



AGENDA  
REGULAR MEETING  
JANUARY 8, 2019

**CALL TO ORDER:**

**INTRODUCTION OF LATE ITEMS:** - Resolution required to add late items, if any

**ADOPTION OF AGENDA:** - Resolution to adopt the Agenda for the January 8, 2019 Regular Meeting.

**MINUTES:**

- Resolution to adopt the Minutes of the December 11, 2018, Regular Meeting
- Resolution to adopt the Minutes of the December 17, 2018, Special Meeting

**PETITIONS & DELEGATIONS:** - Nil

**PUBLIC QUESTIONS & COMMENTS:** -

**OLD BUSINESS:** - Nil

**CORRESPONDENCE FOR INFORMATION:**

- Resolution to receive the following items for information:
  - Notice of Nomination Deadline (*BC Achievement Foundation*)
  - Congratulations (*Gordon Ruth, Auditor General for Local Government*)
  - 2018 Annual Report - Thompson Okanagan Columbia (*BC Hydro*)
  - Congratulations (*Isobel Mackenzie - BC Seniors Advocate*)
  - Treaty Update (*BC Treaty Commission*)
  - RE: Gas Tax Agreement Community Works Fund Payment (*UBCM - Arjun Singh, President*)
  - 2018 Community Profile Report (*Selkirk College – Nadine Raynolds, Columbia Basin Rural Development Institute*)
  - 2018 Health Committee Report (*Slocan District Chamber of Commerce – Colin Moss, Health Committee Chair*)

**STAFF REPORTS:** - Nil

**COUNCIL REPORTS:**



- Verbal Reports -
- Regional District of Central Kootenay -
- West Kootenay Boundary Regional  
Hospital District -
- Recreation Commission #6 -
- Economic Development Commission -
- Rosebery Parklands & Trail Commission -
- Treaty Advisory Committee -
- Fire Department Committee -

**NEW BUSINESS:**

- Slocan District Chamber of Commerce – - Request for Grant-in-Aid  
Jessica Rayner, Manager

**ADJOURNMENT:**

- Resolution to adjourn the meeting at \_\_\_\_ p.m.





MINUTES  
REGULAR MEETING

DATE: December 11, 2018  
TIME: 7:00 p.m.  
PLACE: Council Chambers

PRESENT:

- Mayor Leonard Casley
- Councillor John Fyke (via Skype)
- Councillor Vern Gustafson
- Councillor Colin Moss
- Councillor Gerald Wagner
- Catherine Allaway, Corporate Officer
- Press: Valley Voice
- Guests: Joerg Becker, Jill Parry, Helen Davis, Morgen Bardati, Heather Fox

CALL TO ORDER:

INTRODUCTION OF LATE ITEMS:

- Nil

ADOPTION OF AGENDA:

**RESOLUTION #372**

- Moved by Councillor Gustafson and seconded that the agenda for the December 11, 2018 Regular Meeting be adopted as presented.  
CARRIED

MINUTES:

**RESOLUTION #373**

- Moved by Councillor Wagner and seconded that the Minutes of the November 27, 2018 Regular Meeting be adopted as read.  
CARRIED

PETITIONS & DELEGATIONS:

- Nil

PUBLIC QUESTIONS & COMMENTS:

- Heather Fox spoke regarding her request for Village membership in the West Kootenay Boundary Community Investment Co-op.

OLD BUSINESS:

- Nil

CORRESPONDENCE FOR  
INFORMATION:

**RESOLUTION #374**

- Moved by Councillor Wagner and seconded that the following correspondence be received for information:

- Non-medical Cannabis Retail Licences  
(Province of BC - David Eby, Attorney General  
& Hon. Mike Farnsworth, Minister of Public  
Safety and Solicitor General)
- Congratulations (People's Republic of China -  
TONG Xiaoling, Consul General in Vancouver)
- Congratulations (Interior Health - Doug  
Cochrane, Board of Directors Chair)
- Congratulations (Hon. Selina Robinson, Minister  
of Municipal Affairs & Housing)
- 2018 Annual Report (PRIMECorp - Oliver  
Gruter-Andrew, CEO)

CARRIED

#### STAFF REPORTS:

#### **RESOLUTION #375**

- Moved by Councillor Gustafson and seconded that the following reports be received for information:
  - WildSafeBC Annual Report 2018
  - Revenue & Expense Report - December 7, 2018
  - RDCK Regional Energy Efficiency Program Summary

CARRIED

#### COUNCIL REPORTS:

##### Verbal Reports

- Councillor Gustafson reported on the Council Orientation session held in Nelson that he attended with Councillors Fyke and Moss.

##### Regional District of Central Kootenay

- Councillor Moss reported on RDCK affairs.

##### West Kootenay Boundary Regional Hospital District

- Nil

##### Recreation Commission #6

- Nil

##### Economic Development Commission

- Nil

##### Rosebery Trails & Parklands Commission

- Councillor Wagner reported on the recent Rosebery Trail & Parklands Commission meeting.

##### Treaty Advisory Committee

- Nil

##### Fire Department Committee

- Nil

#### NEW BUSINESS:

**RESOLUTION #376**

Appointment of Auditor

- Moved by Councillor Gustafson and seconded that Berg Lehmann be appointed as the Village of New Denver's auditors for the 2019 fiscal year.

CARRIED

**RESOLUTION #377**

Appointment of Financial Institution

- Moved by Councillor Moss and seconded that Kootenay Savings Credit Union be appointed as the Village of New Denver's banking institution for the 2019 fiscal year.

CARRIED

**RESOLUTION #378**

Slocan Valley Economic Development Partnership Memorandum of Understanding

- Moved by Councillor Wagner and seconded that the Mayor be authorized to sign the Slocan Valley Economic Development Partnership Memorandum of Understanding on behalf of the Village of New Denver.

CARRIED

**RESOLUTION #379**

Young Canada Works and Canada Summer Jobs 2019

- Moved by Councillor Wagner and seconded that the Village of New Denver submit applications to the Canada Summer Jobs and Young Canada Works federal wage subsidy programs for funding to hire up to three summer students for the NIMC 2019 operational season.

CARRIED

**RESOLUTION #380**

Health Advisory Committee Terms of Reference

- Moved by Councillor Gustafson and seconded that the Council of the Village of New Denver establish a Health Advisory Committee, and adopt the Terms of Reference as presented to guide the Committee's activities.

CARRIED

**RESOLUTION #381**

Village of New Denver Five Year Financial Plan Amendment Bylaw No. 721, 2018

- Moved by Councillor Moss and seconded that Village of New Denver Five Year Financial Plan Amendment Bylaw No. 721, 2018 be finally adopted.

CARRIED

**RESOLUTION #382**

Grants-in-Aid

- Moved by Councillor Gustafson and seconded that the Village of New Denver issue a grant-in-aid to the Lucerne Association for Community Education, in the amount of \$250.

CARRIED

**RESOLUTION #383**

Fire Truck Purchase

- Moved by Councillor Wagner and seconded that the Council of the Village of New Denver authorize an additional expenditure of \$12,000 for the purchase of the fire truck from Fort Garry Fire Trucks.

CARRIED

**RESOLUTION #384**

West Kootenay Boundary Community  
Investment Co-op (*Heather Fox, New  
Denver*)

- Moved by Councillor Moss and seconded that staff be directed to explore the feasibility of Village of New Denver membership in the West Kootenay Boundary Community Investment Co-op and report back to Council.

CARRIED

Mayor Casley declared a conflict of interest in the matter at hand, due to his close family relationship with Derek Hicks, and left the meeting at 7:38 p.m.

Acting Mayor Gustafson assumed the role of Chair.

**RESOLUTION #385**

Appointment of Fire Chief (*New Denver  
& Area Volunteer Fire Department –  
Mercedes Casley, Captain*)

- Moved by Councillor Wagner and seconded that Derek Hicks be appointed as the Village of New Denver's Fire Chief.

CARRIED

Mayor Casley returned to the meeting at 7:40 p.m. and resumed the role of Chair.

MOTION TO EXCLUDE:

**RESOLUTION #386**

- Moved by Councillor Gustafson and seconded that the public interest requires that, as per section 90(1) (c) of the *Community Charter*, persons other than members of Council, the CAO and Corporate Officer be excluded from the meeting as it pertains to personnel matters.

