19.	Mar. 22/17	Investigate funding opportunities for the ACRD through the Rural Dividend Fund.			Janice	July 2017	In progress.
20.	April 5/17	Arrange a public engagement session in Ucluelet regarding the proposed cardboard disposal ban on the West Coast starting on July 1, 2017	West Coast	Y/Y	Andrew/ Kathy	May 2017	Done. Contractors will be sent information via mail out.
21.	April 26/17	Submit: Grant application to the Gas Tax SPF for the Implementation of the Consolidated Strategic Landfill Diversion Program.	All	Y/Y	Andrew		Application submitted Done - Remove
22.	May 24/17	Prepare for signatures: Bylaw R1027-1, Alberni Valley Landfill Tipping Fee and Regulation Amendment. Update website, and advertise increased tipping fee rates.	AV, Electoral Areas A, B, D, E, F		Andrew/Kathy		In progress. Public info session on June 20 th , mail out to Contractors.

Alberni-Clayoquot Regional District
Staff Action Items to the Board of Directors as of June 8, 2017

Met iw#	Date	Action Item	Service Area	Priority/ Resources Y/N	Assigned	Target Date	Status/Recommendation
23.	May 24/17	Prepare: compensation package to SD70 for the impacts of the AVRA expansion on Christmas Tree Permit C00932 and on the SD70 Project Based Learning Program. Draft: Thank you letter to SD70.			Heather		Done - Remove
PLANNING							
24.	May 13/10	Proceed: Subdivision process on the Long Beach Airport lands for the WC Multiplex Society and Long Beach Golf Course following Airport rezoning	West Coast	Y/Y	Mike	May 2017	Options to West Coast Committee in June
25.	Nov. 14/12	Staff direction: Review and make recommendations on the Bamfield Community Hall Society's request to approve & support their proposal to build a new hall	A		Mike		In progress – Waiting for direction from the Hall Committee
26.	May 27/15	Re-designate: major/minor streams within all electoral area official community plan areas	Electoral Areas	Y/Y	Mike	June 2017	Part of OCP amendments
27.	May 27/15	Proceed: Plan for a communal meeting place for Salmon Beach owners to be located on ACRD owned 10, Block 63, Section 49, Clayoquot District, Plan VIP510 as outlined in staff report dated Nov. 20/14 2014	C	Y/Y	Mike/ Luc	Spring 2017	
28.	Oct. 5/16	EA Committee directed staff: Conduct public input sessions to garner community input into options for dealing with short term vacation rentals	Electoral Areas	Y/Y	Mike		Summer 2017

Alberni-Clayoquot Regional District
Staff Action Items to the Board of Directors as of June 8, 2017

Met iw#	Date	Action Item	Service Area	Priority/ Resources Y/N	Assigned	Target Date	Status/Recommendation
29.	Oct. 12/16	Meeting: Invite wireless communication providers in the region to provide an update on plans in the region	All	Y/Y	Alex	June 2017	Rogers Representative to be a delegation at the June 28 th Board Meeting.
30.	Nov. 9/16	Sign: Climate Action Charter & include cost implications in 2017 Budget	All	Y/N	Mike	June 2017	Signed – Staff report prepared for June
31.	Feb. 22/17	Enter: into discussions with owner of DL 130 & DL 60, Lot 2 VIP64541 to provide a road access agreement to the property in exchange for a height restriction covenant to be placed on the two sections of land within the OLS of the AV Regional Airport	AV	Y/Y	Mike/Heather	April 2017	In progress
32.	April 26/17	Submit: Grant application to the Gas Tax SPF for the Pacific Traverse Trail connection to the existing District of Tofino trail and Ucluelet / Long Beach Multi-Use Path.	West Coast		Mike/Heather		In progress Deadline: June 1, 2017 Done - Remove
33.	May 10/17	Enter into: two (2) year agreement with the District of Ucluelet to provide building inspection services.	Ucluelet		Mike		Signed by ACRD and sent to District of Ucluelet. Done - Remove
34.	May 24/17	Advise: Appointees of their 2017 Advisory Planning Commission Appointments	All		Charity		Done - Remove

Electoral Areas: “A” (Bamfield), “B” (Beaufort), “C” (Long Beach), “D” (Sproat Lake), “E” (Beaver Creek), “F” (Cherry Creek)



MEMORANDUM

To: Board of Directors

From: Teri Fong, CPA, CGA, Manager of Finance

Date: June 6, 2017

Subject: Climate Action Revenue Incentive (CARIP) Public Report for 2016

The Alberni-Clayoquot Regional District (ACRD) committed to signing onto the BC Climate Action Charter on November 9, 2016. Part of the ACRD's commitment in signing the Charter is to annually prepare the Climate Action Revenue Incentive (CARIP) Public Report. Staff from the Intergovernmental Relations and Planning Branch of the Ministry of Community, Sport and Cultural Development (MCSCD) encouraged the ACRD to complete and submit the report for 2016 even though the actually signing did not take place until early 2017. It was a great learning experience for staff in determining how to identify and implement Climate Action Charter initiatives moving forward.