CARRIED

RECONVENE IN CAMERA:

**RESOLUTION #387**

- Moved by Councillor Gustafson and seconded that Council recess and reconvene in camera at 7:42 p.m.

CARRIED

RECONVENE IN OPEN MEETING:

**RESOLUTION #398**

- Moved by Councillor Moss and seconded that Council reconvene in open meeting at 7:46 p.m.

CARRIED

RESOLUTIONS BROUGHT  
FORWARD FROM IN CAMERA:

**RESOLUTION #397**

- Moved by Councillor Wagner and seconded that Resolutions #395 & #396 be brought forward to the public portion of the meeting.

CARRIED

**RESOLUTION #395**

Appointment of Acting CAO

- Moved by Councillor Gustafson and seconded that Catherine Allaway be appointed as the Village of New Denver's Acting Chief Administrative Officer, effective January 1, 2019.

CARRIED

**RESOLUTION #396**

Appointment of Acting CFO

- Moved by Councillor Moss and seconded that Lisa McGinn be appointed as the Village of New Denver's Acting Chief Financial Officer, effective January 1, 2019.

CARRIED

ADJOURNMENT:

**RESOLUTION #399**

- Moved by Councillor Wagner and seconded that the meeting be adjourned at 7:46 p.m.

CARRIED

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MAYOR CASLEY

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CORPORATE OFFICER



MINUTES  
SPECIAL MEETING

DATE: December 17, 2018  
TIME: 7:08 p.m.  
PLACE: Council Chambers

PRESENT:

- Mayor Leonard Casley  
Councillor John Fyke  
Councillor Colin Moss  
Councillor Gerald Wagner  
Catherine Allaway, Corporate Officer  
Press: Valley Voice  
Guests: Janice Gustafson

CALL TO ORDER:

- Mayor Casley called the Special Meeting to order at 7:08 p.m.

ADOPTION OF AGENDA:

**RESOLUTION #400**

- Moved by Councillor Wagner and seconded that the agenda for the December 17, 2018 Special Meeting be adopted as presented.

CARRIED

NEW BUSINESS:

**RESOLUTION #401**

Official Community Plan Amendment  
Bylaw No. 719, 2018

- Moved by Councillor Moss and seconded that Village of New Denver Official Community Plan Amendment Bylaw No. 719, 2018 be given third reading;  
and further,  
that Village of New Denver Official Community Plan Amendment Bylaw No. 719, 2018 be finally adopted.

CARRIED

**RESOLUTION #402**

Zoning Amendment Bylaw No. 720,  
2018

- Moved by Councillor Wagner and seconded that Village of New Denver Zoning Amendment Bylaw No. 720, 2018 be given third reading;  
and further,  
that Village of New Denver Zoning Amendment Bylaw No. 720, 2018 be finally adopted.

CARRIED

ADJOURNMENT:

**RESOLUTION #403**

- Moved by Councillor Fyke and seconded that the meeting be adjourned at 7:10 p.m.

CARRIED

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MAYOR CASLEY

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CORPORATE OFFICER

DRAFT



## The Corporation of the Village of New Denver

P.O. Box 40, New Denver, BC V0G 1S0 • office@newdenver.ca

PHONE (250) 358-2316 • FAX (250) 358-7251

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TO: Mayor and Council  
FROM: Corporate Officer  
SUBJECT: Communications for Information  
DATE: January 4, 2019

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### RECOMMENDATION:

That the following correspondence be received for information:

- Notice of Nomination Deadline (*BC Achievement Foundation*)
- Congratulations (*Gordon Ruth, Auditor General for Local Government*)
- 2018 Annual Report - Thompson Okanagan Columbia (*BC Hydro*)
- Congratulations (*Isobel Mackenzie - BC Seniors Advocate*)
- Treaty Update (*BC Treaty Commission*)
- RE: Gas Tax Agreement Community Works Fund Payment (*UBCM - Arjun Singh, President*)
- 2018 Community Profile Report (*Selkirk College – Nadine Raynolds, Columbia Basin Rural Development Institute*)
- 2018 Health Committee Report (*Slocan District Chamber of Commerce – Colin Moss, Health Committee Chair*)

PRESENTED BY  
BRITISH COLUMBIA  
ACHIEVEMENT FOUNDATION



## **NOMINATION DEADLINE: JANUARY 15, 2019**

*Celebrating the spirit, imagination,  
dedication, and outstanding contributions  
of British Columbians to their communities.*

## **Nominate Today!**

Nominate a deserving individual who raises  
the quality and character of your community for a  
British Columbia Community Achievement Award.

*"Give back to the people who give the most in your community"*



*Cultural hero, spirited,  
undaunted, fearless, bold  
Raising our awareness to  
a higher understanding  
- Robert Davidson*

We are pleased to provide updates from time to time about the BC Community Achievement Awards. If you wish to update your subscription preferences or unsubscribe, please click below.

[unsubscribe from this list](#)   [update subscription preferences](#)

Our mailing address is:  
British Columbia Achievement Foundation  
PO Box 3663, STN Terminal  
Vancouver, Bc V6N 0A2  
Canada

[Add us to your address book](#)

## Mayor Casley

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**From:** Lebedoff, April AGLG:EX <April.Lebedoff@aglg.ca> on behalf of Ruth, Gordon AGLG:EX <Gordon.Ruth@aglg.ca>  
**Sent:** November 29, 2018 10:47 AM  
**To:** Ruth, Gordon AGLG:EX  
**Subject:** Letter from the Auditor General for Local Government (AGLG) to New Councils and Boards



November 29,  
2018

To: Mayors and Councillors  
Chairs and Directors of Regional District Boards  
Chairs and Directors of Greater Boards

Please accept my congratulations on your election and best wishes for your new term in office. The beginning of a new term is always an exciting time, full of possibilities and opportunities for local governments and their communities.

As you may be aware, the mandate of the Auditor General for Local Government is to assist local governments across B.C. by providing objective information and relevant advice that will assist in local governments' accountability to their communities for the stewardship of public assets and the achievement of value for money in their operations.

We accomplish this through performance audits, which are quite different from the financial audits you may be more familiar with. Performance audits can be valuable tools for local governments as they point out areas relating to the audit topic that could be improved while – equally importantly – also providing assurance in areas where a local government already has good practices.

In our reports, we try to highlight such good practices and recommend them to other local governments. This is why our audit reports are relevant to more than just the local government being audited, as we are always looking for opportunities to provide useful advice to local governments of varying sizes and other characteristics. Our AGLG Perspectives booklets have a similar goal, offering a variety of best practices for a wide range of local governments to consider.

I am pleased that we have received a great deal of positive feedback from local governments and other stakeholders on the work that we have done in recent years and hope that you will also find our reports and recommendations to be useful in your work.

We anticipate the release of a performance audit on the topic of Emergency Management in Local Governments and a Perspectives booklet related to the topic of Local Government's Role in Ensuring Clean Drinking Water in the short term and I would encourage you to review each one once released. All of our audit reports and Perspectives booklets are published on our website at [www.aglg.ca](http://www.aglg.ca) under the 'Publications' tab.

Success for our office almost always depends on collaboration and engagement with elected officials and local government staff. I look forward to working with you and welcome any questions or feedback that you may have, or opportunities to meet with your Council or Board to share the work that we do.

Sincerely,

Gordon Ruth, FCPA, FCGA  
Auditor General for Local Government  
201 - 10470 152<sup>nd</sup> Street, Surrey, BC V3R 0Y3  
Phone: 604-930-7100 | Fax: 604-930-7128



**AUDITOR GENERAL FOR  
LOCAL GOVERNMENT**

ACCESSIBILITY • INDEPENDENCE • TRANSPARENCY • PERFORMANCE

cc: Chief Administrative Officers

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201 – 10470 152<sup>nd</sup> Street  
Surrey, BC V3R 0Y3

Phone: 604-930-7100  
Fax: 604-930-7128

[www.aglg.ca](http://www.aglg.ca)

# Thompson Okanagan Columbia Community Relations 2018 Annual Report

October/November 2018

Crews working high above Arrow Lakes Reservoir to replace aging transmission line power poles.