Attached for public presentation is the 2016 CARIP report. The report was completed with input from the Manager of Planning & Development, Manager of Environmental Services, Planner, Environmental Services Coordinator and the Accountant. Staff found this first report somewhat challenging and time consuming as the work plan for 2016 was not developed with Climate Action initiatives clearly identified. Staff plan to work together in 2017 to develop a process to identify possible Climate Action initiatives to be considered in the 2018-2022 Financial Plan.

Staff was able to complete the Carbon Tax calculation for 2016 and as a result the ACRD should receive \$1,898.36 in CARIP grant funding upon approval of our 2016 report. The area that presented the largest challenge for staff was in the calculation of greenhouse gas (GHG) emissions and in the end we were unable to report emissions for 2016. Ministry staff recommend that we purchase the SmartTool Carbon Emissions Inventory and Reporting tool in order to calculate the GHG emissions of our contractors and ourselves. It is my understanding that the Climate Action Secretariat will be replacing the SmartTool in 2017 so staff will investigate our options regarding timing moving forward.

Staff are working to understand the Climate Action Charter and how to best implement

climate change practices within the ACRD. Staff anticipates presenting the options to the Board of Directors later this year to seek input on strategic direction.



Submitted by: _____
Teri Fong, CPA, CGA, Manager of Finance



Approved by: _____
Wendy Thomson, Acting Chief Administrative Officer

Climate Action Revenue Incentive (CARIP) Public Report for 2016

Local Government: Alberni-Clayoquot Regional District

Report Submitted by:
Name: Teri Fong, CPA, CGA
Role: Manager of Finance
Email: tfong@acrd.bc.ca
Phone: 250-720-2715

Date: June 1, 2017



The Alberni-Clayoquot Regional District has completed the 2016 Climate Action Revenue Incentive Program (CARIP) Public Report as required by the Province of BC. The CARIP report summarizes actions taken in 2016 and proposed for 2017 to reduce corporate and community-wide energy consumption and greenhouse gas emissions (GHG) and reports on progress towards achieving carbon neutrality.

2016 BROAD PLANNING ACTIONS

Broad Planning Actions

Broad Planning refers to high level planning that sets the stage for GHG emissions reductions, including plans such as Official Community Plans, Integrated Community Sustainability Plans, Climate Action Plans or Community Energy Emissions Plans. Land use planning that focuses on Smart Growth principles (compact, complete, connected, centred) plays an especially important role in energy and GHG reduction.

Community-Wide Actions Taken in 2016	
	All six Electoral Area OCPs include policies that allow accessory dwelling units on lots greater than .24 ha, trails permitted in all zones, clustering of residential developments, small scale agricultural in all zones
Community-Wide Actions Proposed for 2017	
	Proposed Traverse Trail Connections from Tofino and Ucluelet
	New trail development in the Alberni Valley and Bamfield area

Corporate Actions Taken in 2016	
	The ACRD signed the climate action charter
Corporate Actions Proposed for 2017	
	Purchase the Smart Tool to begin calculating GHG emissions.

Broad Planning		
What is (are) your current GHG reduction target(s)?	To be determined in 2017	
Has your local government used the Community Energy and Emissions Inventory (CEEI) to measure progress?		No
What plans, policies or guidelines govern the implementation of climate mitigation in your community?		
• Community Energy and Emissions (CEE) Plan		No
• Climate Action Plan		No
• Integrated Community Sustainability Plan		No
• Official Community Plan (OCP)		Yes
• Regional Growth Strategy (RGS)		No
• Do not have a plan		No
• Other:		No
Does your local government have a corporate GHG reduction plan?		No
Does your local government have a climate reserve fund or something similar?		No

2016 ENERGY GENERATION ACTIONS

Energy Generation Actions

A transition to renewable or low-emission energy sources for heating, cooling and power supports large, long-term GHG emissions reductions. Renewable energy including waste heat recovery (e.g. from biogas and biomass), geo-exchange, micro hydroelectric, solar thermal and solar photovoltaic, heat pumps, tidal, wave, and wind energy can be implemented at different scales, e.g. in individual homes, or integrated across neighbourhoods through district energy or co-generation systems.

Community-Wide Actions Taken in 2016	
	The ACRD encourages and supports micro-hydro development in the area. To-date there are four micro-hydro generating stations operating in the ACRD
Community-Wide Actions Proposed for 2017	
	Continue to support micro hydro, geo thermal, wind and solar power projects, which are permitted in the ACRD Zoning Bylaw.

Corporate Actions Taken in 2016	
	Facilitate a wood stove exchange program
Corporate Actions Proposed for 2017	
	Continue to facilitate a wood stove exchange program

Energy Generation	
Is your local government developing, or constructing:	
• A district energy system	No
• A renewable energy system	No
Is your local government operating:	
• A district energy system	No
• A renewable energy system	No
Is your local government connected to a district energy system that is operated by another energy provider?	No
Are you aware of the Integrated Resource Recovery guidance page on the BC Climate Action Toolkit ?	Yes

2016 GREENSPACE/ NATURAL RESOURCE PROTECTION ACTIONS

Greenspace Actions

Greenspace/Natural Resource Protection refers to the creation of parks and greenways, boulevards, community forests, urban agriculture, riparian areas, gardens, recreation/school sites, and other green spaces, such as remediated brownfield/contaminated sites as well as the protection of wetlands, waterways and other naturally occurring features.

Community-Wide Actions Taken in 2016	
	OCP and zoning bylaw support local and urban agriculture. This is supported by the ACRD Agricultural Development Committee with a budget of \$50,000
	One hectare of parkland was created in Bamfield through parkland dedication
Community-Wide Actions Proposed for 2017	
	Continue to support local agriculture including small scale and urban agriculture. This support will be strengthened through the new ACRD zoning bylaw.

Corporate Actions Proposed for 2017	
	The Board of Directors is planning on adopting a Regional Parks and Trails plan to guide the organization moving forward.

Greenspace	
Does your local government have urban forest policies, plans or programs?	No

2016 SOLID WASTE ACTIONS

Solid Waste Actions

Reducing, reusing, recycling, recovering and managing the disposal of the residual solid waste minimizes environmental impacts and supports sustainable environmental management, greenhouse gas reductions, and improved air and water quality.

Community-Wide Actions Taken in 2016	
	Cardboard banned from ACRD Alberni Valley Landfill
	Support Back yard composting. ACRD sells composters at cost.
	ACRD operates a recycling depot
Community-Wide Actions Proposed for 2017	
	Cardboard ban at West Coast Landfill
	Developing an organics diversion program region wide
	Construction and demolition waste diversion

Corporate Actions Taken in 2016	
	Office recycling

Solid Waste	
Does your local government have construction and demolition waste reduction policies, plans or programs?	No
Does your local government have organics reduction/diversion policies, plans or programs?	No

2016 TRANSPORTATION ACTIONS

Transportation Actions

Transportation actions that increase transportation system efficiency, emphasize the movement of people and goods, and give priority to more efficient modes, e.g. walking, cycling, ridesharing, and public transit, can contribute to reductions in greenhouse gas emissions and more livable communities.

Community -Wide Actions Taken in 2016	
	Involved in and support trail connections
	All six electoral area OCP have greenhouse gas reduction policies, which require one kilometer of new trails in each electoral area annually.
Community-Wide Actions Proposed for 2017	
	Traverse trail Connections from Pacific Rim National Par Reserve to Tofino and Ucluelet
	Complete phase 3 of the Inlet Trail, which will connect the ACRD to the Cowichan Valley Regional District.
	Investigate transit service on the West Coast servicing the communities of Tofino, Ucluelet and Long Beach.

Corporate Actions Taken in 2016	
	Bike Rack installed at office

Transportation	
Does your local government have policies, plans or programs to support:	
• Walking	Yes
• Cycling	Yes
• Transit Use	Yes
• Electric Vehicle Use	No
• Other (please specify)	No
Does your local government have a transportation demand management (TDM) strategy (e.g. to reduce single-vehicle occupancy trips, increase travel options, provide incentives to encourage individuals to modify travel behavior)?	No
Does your local government have policies, plans or programs to support local food production (thus reducing transportation emissions)?	Yes

2016 WATER AND WASTEWATER ACTIONS

Managing and reducing water consumption and wastewater is an important aspect of developing a sustainable built environment that supports healthy communities, protects ecological integrity, and reduces greenhouse gas emissions.

Community-Wide Actions Taken in 2016	
	All water three ACRD community water systems are metered.
	The ACRD is leading a Alberni Valley Regional Water plan, looking at options for Beaver Creek water system, Cherry Creek Improvement District, the City of Port Alberni, Tseshaht First Nation and Hupacasath First Nations
	Electronic meter reading in Beaver Creek.
Community-Wide Actions Proposed for 2017	
	Developing a region wide water conservation plan.

Corporate Actions Proposed for 2017	
	Quantifying flushing volumes through metering
Water Conservation	
Does your local government have water conservation policies, plans or programs?	No

2016 CLIMATE CHANGE ADAPTATION ACTIONS

Climate Change Adaptation Actions

For local governments, adaptation to a changing climate can take the form of changes in policy, management, technology and behaviour that minimize negative impacts or exploit opportunities. It can involve both “hard” and “soft” solutions, including: changes in infrastructure engineering, planning, zoning, bylaws, and public education.