## Nakusp Transmission Line Upgrades Reduce Duration of Outages

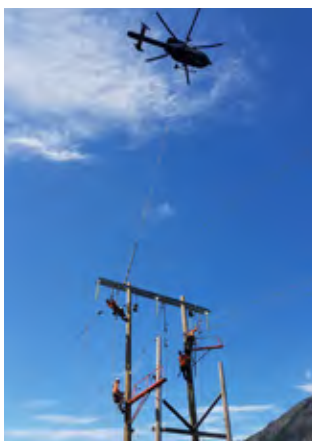
Since spring of 2017, we've been working to restore the aging transmission line that serves over 3,000 customers in the Nakusp area, including New Denver, Silverton, Brouse, Burton, East Arrow Park, Glenbank, Hills, Makinson, Roseberry and Summit Lake. At a cost of \$9.7 million, this is a significant investment in new equipment to improve safety and reduce the duration of outages.

Originally constructed in 1957, over one-third of the 800 plus power poles, along the 100 kilometre long transmission line, were damaged or in poor condition and require repair or replacement. We have restored and upgraded access roads and are replacing the last of the wooden power poles that require upgrades.

The work was planned to minimize disruption to our customers. The vast majority of damaged poles were accessible by road.

Early on in the project, we replaced all of the transmission line wire and installed equipment that allowed most of the upgrade work to be completed without turning off the power. A specialized boom truck was then used to lift the energized wires while crews replaced the poles. For steep terrain without road access, poles were replaced by helicopter and planned power outages were scheduled to safely complete the work.

Across the province, BC Hydro maintains approximately 90,000 wood poles on our transmission lines. We replace approximately 750 wood transmission poles a year and upgrade another 400 by replacing cross-arms or hardware.



Helicopter lifting the power line onto new transmission line poles in May 2018.



Staging area on the Arrow Lakes Reservoir flats near Burton to support pole replacements by helicopter in May 2018.

Varying temperatures, precipitation levels and soil conditions throughout the different regions of the province can affect wood pole aging. We regularly inspect our poles to determine their strength and install new ones when required. Power poles need to be replaced when they reach the end of their 60 to 70 year anticipated service life or have environmental damage or other defects.

A common form of environmental damage to power poles is from animal feeding and nesting. Woodpeckers in particular, can seriously weaken wooden power poles. Although the entrance for a woodpecker nest cavity is only about the size of a softball, the cavity inside can be large enough to fit three soccer balls.

Woodpecker damage does occur throughout the province, but is most common in the southern Interior and some parts of the Okanagan.

# Message from Chris O’Riley, President



BC Hydro is pleased to share our Community Relations annual reports detailing some of our work in your region.

With municipal elections recently completed, I want to start by welcoming new and returning elected officials. We look forward to working with you over the course of your tenure.

We know that affordable, reliable and clean electricity is vital to British Columbia’s economic prosperity and our quality of life. We continue to invest over \$2 billion per year to upgrade aging assets and build new infrastructure to ensure our system is ready to support British Columbia’s growing population and economy.


At the same time, we have an important responsibility to keep electricity rates affordable for our customers. We’re working with the Government of B.C. to keep electricity rates low and predictable over the long-term, while ensuring we have the resources we need to continue to provide clean, safe and reliable electricity. We’ve also enhanced our customer-facing affordability programs, and will continue to focus on making it easier for our customers to do business with us.

Inside this report, you’ll find many examples of how we’re working with your communities.

In the Thompson Okanagan Columbia region we’ve almost finished construction on the new West Kamloops Substation, to help us meet growing demand for electricity. As well, we’re upgrading a transmission line in the Nakusp area that will reduce the duration of outages.

With our operations extending to every corner of the province, we’re proud to consider ourselves not just service providers, but also members of your communities. If you have any questions, please contact our Community Relations representatives in your region. We’d be pleased to help.

Yours sincerely,



Chris O’Riley  
President  
BC Hydro

## Quick Facts

### PROVINCE-WIDE:

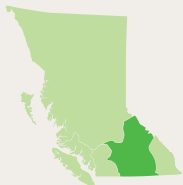
- 4 million customers
- Electricity is delivered through a network of:
  - 79,000 kilometres of transmission and distribution lines
  - over 300 substations
  - 1 million plus utility poles
- Capital investments of more than \$2 billion a year

### THOMPSON OKANAGAN COLUMBIA DAMS AND GENERATING STATIONS:

Revelstoke	2,480 MW
Mica	2,746.5 MW
Seven Mile	805 MW
Kootenay Canal	583 MW
Whatshan	55 MW
Walter Hardman	8 MW
Shuswap	6 MW
Hugh L. Keenleyside Dam*	
Duncan Dam*	

\* Columbia River Treaty Dam – No Generation

MW = megawatt



## Site C Update

Site C will be a third dam and hydroelectric generating station on the Peace River in northeast B.C. Construction started over three years ago in July 2015, and the project is expected to be completed in 2024.

In late 2017, the project underwent a review by the B.C. Utilities Commission and in December the Government of B.C. approved the continuation of the project.

During the third year of construction, the project expanded into new work areas. This includes advancement of earthworks for the dam and generating station, vegetation clearing and access road construction in portions of the transmission line corridor, construction of the Site C substation, and clearing and road maintenance in the lower and eastern reservoir.

The project reached several milestones in 2018, including:

- the large excavation on the north bank slope has been substantially completed and parts of the dam and powerhouse are starting to take shape on the south bank
- the first diversion tunnel began in late August and work is expected to start on the second diversion tunnel in fall 2018
- the majority of large procurements were completed, including contracts for the generating station and spillway, Site C Substation, transmission line construction, and hydro-mechanical equipment

BC Hydro also delivered on several commitments in the region this year. In February, we launched the \$20 million BC Hydro Peace Agricultural Compensation Fund to support agricultural production and agrifood initiatives in the Peace region. We also continued to provide grants to support non-profit organizations in the Peace region through the Generate Opportunities (GO) Fund.

For more information on Site C, please select [sitecproject.com](http://sitecproject.com).



The Site C powerhouse buttress and main service bay pad, looking upstream, in August 2018.

## Electric vehicle charging stations added to cross-province network

This year, we've added 28 new fast-charging stations to our electric vehicle charging network.

Now drivers of electric vehicles can travel across B.C. from Tofino to the Alberta border. The network is designed to provide drivers with charging options when they need them – helping reduce the 'range anxiety' many drivers feel about long road trips.

BC Hydro's fast-charging network can charge an electric vehicle's battery to 80% in 30 minutes or less. With this infrastructure in place, electric vehicle ownership becomes a feasible option for all residents of B.C. As well, tourists driving electric vehicles can confidently travel across the province to visit our communities.

The number of electric vehicles on our roads is growing – there are currently more than 9,000 in B.C. and that is expected to rise to 300,000 by 2030. Since 2017, we've seen a 63% increase in the number of charging sessions at our stations – more than 22,000 charges between May 2017 and May 2018. This represents around 542,000 kilometres of driving and the equivalent of approximately 138,000 kilograms in carbon dioxide emissions savings.

We've been installing charging stations throughout the province since 2012 with support from the provincial and federal governments and in partnership with municipalities, regional districts and others, like Loblaw's and the first of its kind Accelerate Kootenays initiative. This two-year, \$2.1 million project is the result of an innovative collaboration between local and provincial governments as well as funding agencies that have worked together to address the charging infrastructure gap in the Kootenays.

This year we added 12 new stations in the Lower Mainland, six on Vancouver Island, two along the Coquihalla Highway, and a total of 13 as part of the Accelerate Kootenays network – eight in the East Kootenay and Highway 1, with another five in the West Kootenay owned and operated by FortisBC.

We're now working on stations that will connect drivers from Kamloops north to Prince George, and eventually to Prince Rupert.

# Regional information

## Capital projects

### REVELSTOKE 6 GENERATING STATION PROJECT PLANNING CONTINUES

We're continuing planning for a sixth generating unit at Revelstoke Generating Station. While we don't expect to install Revelstoke 6 until 2026, we're pursuing regulatory approvals now in case we need the additional generating capacity sooner. The provincial Environmental Assessment Office has completed their review of the project under the *BC Environmental Assessment Act* and has referred it to the responsible Ministers for a decision.