Climate Change Adaptation Actions Taken in 2016	
	Development permit areas – Protection from Natural hazards.
Climate Change Adaptation Actions Proposed for 2017	
	A proposed assessment of the Sproat, Stamp, Somas river systems which will include flood mitigation options and environmental impacts.

In 2016 did you consider climate change impacts in any of the following areas? (check if yes)	
Risk reduction strategies Risk and Vulnerability assessment Asset management Infrastructure upgrades (e.g. stormwater system upgrades) Cross-department working groups Emergency response planning <input checked="" type="checkbox"/> Land-use policy changes (eg. OCP, DPA) <input checked="" type="checkbox"/> Economic diversification initiatives Ecosystem-based approaches (incl. shorelines) <input checked="" type="checkbox"/> Incentives (e.g. property owner reducing stormwater run-off) Public education and awareness <input checked="" type="checkbox"/> Research (e.g. mapping, participation in studies) <input checked="" type="checkbox"/> Other (Please Identify):	

2016 CARBON NEUTRAL REPORTING

Local governments are required to report on their progress in achieving their carbon neutral goal under the Climate Action Charter. Working with B.C. local governments, the joint Provincial-UBCM Green Communities Committee (GCC) has established a common approach to determining carbon neutrality for the purposes of the Climate Action Charter, including a Carbon Neutral Framework and supporting guidance for local governments on how to become carbon neutral.

Prior to completing this survey, please ensure that you are familiar with guidance available on the B.C. Climate Action Toolkit website, especially *Becoming Carbon Neutral: A Guide for Local Governments in British Columbia*.

Reporting Emissions

Did you measure your local government's corporate GHG emissions in 2016?	No
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Air Quality Council Meeting: May 11th, 2017

Notes from the meeting held on Thursday May 11th, 2017 at 2:00 pm in the
ACRD Board Room, 3008 Fifth Avenue, Port Alberni, BC

Present:	Earle Plain (MOE) Sarah Thomas (Chair) Kathy McArthur (ACRD Environmental Services) Gary Swann (Community member) Kelly Gilday (Fire Department) Larry Cross (Catalyst Paper) Keith Wyton (ACRD) Keith Hunter (Tseshah) Patty Edwards (MLA's Office) Judy Carlson (Community at large)
Regrets:	Stephanie Bruvall (Island Health) Dave Jarrett (Community at large) Chris Alemany (City of Port Alberni) Andrew McGifford (ACRD Environmental Services)

Introductions & Check in

Approval of the agenda.

It was moved and seconded that the minutes from March 16th meeting of the Air Quality Council were accepted as distributed. Carried.

1. AQC Structure and Governance

Air Quality Management	Takes a different form in different communities. In Port Alberni a stakeholder roundtable, the Air Quality Council, is convened by a non-profit, the Alberni Air Quality Society.
What is the role of each of the different organizations?	Air Quality Council (AQC) – Stakeholder roundtable. Comes together in the spirit of collaboration to further air quality goals. Alberni Air Quality Society – organization that provides the legal framework and overarching governance for the AQC. AQC member organizations – Committed to the mission and values of the AQC; Committed to the principle of constant improvement; Report back to constituency; Provide comment on materials and projects and support where possible.

Next Steps	<p>City of Port Alberni – Active Participation in the AQC, firehall directly involved with education and outreach, meeting space, printing and promotion.</p> <p>Alberni-Clayoquot Regional District – Grant in aid which provides core funds to the Alberni Air Quality Society, active participation in the AQC, AQC website hosted on the ACRD website, meeting space.</p> <p>Action towards Strategic Plan (ie Airshed Management Plan light)</p> <ul style="list-style-type: none"> • Pull data together, identify targets and plan next steps. • Overarching framework and protocol to prevent air issues • Consider doing an Emissions Inventory • Further develop partnerships to further air quality goals <p>Action: Seek funding to make this process possible.</p>
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2. Canadian Air Quality Standards - RED

Air Quality Management System	<p>Federal program which measures different air quality metrics. Splits the country into ‘air zones’. Port Alberni is in the Georgia Straight Air Zone.</p> <p>Based on a 3 year average.</p> <p>Report to come out in June. Port Alberni Red listed this year.</p> <p>See Information Sheet in Appendix 1.</p>
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3. Updates

Wood Stove Research Project	Data at Vancouver Island University for analysis.
Wood Stove Exchange 2017	The program is ongoing. Vouchers continue to be available at the Alberni-Clayoquot Regional District.
ACRD open burning flyer	<p>The ACRD produced an open burning educational flyer. This is being mailed out in utility bills. Any further comments or suggestions for the flyer can be emailed to Kathy McArthur at kmcarthur@acrd.bc.ca.</p> <p>Action: Kathy to email the finished flyer to Keith Hunter for sharing with Tseshaht (firstnationswildcrafters@shaw.ca).</p>
Cantimber	A letter, or rather two letters, were received from PAPA in response to the correspondence sent regarding the motions passed at the March AQC meeting.

The letters were dismissive of the issues at hand. It was decided that it would be important to respond and reiterate the concerns of the AQC.

Action: Sarah to draft a letter and send it to the AQC for feedback. One week later, send letter to directors and all cc'd. A Cantimber Working Group meeting is set for May 29. More information is expected at that time.

4. Catalyst

Stack testing report

Larry Cross gave an update of 2016 stack testing results.

Requirement for Catalyst to operate an SO₂ analyzer at PA Elementary for the last 3 years. Stack testing studies associated with use of Tire Derived Fuels (TDF) show very low SO₂ values. Consequently the monitor will be removed.

Emission Permit Levels

The question was raised as to whether Catalyst or the Ministry of Environment would consider reducing Catalyst's particulate matter emissions limit for the Power Boiler given that they consistently come in well below their limit.

- It was responded that permit adjustments are generally triggered by an application by the company.
- There is no provincial policy to review permit levels.
- It was understood that Catalyst does not have an intention to amend the permit at this time.

Dioxin/Furan tests

Updated Dioxin/Furan results as well as Greenhouse Gas Emissions were also discussed.

2017 Catalyst Sustainability Report, which should be posted soon, is available at:

<http://www.catalystpaper.com/investors/sustainability-reports>

See handout in Appendix 2.

Next Meeting – September 14th, 2017, 2pm, ACRD Board Room.

Adjourn – Meeting adjourned at 4:15 pm.

Appendix 2: Catalyst Update p 1.

Catalyst Paper, Port Alberni Division

May 11, 2017

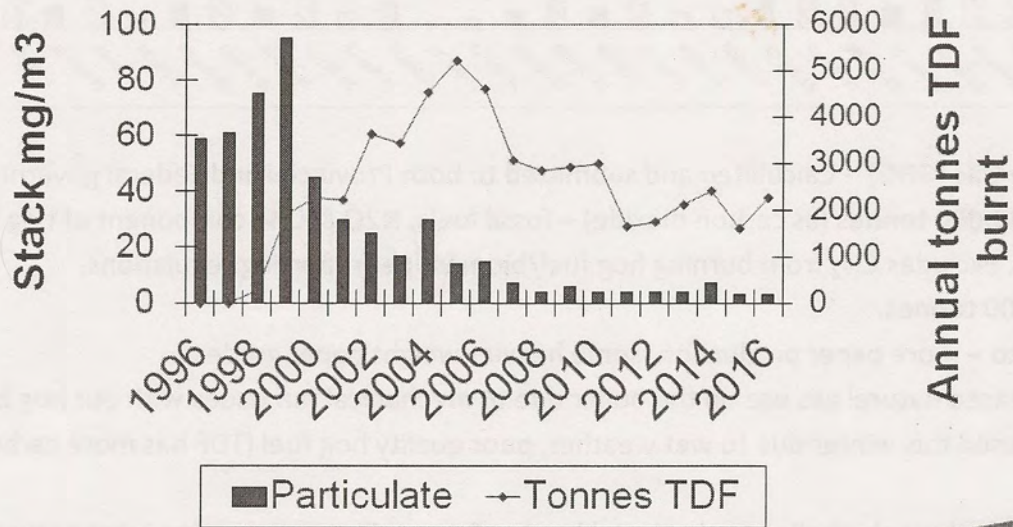
1. Stack particulate (quarterly stack tests)

2016 average = 3 mg/m³ (range was 1-5 mg/m³)

2015 average = 3 mg/m³

Permit limit = 115 mg/m³ (annual average)