Revelstoke 6 would provide an additional 500 megawatts of capacity during peak demand periods when our customers need electricity the most. The project would also build a new capacitor station on an existing transmission line west of Summerland needed to deliver the additional electricity generated from the southern Interior with six units at Revelstoke.

For more information about the project and receiving regular updates, please select [bchydro.com/revelstokeunit6](https://bchydro.com/revelstokeunit6).

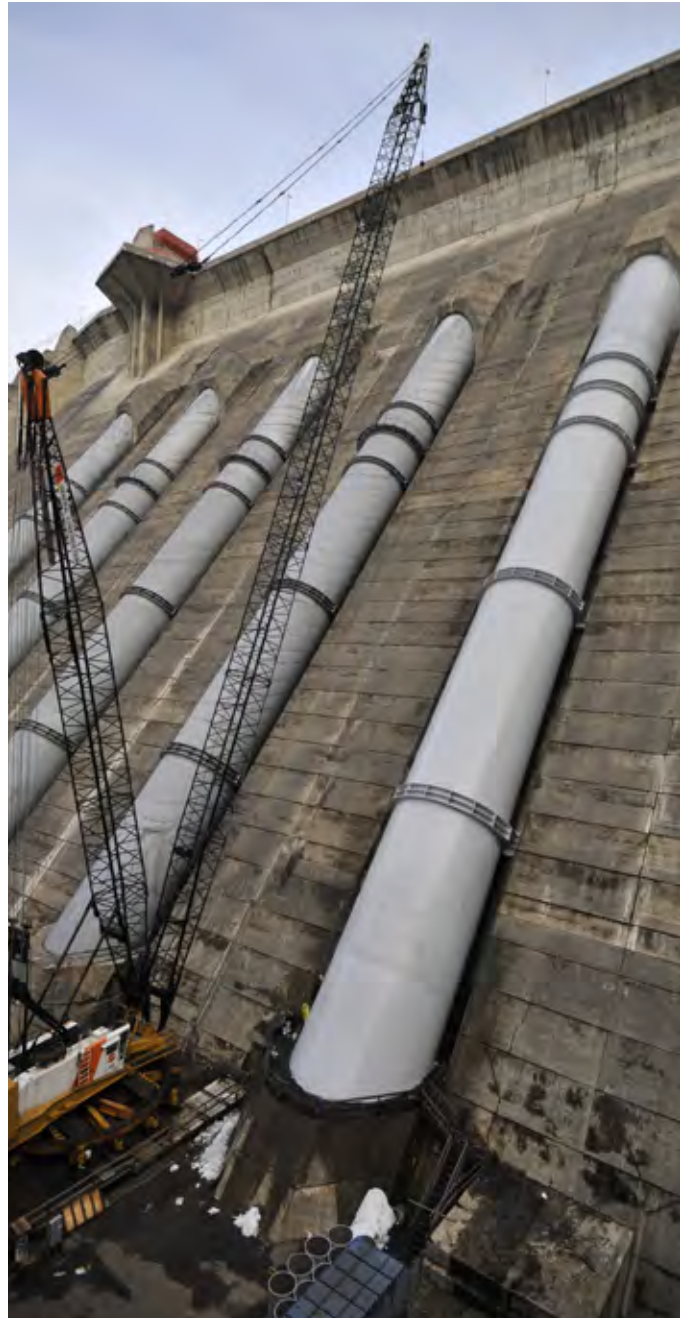
#### What's a penstock?

To make power, water flows into intake pipes called penstocks, and plunges downhill to the generation units. This downhill ride increases the pressure and power so the turbines turn.

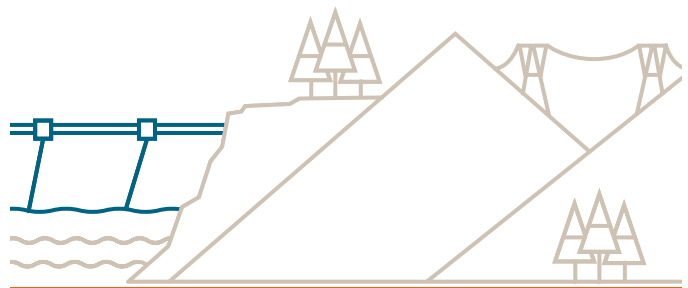
Revelstoke 6 would create about 436 person years of temporary employment and generate local spending of about \$45 million and B.C. spending of about \$113 million for goods, materials and services. All labour for the work at Revelstoke Generating Station would be hired through the Columbia Hydro Constructors agreement that has provisions for local, Indigenous and equity hire.



Delivery of the Revelstoke 5 turbine to Revelstoke Dam.



Installing the Revelstoke 5 penstock on the face of Revelstoke Dam.



## WEST KELOWNA TRANSMISSION PROJECT UPDATE

We continue to move forward with planning for a new, secondary transmission line delivering clean, reliable power to the communities of West Kelowna and Peachland.

In the fall of 2016, we identified Alternative 2 (see map) as the leading alternative. This alternative involves building a new transmission line from Nicola Substation to Westbank Substation. It was assessed as more favourable from an overall safety, environmental, socio-economic, cost, geotechnical and wildfire risk perspective compared to Alternatives 1 and 3.

We expect to make a decision on our preferred alternative for the transmission project in early 2019.

For more information, please select [bchydro.com/wktp](http://bchydro.com/wktp).



## WEST KAMLOOPS SUBSTATION COMPLETED

To help us meet growing demand for electricity in Kamloops, we've completed the new substation off Bunker Road – adjacent to the City Works Yard. The new transmission lines in Kenna Cartwright Park are complete. The distribution lines in the park are substantially complete and once finished, work areas in the park will be restored. Underground concrete housing for distribution cables to connect the substation to the West End community will be completed by summer 2019.



A bird's eye view of the new substation looking northeast.

To make it possible for the new substation to communicate with the rest of our electricity system, a new 12 metre communications tower was built in Kenna Cartwright Park this past year. This tower, along with a new tower at the substation and another at the existing Brocklehurst Substation about four kilometres away enables the substation to be wirelessly connected to our system.

We've kept the public and stakeholders informed regarding key milestones and notable construction activities and will continue to do so for the work in the West End community. Thank you everyone for your understanding and patience during this important work, especially in Kenna Cartwright Park.

For more information, please select [bchydro.com/westkamsub](http://bchydro.com/westkamsub).



One of the poles for the new power lines in Kenna Cartwright Park looking east.

# Regional engagement



## Come visit Revelstoke Dam visitor centre

If you're planning a trip through Revelstoke next summer, be sure to check out one of our most powerful dams in B.C. – the Revelstoke Dam. Just five minutes away from the TransCanada Highway, our visitor centre offers breathtaking views of the dam and the Columbia River Valley from the dam crest at 175 metres above the river.

Learn about hydro power, construction of the Revelstoke Dam, and our addition of a fifth generating unit in 2010 through our interactive exhibits, displays, and film. We also have a gallery developed by the Ktunaxa, Secwepemc, and Okanagan Nations that shares information about their history and culture.

The visitor centre is open daily from the Victoria Day weekend in May until the Labour Day weekend in September and offers both guided and self-guided tours. For more information, please select [bchydro.com/revelstoke](http://bchydro.com/revelstoke).



The face of Revelstoke Dam.

## Sugar Lake and Duncan Dams provide limited flood protection

Some areas of the Thompson Okanagan Columbia region experienced high water conditions in spring 2018 due to higher than average snowpack, sudden hot weather and intermittent rain. Although our dams help reduce river flows by holding back water and storing it in reservoirs, the amount of flood protection they can provide depends on their size, design, location and reservoir storage capacity. On both the Shuswap River in the north Okanagan and the Duncan and Lardeau River watershed in the Kootenays, BC Hydro's ability to provide flood protection is limited.

### SHUSWAP RIVER

The Shuswap River is a large watershed with a run-off area of about 25,000 square kilometres that includes Shuswap Lake, Mabel Lake, Mara Lake and Adams Lake. Although most of the drainage basin is unregulated, BC Hydro does own and operate small facilities at the upper end of the Shuswap River, a tributary of Mabel Lake. The Sugar Lake Dam stores water in Sugar Lake Reservoir that is used to generate power at the downstream Wilsey Dam and Generating Station. The Sugar Lake Reservoir is a fairly small reservoir (about 10 kilometres long) that can't store all of the water flowing in from local creeks and streams that drain an area of roughly 1,100 square kilometres. In an average year, the reservoir can only hold back roughly 11% of the water that flows in during the spring freshet. Once the reservoir is full, we must pass any additional water that flows into the reservoir over the dam through the overflow spillway. During the high inflows in spring of 2018, the Sugar Lake Reservoir filled by the middle of May.