ANNUAL AVERAGE PARTICULATE EMISSION CONCENTRATION AT STACK



2. Power Boiler Dioxin & Furan annual stack test

2 tests Nov. 29, Dec. 1

Test 1 – with TDF used = 0.04 ng/m³

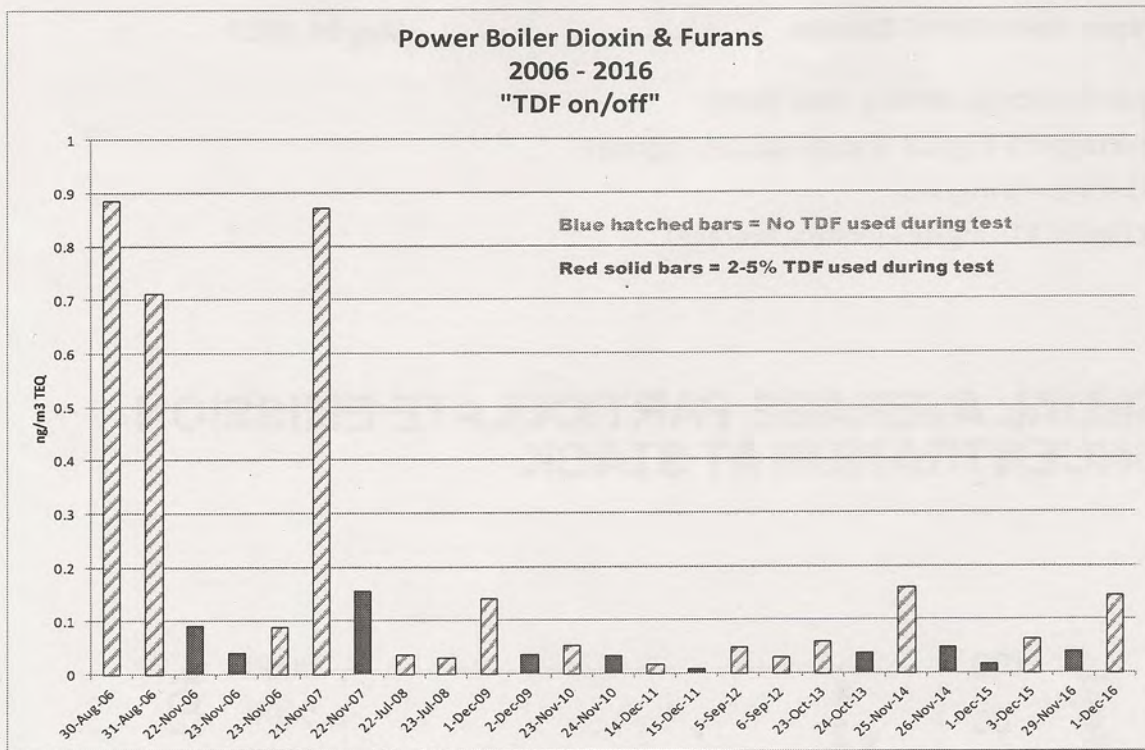
Test 2 – no TDF = 0.15 ng/m³

Similar to the range of historical results.

SEE CHART ON NEXT PAGE.

SOLID BARS = TDF used during test. Hatched bars = No TDF used during test.

Appendix 2: Catalyst Update p 2.



3. Greenhouse Gas (GHG) - Calculated and submitted to both Provincial and Federal governments
2016: 38,000 tonnes (as carbon dioxide) – fossil fuels, N2O & CH4 component of hog fuel combustion. Excludes CO₂ from burning hog fuel/biomass per reporting regulations.

2015 : 30,000 tonnes.

Higher due to – more paper production, some heavier weight paper grades

- some increased natural gas use on the boiler due to mechanical fan issues with our hog boiler
- extra TDF used this winter due to wet weather, poor quality hog fuel (TDF has more carbon)

- **2017** – hog fuel supply challenges (reduced logging & sawmill activity); using extra natural gas

4. Other information

- a. Electric power demand management program this past winter (Catalyst mills reduced load during high demand periods by managing our pulp production/storage)
- b. Approval received to discontinue the ambient SO₂ measurement at the Alberni Elementary station (based on the results of 3 years operation)
- c. Catalyst Paper Sustainability Report will be on the web site next month
- d. Biron, Wisconsin mill shutdown coal burning boiler; replaced with natural gas and waste heat recovery
- e. Developing "Food Grade" papers (wrap, bags) and packaging
- f. Retirements & New employee hiring is ongoing

March 2014

New Air Quality Management System

Purpose

This document briefly outlines the new Air Quality Management System (AQMS) that is being implemented across Canada, and focuses on one of its key elements -- air zone management.

What is the AQMS?

The AQMS is a new comprehensive air management system that is designed to better protect human health and the environment. It does this through:

- New [Canadian Ambient Air Quality Standards](#) (CAAQS) to drive improvements in air quality,
- New Base-Level Industrial Emission Requirements (BLIERS) for major industries to set a consistent level of good performance across Canada,
- Air zone management that supports actions to improve air quality and keep clean areas clean,
- Enhanced coordination where air pollution crosses jurisdictional borders, and
- Increased collaboration on actions to reduce transportation emissions

What is air zone management?

Under the AQMS, air zones are the basis for monitoring, reporting and taking action on air

quality. Air zones are areas that typically exhibit similar air quality characteristics, issues and trends. It is the responsibility of each province and territory to delineate and manage their air zones based on local conditions. The level of response is proportional to the level of air quality degradation, with guidance on appropriate actions described in the [Air Zone Management Framework](#).

What are B.C.'s air zones?

B.C. has been delineated into a total of seven air zones, as shown in Figure 1. These include the Georgia Strait, Coastal, Lower Fraser Valley, Southern Interior, Central Interior, Northwest, and Northeast Air Zones.



Figure 1. New AQMS air zones in B.C.

How will air zone management affect existing local airshed plans?

Local air management plans have already been developed for a number of areas in the province. To avoid duplication of effort, air zone management plans in B.C. will be built upon existing local air management plans.