## DUNCAN AND LARDEAU RIVER WATERSHED

Duncan Dam lies within the Duncan River drainage basin that covers 2,400 square kilometres. The dam creates the 71.5 square kilometre Duncan Lake Reservoir that can store 1,727 million cubic metres of water. Duncan Dam was constructed and is operated under the terms of the Columbia River Treaty.

Duncan Dam releases water into the head of Duncan River that joins with the Lardeau River and many other tributaries. During high water conditions in spring 2018, BC Hydro operated Duncan Dam to help reduce flooding impacts to local downstream communities by storing water behind the dam and controlling its release. Our ability to provide local flood protection is limited by the unregulated inflows into Duncan River from its other tributaries. During the peak of this spring's freshet, Duncan Dam held back, on average, 44% of the inflow into the reservoir to reduce downstream river flows during the time that unregulated inflows were at their peak. This year snow pack and weather conditions



The Lardeau River downstream of Trout Lake.

increased water levels on the Lardeau River, as well as on smaller tributaries not regulated by a storage dam.

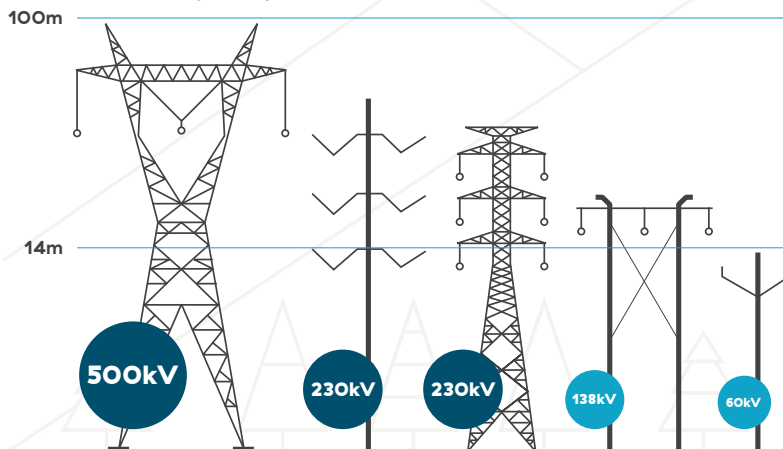
We provide regular information about our operation of Duncan Dam throughout the year and information about our Shuswap facility operation each spring. To receive these updates by email, please contact Dayle Hopp at [dayle.hopp@bchydro.com](mailto:dayle.hopp@bchydro.com).

## Types of power lines

We rely on a system of transmission towers and power lines to carry the electricity produced at our generating stations to the homes and businesses in B.C.

### Transmission lines

Transmission lines are the big, high voltage power lines that bring electricity from where it's made at our generating stations to substations near communities across B.C.

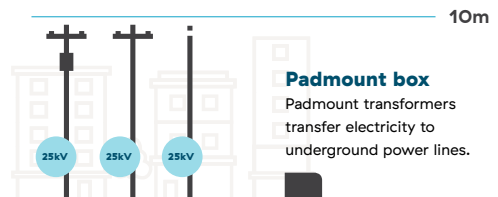


### What's a kV?

kV stands for kilovolt, which is a unit of potential energy. One kV is equal to 1,000 volts.

### Distribution lines

Distribution lines are the smaller, lower voltage lines that carry electricity from the substation to your home or business.



### Padmount box

Padmount transformers transfer electricity to underground power lines.

**BC Hydro**  
Power smart

# Supporting communities

## Trees and vegetation management

Our electrical system is complex and highly efficient, with over 79,000 kilometres of overhead transmission and distribution power lines throughout the province. Managing trees and plants around these lines is important for safety and service reliability.

Our vegetation management team regularly inspects trees and other tall vegetation growing under or adjacent to our overhead system to identify potential problems. Tall, diseased or flawed trees can fall or grow into power lines, causing electrical outages.

Vegetation management contractors – we employ professional arborists and foresters that follow strict environmental guidelines – then prune or remove trees and vegetation in areas where the lines may be impacted. What's more, when an area experiences reliability issues, we assess the local distribution lines for potential tree-related causes. Even with a proactive management program, more than half of all outages in B.C. are caused by trees. For more information, please select [bchydro.com/trees](https://bchydro.com/trees).

## Beautification program – new information

We provide financial assistance to municipal governments for conversion of overhead electrical distribution lines to underground facilities, and for installation of decorative wraps on our existing pad-mounted equipment.

Since wraps were first added to the program a few years ago, we've seen year-over-year increases. Due to this popularity, we're establishing a stand-alone funding program and simplifying the application process. The beautification fund will remain and continue to support undergrounding projects.

While we work to launch this new program, we're not currently accepting any new applications. Please check back with us in the coming months for additional information by selecting [bchydro.com/beautification](https://bchydro.com/beautification).

This past year, applicants for conversion of overhead to underground facilities included:

- Kamloops

As well, applicants for decorative wraps included:

- Sicamous



## Decorative wrap policy

We allow decorative wraps to be installed on our pad-mounted equipment. Municipal governments, strata councils, property managers and well-established community groups (i.e. Business Improvement Associations, Kinsmen, Lions or Rotary Clubs, Neighbourhood Associations) or businesses (established for five years or more) are eligible to apply. Requests from individual homeowners or renters aren't being accepted at this time.

For more information about the decorative wrap policy and installation guidelines, please select [bchydro.com/wrap](https://bchydro.com/wrap).



Salmon Arm Metis Youth Project in Salmon Arm.

## Community ReGreening Program

Our Community ReGreening Program helps fund urban tree planting that's related to visual aesthetics and environmental enhancements. We pay for seedlings, medium and large trees in cities and towns across B.C. Over the past 20 years, we've funded the planting of more than 300,000 trees.

We partner with local communities and Tree Canada to help make sure appropriate trees are planted around power lines, while enhancing open spaces. The program is intended for small-scale community projects and is open to local governments served by BC Hydro. All applications need to be received by January 31, to be eligible for funding within the same year. For more information, please select [bchydro.com/regreening](https://bchydro.com/regreening).

In 2017–2018, successful applications included:

Community	Project	Funding
<b>Armstrong</b>	Community greening	\$2,000
<b>Cache Creek</b>	Park beautification	\$2,000
<b>Central Okanagan Regional District</b>	Water plant site beautification	\$3,500
<b>Clinton</b>	Park beautification	\$1,200
<b>Columbia Shuswap Regional District</b>	Park beautification	\$2,500
<b>Enderby</b>	Park beautification	\$2,000
<b>Kamloops</b>	Dufferin Park	\$8,500
<b>Lytton</b>	Street beautification	\$1,200
<b>Peachland</b>	Park beautification	\$1,600
<b>Skeetchestn Band</b>	Park beautification	\$3,000
<b>Thompson Nicola Regional District</b>	Playground greening	\$2,400
<b>Vernon</b>	Kalamalka Road beautification	\$5,500
<b>West Kelowna</b>	Slope stabilization	\$2,000
<b>Westbank First Nation</b>	Playground greening	\$3,600



Regreening in Enderby's Barnes Park.



Park beautification in Clinton.

## Fish & Wildlife Compensation Program

The Fish & Wildlife Compensation Program (FWCP) is a partnership of BC Hydro, the B.C. Government, Fisheries and Oceans Canada, First Nations, and public stakeholders, to conserve and enhance fish and wildlife in watersheds impacted by BC Hydro dams.

It funds fish and wildlife projects in several regions of the province, including several watersheds in the Thompson Okanagan Columbia region.

One project example is the proposal to improve fish passage at the Wilsey Dam on the Shuswap River near Vernon. The proposal was developed by the Wilsey Dam Fish Passage Committee with funding from the FWCP for environmental and technical feasibility studies.