Where the CAAQS are being approached or exceeded, additional work may be required to ensure that good air quality is achieved. In such cases, the Ministry of Environment will work with affected stakeholders, including local air management committees, to develop the appropriate actions given local conditions.

How will the public be informed?

In late 2014, the province will begin annual reporting on air quality and the actions being taken to reduce air emissions. This information will be made available on the ministry's BCairquality.ca website.

How will air zone management affect industry?

Stakeholders will continue to be engaged at the local level rather than the air zone level. The BLIERS are still under development for a number of sectors. As these are finalized, they will be published in the Canada Gazette Part 1. Similar to current practices, where local air quality levels exceed national standards, the Ministry will work with stakeholders to develop the appropriate response.

What are key dates and activities for air zone management in B.C.?

2014:

- Air zone management levels assigned to each air zone, as an element of first air zone reports
- First annual air zone reports produced

2015:

- CAAQS for PM_{2.5} and ozone come into effect
- Air zone management plans developed based on management levels assigned in 2014
- Work begins on updating or developing local air management plans for areas where CAAQS are exceeded

2016:

- First national State of the Air Report produced in 2016 and every five years thereafter

Final note

This information is provided for the convenience of the reader and may change in the future. The Ministry of Environment should be consulted for complete information.

Ministry Contact

For more information, consult our website at: www.bcairquality.ca/ or e-mail the Ministry at: BCAirQuality@gov.bc. Additional details on the AQMS may be found on the website of the Canadian Council of Ministers of the Environment (CCME).

Open burning in context

Open burning of vegetation is the largest source of fine particulate matter pollution in B.C., as well as a significant source of other air pollutants. Open burning is undertaken for a variety of purposes and in a wide range of settings:

- Waste disposal/fire hazard abatement for forest and agriculture industries
- Community fire hazard reduction
- Land clearing for agriculture and development
- Transportation and utility rights of way
- Other natural resource industries
- Clean up of debris for rural landowners

Burning of vegetative debris is a prescribed activity under the provincial *Environmental Management Act*. Rules under which this burning is authorized are provided in the Open Burning Smoke Control Regulation (OBSCR). The regulation affects anyone burning vegetative debris, although most agricultural practices and some backyard burning activities are exempt from the provisions.

Consultations on revising the OBSCR

A ministry audit in 2004 identified concerns with the regulation. Since that time the ministry has conducted extensive consultations, with intentions papers seeking public comment in 2008 and 2010 and engagement with a stakeholder review group through 2011-13. For detailed information and summaries of public comments see the ministry's [open burning regulatory review website](#). The ministry has reviewed comments received through 2013 and as a result, has substantively updated the proposed revisions to the regulation.

Key features of the proposed revisions

Smoke sensitivity zones

The revised regulation will establish three smoke sensitivity zones covering the entire province. This will replace the two category system ("cities, towns and villages" and "everything else") used in the current regulation. The zones will be delineated on maps that will be part of the final regulation.

The **high smoke sensitivity zone** includes a buffer of 10 km around densely populated areas, modified based on the topography

Key Points

This update provides information on revisions proposed by the ministry and the planned path forward.

The proposed revisions are intended to:

- ➔ Improve air quality in populated areas
- ➔ Simplify burning requirements in remote areas
- ➔ Support enforcement, encourage use of cleaner technologies and provide flexibility for community wildfire protection

Key features of the revisions:

- ➔ Establishes three smoke sensitivity zones, covering the entire province
- ➔ Smoke management plans may be established on a case by case basis
- ➔ Setback distances will be increased
- ➔ Provisions addressing prohibited materials, community wildfire protection plans, burning of diseased vegetative debris, use of air curtain incinerators, burning at log sorts, best management practices and reporting

Additional Information

For an overview on how smoke from different sources is managed in BC see: [A Smoke Management Framework for BC](#) under the "reports" tab at: www.bcairquality.ca. The site also provides general information on [Air Quality in B.C.](#)

The existing Open Burning Smoke Control Regulation can be accessed [here](#). Guidance material on complying with the regulation is available [here](#).

High Smoke Sensitivity Zone**HIGH**

- Strict burning requirements
- Densely populated areas (5% of province)

Medium Smoke Sensitivity Zone**MEDIUM**

- Requirements similar to current regulation
- Smaller communities and surrounding areas (10-15% of province)

Low Smoke Sensitivity Zone**LOW**

- No venting or smoke release requirements
- Areas more than 20 km from major communities (80-85% of province)

of specific communities. Burning requirements in this zone are most restrictive. One day burns are permitted with a “good” venting index forecast and two day burns are permitted if the venting index is forecast to be “good” on day one and “fair” or better on day two. The ministry’s aim is to require rapid burns during periods of good venting to reduce human exposure to smoke. The ministry estimates that less than 5% of the province’s land area will be in this zone. The primary change to burning rules in this zone is the shorter burn period than in the current regulation (from sunrise on day one to sunset on day two, versus 72 or 96 hours in the current regulation).