The FWCP has contributed more than \$413,000 towards fish passage studies in the Shuswap River watershed since 2004. Local First Nations, stakeholders and community members have worked hard to develop this fish passage proposal and, if approved, may provide the opportunity for salmon to return upstream of the dam.

The Wilsey Dam fish passage proposal now moves to step six in BC Hydro's seven-step Fish Passage Decision Framework where further analysis and an assessment of the environmental, financial, and technical elements of the proposal, as well as the social benefits, will be conducted. If the results of this step are positive, BC Hydro's Board of Directors will review the proposal for acceptance.

Since 1988, with funds from BC Hydro, the FWCP has invested nearly \$160 million in fish and wildlife projects in the province. For more details, please select [fwcp.ca](http://fwcp.ca).



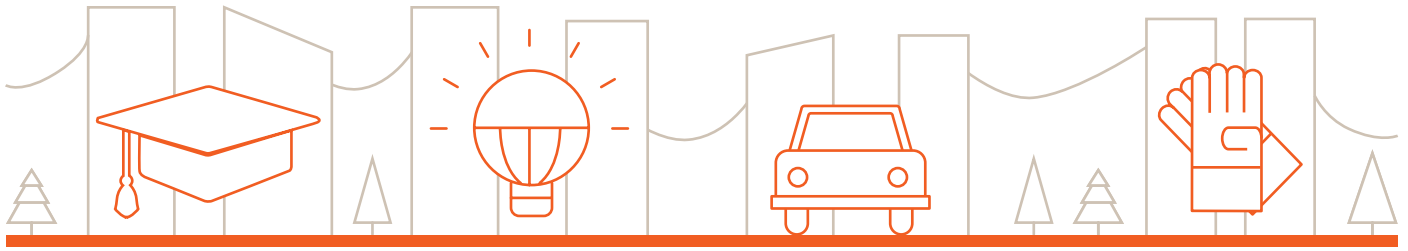
Wilsey Dam on the Shuswap River near Vernon.

## Grants-in-lieu

We pay net property tax and grant payments to local governments. The grant program is a provincial government initiative and the amounts paid are determined under the current legislation. Listed below are the grants paid to each community in the Thompson Okanagan Columbia region as of June 30, 2018.

Municipality/District	School Taxes*	Grants	Other Taxes	Total Payments
City of Armstrong	\$46,910.28	\$52,799.28	\$40.00	\$99,749.56
Village of Ashcroft	\$13,225.80	\$24,257.05	0	\$37,482.85
District of Barriere	\$31,381.46	\$29,042.34	0	\$60,423.80
Village of Cache Creek	\$13,563.10	\$29,157.33	\$101.42	\$42,821.85
City of Castlegar	\$2,956.80	\$70,215.48	\$150.00	\$73,322.28
Central Kootenay Regional District	0	\$837,606.00	0	\$837,606.00
Village of Chase	\$20,612.64	\$22,989.14	\$1,423.20	\$45,024.98
District of Clearwater	\$65,674.52	\$47,670.30	\$100.00	\$113,444.82
Village of Clinton	\$9,213.84	\$32,025.18	0	\$41,239.02
District of Coldstream	\$75,375.00	\$107,259.62	0	\$182,634.62
Columbia-Shuswap Regional District	0	\$2,137,509.00	0	\$2,137,509.00
City of Enderby	\$10,947.80	\$27,410.01	0	\$38,357.81
City of Kamloops	\$745,945.46	\$1,309,826.50	\$483.70	\$2,056,255.66
City of Kelowna	\$4,288.00	\$7,178.76	0	\$11,466.76
Kootenay Boundary Regional District	0	\$1,694,815.00	0	\$1,694,815.00
District of Lake Country	\$101,664.50	\$164,426.30	\$275.00	\$266,365.80
District of Logan Lake	\$14,437.16	\$509,728.29	0	\$524,165.45
Village of Lumby	\$8,468.80	\$18,159.27	0	\$26,628.07
Village of Lytton	\$2,425.40	\$6,383.46	0	\$8,808.86
City of Merritt	\$165,854.48	\$191,576.14	0	\$357,430.62
Village of Nakusp	\$34,262.38	\$53,072.90	0	\$87,335.28
City of Nelson	\$2,523,930.20	\$435,678.83	0	\$2,959,609.03
Village of New Denver	\$2,800.60	\$7,173.45	0	\$9,974.05
North Okanagan Regional District	0	\$11,896.00	0	\$11,896.00
District of Peachland	\$28,957.40	\$40,701.59	0	\$69,658.99
City of Revelstoke	\$627,374.09	\$3,278,350.59	\$360.00	\$3,906,084.68
City of Salmon Arm	\$210,771.38	\$227,175.03	\$5,149.81	\$443,096.22
District of Sicamous	\$36,840.62	\$53,015.96	0	\$89,856.58
Village of Silverton	\$1,294.44	\$2,553.01	0	\$3,847.45
Township of Spallumcheen	\$169,201.80	\$117,494.44	0	\$286,696.24
Sun Peaks Mountain Resort Municipality	\$5,788.80	\$34,856.86	0	\$40,645.66
Village of Valemout	\$12,397.36	\$442,246.65	0	\$454,644.01
City of Vernon	\$746,701.84	\$1,023,068.14	\$(0.15)	\$1,769,769.83
City of West Kelowna	\$236,476.58	\$374,222.23	0	\$610,698.81

\*Local governments collect school taxes which are then forwarded to the provincial government to help fund school districts.



## Community grants

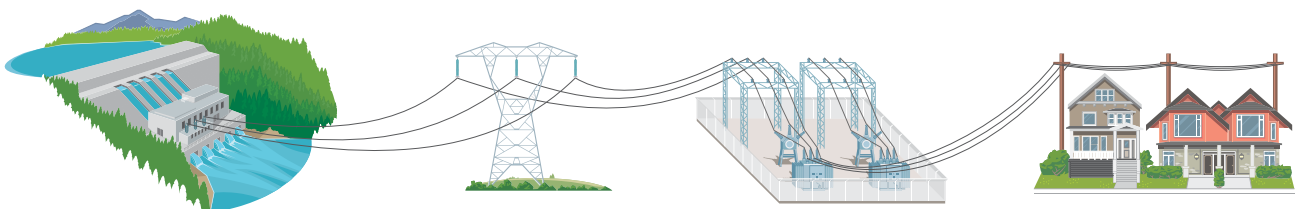
By providing power to the people and businesses of this province, we provide an essential and important service. We also believe in doing more than that: we offer two types of grants to support non-profit organizations and registered charities that are making a difference in their communities. Last year, we supported over 63 community-based projects across every region of the province.

Our grants are given out in three focus areas: building the workforce of tomorrow, public safety and promoting smart energy ideas. When planning for your project, please keep in mind that our grants have set criteria and application deadlines. To learn more, please select [bchydro.com/grants](https://bchydro.com/grants).

Some of the organizations that we supported in the Thompson Okanagan Columbia region this past year included:

Organization	Project	Community	Grant
Castlegar Fire Department	Community Safety Net Booklets	Castlegar	\$2,000
Columbia Shuswap Invasive Species Society	Youth Summer Training Program	Revelstoke	\$2,000
Whispering Pines/Clinton Band	Whispers Community Garden	Kamloops	\$2,000
Kingfisher Interpretive Centre	Summer Mentorship Students	Enderby	\$1,600
West Kootenay Regional Science Fair	West Kootenay Regional Science Fair	Nelson	\$2,000
Okanagan Landing & District Community Association	LED Green Initiative	Vernon	\$2,000
Selkirk College	Growing, Learning Opportunities with Science	Castlegar	\$2,000
Lumby Days	Community Safety Preparation	Lumby	\$2,000

## Our electricity system



### Generation:

Electricity is generated by BC Hydro and independent power producers.

### Transmission:

Electricity is moved from where it is produced to where it is used.

### Substations:

Voltage is reduced at substations to provide power suitable for use in homes and businesses.

### Distribution:

Low voltage electricity is provided to neighbourhoods and businesses.

B15-312

# BC Hydro Community Relations

At BC Hydro we build strong relationships to support the unique needs and strengths of the communities we serve. Our Community Relations team does this by listening, providing information and working together with communities. We're the point of contact for local government, media, local business and community groups. Whether it's for capital projects, corporate initiatives and programs, local BC Hydro activities, significant planned outages, emergency response or unplanned power outages, we work hard to meet the needs of our stakeholders and ensure communities are kept informed.