An estimated 10-15% of the province will be designated as **medium smoke sensitivity zone**. The zone encompasses settled rural areas, and buffers of up to 10 km around high smoke sensitivity zones, 1-5 km around smaller communities that are not part of the high smoke sensitivity zone and 1-3 km around provincial numbered highways. Burning in this zone will require a forecast of at least two days of “fair” or better venting index. Burn periods are up to four days in length (sunrise day one to sunset day four). Relative to current requirements the venting index requirements are more permissive, however the burn periods are slightly shorter.

The **low smoke sensitivity zone**, covering roughly 80% of the province, will be subject to the general burning provisions set out in the regulation. These general

requirements include a prohibition on causing smoke impacts to communities. However, burns in this zone will not be subject to specified limits with respect to venting index or burn duration. Delineation of this zone, where the risk of smoke impacts on populations is low, should greatly simplify open burning over much of the province. However if the removal of venting and smoke release requirements causes local pollution problems the ministry still has the option to impose stricter burning requirements in selected areas of the low smoke sensitivity zone.

Smoke management plans

The revised regulation will empower the ministry to substitute requirements on a case by case basis, in place of the “default” requirements in the regulation. These substitution powers could be used to approve existing smoke management plans or to develop new ones where appropriate.

Setback distances

Setback distances for burning will be increased to 500 metres from residences or businesses and 1,000 metres (1 km) from schools, hospitals and care facilities.

Setback distances will be reduced to 50 metres in specific situations – community wildfire protection or management of diseased vegetative debris. Burning within the specified setback distances under these situations will need to follow best management practices set out in the regulation.

Burning within the increased setback distances but still more than 100 metres from residences or businesses and 500 metres from schools, hospitals and care facilities (the same setbacks as the current regulation) will be allowed if specified conditions are followed:

- One day burns only
- Venting index “good”
- Vegetative debris being burned is “seasoned” in accordance with the definition in the regulation
- Neighbours are notified

Additional proposed revisions

Prohibited materials

The prohibited materials list in the current regulation will be expanded, with the addition of several materials unsuitable for open burning. Note however, that the addition of accelerant materials intended to assist rapid combustion will remain legal – as this reduces air pollutant emissions.

Community wildfire protection plans

A specific provision for burning that takes place under “community wildfire protection plans” will facilitate burning that is required for the critical goal of reducing wildfire hazard to communities. This will allow burning with reduced setbacks and only “fair” venting index, provided notice is given to adjacent residences and businesses.

Diseased vegetative debris

A specific provision for burning diseased vegetative debris will facilitate the priority disposal of diseased material that might put farms or forests at risk. This provision will allow burning with reduced setbacks and only “fair” venting index for vegetative debris that is verified as diseased.

Use of air curtain incinerators

The ministry encourages use of air curtain incinerators – which reduce open burning emissions by up to 95%. The revised regulation will include provisions for reduced setback requirements and relaxed venting requirements when air curtain incinerators are used.

Burning at log sorts

Provisions governing burning at log sorts for each smoke management zone will be revised (replacing the requirement to obtain a permit in all but the high smoke sensitivity zone). Existing permits for log sorts will not be affected.

Best management practices (BMPs)

Best management practices – such as seasoning vegetative debris before burning, minimizing soil content in piles and constructing piles to maximize airflow, will be required. Seasoned vegetative debris will be defined as debris meeting one of the following criteria: containing

<30% moisture content; seasoned at least four months; or standing dead.

Power to prohibit open burning

The ministry will retain the ability to prohibit open burning during periods of poor air quality or when pollution is occurring from open burning. The criterion for prohibiting open burning is B.C.’s ambient air quality objective for fine particulate matter.

New reporting requirements

New reporting requirements will be included in revised provisions to allow the ministry to better track emissions from open burning. Implementation of reporting requirements will follow enactment of the regulation by a specified period (e.g., one year) to enable development of an efficient reporting system.

Custom ventilation forecasts

The revised regulation will allow use of custom ventilation forecasts. These provide location-specific forecasts of the atmosphere’s ability to disperse smoke.

The path forward

The ministry plans to conduct a series of webinars on the proposed revisions, including a general overview webinar and information targeted to municipal, agriculture and forestry interests. If you are interested in participating in one of these webinars, please contact the email or mail addresses below.

If you have any questions or comments about the ministry’s proposed revisions, please submit them by e-mail or mail to the addresses below **by July 21st, 2016**.

Email: OBSCR@gov.bc.ca

Mail: PO Box 28159 Westshore RPO
Victoria B.C. V9B 6K8

All comments received through the webinars, mail or email will be compiled and reviewed by ministry staff prior to final drafting of the revised regulation. The ministry intends to complete revisions to the regulation in 2016.