## Thompson Okanagan Columbia

If you have questions or comments for us, please contact:





Vernon Office	Revelstoke Office	Castlegar Office
Dag Sharman Manager 250 549 8531 dag.sharman@bchydro.com	Dayle Hopp Public Affairs Administrator 250 549 8581 dayle.hopp@bchydro.com	Jen Walker-Larsen Stakeholder Engagement Advisor 250 814 6645 jennifer.walker-larsen@bchydro.com
		Mary Anne Coules Stakeholder Engagement Advisor 250 365 4565 maryanne.coules@bchydro.com

## BC Hydro guide for local government

Quick access to key information on [bchydro.com](http://bchydro.com)

My Hydro and Energy Savings initiatives	
<a href="http://bchydro.com/myhydro/">bchydro.com/myhydro/</a>	Log in to manage your account.
<b>Energy savings programs</b> <a href="http://bchydro.com/energysavings">bchydro.com/energysavings</a>	Learn how you can be smart with your power. Take advantage of rebates and programs.
<b>Smart Meters</b> <a href="http://bchydro.com/smartmeters">bchydro.com/smartmeters</a>	Find out how smart meters help us better manage our electricity grid, and improve service and reliability.
Projects	
<b>Capital Projects</b> <a href="http://bchydro.com/projects">bchydro.com/projects</a>	We're investing more than \$10 billion in our province over the next five years. Learn more about projects taking place in your region.
Programs	
<b>Beautification program</b> <a href="http://bchydro.com/beautification">bchydro.com/beautification</a>	Our beautification fund assists municipal governments in achieving their objectives related to environmental concerns and visual aesthetics. Learn more about the program and the principal considerations that should be included in a proposal.
<b>Community ReGreening Program</b> <a href="http://bchydro.com/regreening">bchydro.com/regreening</a>	The regreening program assists municipalities with urban tree planting while helping to make sure appropriate trees are planted around power lines.
Community Giving	
<b>Grants for community groups</b> <a href="http://bchydro.com/grants">bchydro.com/grants</a>	Learn about our funding opportunities and how to apply for them.
<b>Scholarships &amp; Endowments</b> <a href="http://bchydro.com/scholarships">bchydro.com/scholarships</a>	We look to build the next generation of engineers, electricians, and many other key roles who will help us deliver clean energy for generations. Learn about our scholarship and endowment opportunities.
Report an outage	
<b>How to report a power outage</b> <a href="http://bchydro.com/outages">bchydro.com/outages</a>	Check the outage map or list to see if we know your power is out. If not, call us at 1 800 BCHYDRO (1 800 224 9376) or *HYDRO (*49376) on your mobile phone to report it.

Get info on energy savings initiatives, our projects, important announcements, outages and more.

 [facebook.com/bchydro](https://facebook.com/bchydro)  
 [@bchydro](https://twitter.com/bchydro)  
 [instagram.com/bchydro](https://instagram.com/bchydro)  
 [youtube.com/bchydro](https://youtube.com/bchydro)

 **BC Hydro**  
 Power smart



OFFICE OF THE  
**SENIORS ADVOCATE**  
BRITISH COLUMBIA

Ref: 317203

November 30, 2018

Dear Mayors, Chairs, Councillors and Directors,

As the Seniors Advocate for British Columbia, I am very pleased to extend my sincere congratulations to each of you on your recent election to local government.

Whether you are newly elected or returning to serve as a municipal leader, the impact of your contributions to the quality of life in communities across British Columbia will be immense and will directly affect your constituents on a daily basis. This is particularly the case regarding the most vulnerable of our citizens, which often includes seniors.

My office, the first of its kind in Canada, was established in 2014 to monitor and analyze seniors' services and issues in BC, and recommend solutions to systemic challenges to government and service providers. Our monitoring spans five key areas: health care, housing, income supports, personal supports and transportation. All of these areas are of direct concern and consequence to local government. Whether allocating municipal funds for walkability corridors, sidewalk repairs and curb cuts, and transportation to regional health care, or developing policy around accessibility, age-friendliness and social inclusivity, municipal governments play a significant role in improving the lives of seniors in British Columbia.

Seniors are a rapidly growing demographic in Canada. Here in British Columbia, seniors currently comprise 19% of our total population (920,000 of 4.8M) and we expect to see a continued rise in the population over 65 in the years ahead. Seniors are forecast to constitute 25% of British Columbians by 2031 (1.4M of 5.63M). Research consistently shows that being a partner in helping seniors age well and in place is a solid investment economically and socially.

Please feel free to contact my office at any time as we work together to improve the lives of British Columbian seniors. [Please also check out our website for additional information.](#)

Thank you again for your commitment to municipal leadership. I wish you my very best for the duration of your term.

Sincerely,

Isobel Mackenzie  
Seniors Advocate  
Province of British Columbia

**From:** BC Treaty Commission <communications@bctreaty.ca>  
**Sent:** December 1, 2018 4:56 PM  
**To:** office@newdenver.ca  
**Subject:** Principals sign accord committing to changing BC treaty negotiations



BC TREATY  
COMMISSION  
INDEPENDENT  
FACILITATOR FOR  
TREATY NEGOTIATIONS



## News Update

### FOR IMMEDIATE RELEASE

December 1, 2018

#### **Canada, British Columbia and First Nations Summit sign accord committing to changing BC treaty negotiations**

VANCOUVER - Today the Principals of the BC treaty negotiations process, the Government of Canada, the Government of British Columbia, and the First Nations Summit, signed the Principals' Accord on Transforming Treaty Negotiations in British Columbia. This Accord further strengthens the goals of treaty negotiations: recognition and protection of Aboriginal title and rights, nation-building, and establishing a government-to-government relationship.

"The Treaty Commission has long advocated for fundamental change to treaty negotiations," said Chief Commissioner Celeste Haldane. "The Principals need to ensure that the commitments in the Accord become real and immediate changes at treaty tables and a priority for all departments across government."

Aboriginal title and rights are a legal interest and must be recognized and treated as such if changes to government policies are to be effective and live up to the commitments in the Accord. Treaty negotiations are the best means to establish this legal and constitutional recognition of title and rights.

The Accord also acknowledges that treaty negotiations must reflect the UN Declaration on the Rights of Indigenous Peoples. The Treaty Commission has focused on the importance of the UN Declaration in treaty negotiations for the last several years.

The Treaty Commission congratulates the Principals for signing the Accord and looks forward to supporting the implementation of these important commitments.

## Quick Facts

- Read the Principals' Accord [online now](#).
- In January 2018, the Principals expanded the Treaty Commission's mandate: "Through its role in facilitating treaty negotiations, BCTC will support the implementation of the UN Declaration, the TRC's 94 Calls to Action, the federal Principles, and the recognition of First Nations right and title."
- The Treaty Commission's 2018 annual report highlights some of the proposed federal and provincial policy changes and how treaty negotiations are also leading some of these innovations. Read it at [www.bctreaty.ca](http://www.bctreaty.ca)

-30-



The Principals of the BC treaty negotiations process sign the Principals' Accord.

FOR MORE INFORMATION:



December 10, 2018

Mayor Leonard Casley  
Village of New Denver  
Box 40  
New Denver, BC V0G 1S0

Dear Mayor Leonard Casley:

**RE: GAS TAX AGREEMENT COMMUNITY WORKS FUND PAYMENT**

I am pleased to advise that UBCM is in the process of distributing the second of two Community Works Fund (CWF) payments for fiscal 2018/2019. An electronic transfer of \$38,697.34 is expected to occur within the next 30 days. These payments are made in accordance with the payment schedule set out in your CWF Agreement with UBCM (see section 4 of your Agreement).

CWF is made available to eligible local governments by the Government of Canada pursuant to the Administrative Agreement on the Federal Gas Tax Fund in British Columbia. Funding under the program may be directed to local priorities that fall within one of the eligible project categories.

Further details regarding use of CWF and project eligibility are outlined in your CWF Agreement and details on the Renewed Gas Tax Agreement can be found on our website at [www.ubcm.ca](http://www.ubcm.ca).

For further information, please contact Gas Tax Program Services by e-mail at [gastax@ubcm.ca](mailto:gastax@ubcm.ca) or by phone at 250-356-5134.

Very best,

A handwritten signature in black ink, appearing to read 'Arjun Singh'.

Arjun Singh  
UBCM President

Pc: Bruce Woodbury, Chief Administration Officer

## Catherine Allaway

---

**From:** Nadine Raynolds <nraynolds@selkirk.ca>  
**Sent:** December 20, 2018 2:12 PM  
**To:** office@newdenver.ca  
**Subject:** 2018 Community Profile Report for New Denver  
**Attachments:** New Denver 2018 Community Profile Report.pdf

**Categories:** AGENDA

Dear Mayor and Council,

The Rural Development Institute (RDI), at Selkirk College, is a regional research centre with a mandate to support decision-making by Columbia Basin-Boundary communities through the provision of information, applied research and outreach and extension support. Initially created as a multi-year partnership with the Columbia Basin Trust (CBT), the RDI is now supported by a variety of funding sources including CBT, and through research partnerships with local governments, non-profits, and businesses.

**We are pleased to share the 2018 Community Profile for New Denver. Please see attached pdf and a colour printed copy will follow in the mail. We hope this report helps your council and staff learn something new about the community you serve.**

Community Profiles are produced as part of the State of the Basin research program—an indicator monitoring initiative that reports on economic, social, cultural and environmental well-being across the Columbia Basin-Boundary. Communities have used these documents in the past to support program planning and management decisions, communications with residents and businesses, and attraction of potential community investors. The RDI has produced a Community Profile for each municipality in the region. These are available on our website at [www.cbrdi.ca/Communities](http://www.cbrdi.ca/Communities). Please share this report with residents, businesses, and community groups.

**We are asking for your feedback on these profiles.** Your comments and suggestions will help us ensure that the next planned release (anticipated in 2020) reflects your needs and interests. **We appreciate a representative of your organization completing the short feedback form at <https://forms.selkirk.ca/view.php?id=123989>.**

Thank you and happy holidays!

Nadine

**Nadine Raynolds**

**Columbia Basin Rural Development Institute**

Selkirk College, Applied Research & Innovation Centre

166 Hughes Road, Castlegar, BC, V1N 4M5

t. 250.365.1282 or 1.888.953.1133 ext. 21282 | e. nraynolds@selkirk.ca

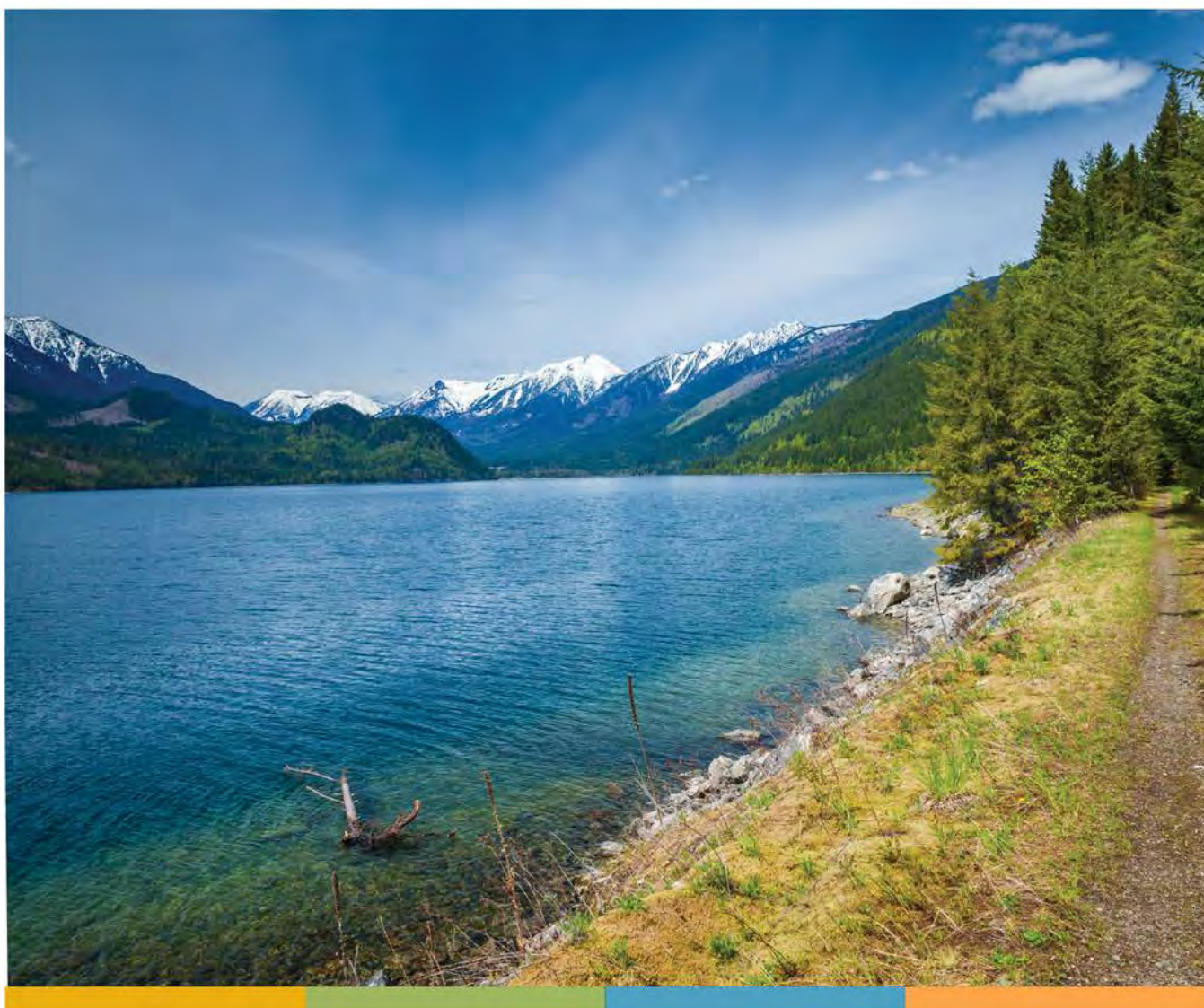
**[selkirk.ca](http://selkirk.ca) / [cbrdi.ca](http://cbrdi.ca)**

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This message has been scanned for viruses and dangerous content by  
**Selkirk College-E.F.A. Project**, and is believed to be clean.

2018 COMMUNITY PROFILE REPORT

# New Denver



APPLIED & INNOVATION  
RESEARCH CENTRE Selkirk College



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# INTRODUCTION

New Denver is located on the eastern shore of Slocan Lake, across from Valhalla Provincial Park. Founded in 1892 and incorporated January 12, 1929, the Village of New Denver's history is diverse, including a mining boom in its founding days, a Japanese-Canadian internment camp in the 1940s, and a residential school for Doukhobor children in the 1950s. Following mining and forestry booms and busts, and waves of draft dodgers and back-to-the-landers, the village is now a quaint community-oriented place. Residents and visitors enjoy the lake and its beaches, as well as the many nearby hiking, biking, and horseback riding trails. See [www.newdenver.ca](http://www.newdenver.ca).

This report provides a profile of several indicators of well-being for the community of New Denver. As part of the State of the Basin program, the RDI has created community-specific reports for all municipalities in the Columbia Basin-Boundary region. The primary goal of the State of the Basin is to provide access to relevant data that is easily accessible to help inform decisions that lead to greater community and regional well-being. The Community Profiles are intended to share community-specific data with local governments and other organizations to help build a better understanding of local conditions and trends, and assist in making evidence-based planning and management decisions. These reports may also be useful for supporting communications with residents, and new resident, business and workforce attraction.



State of the Basin research draws on available data from a variety of sources including federal, provincial, and local governments, crown corporations, and non-profit initiatives. The RDI collects data from open access sources and through custom data requests. Indicators in this report are quantitative, and while quantitative indicators help establish foundational knowledge of well-being, they only tell part of the story. Qualitative information, including the RDI's subjective well-being research, can further contribute to understanding the well-being of our communities and region. In order to understand geographic trends in indicators, this report compares community data with regional, provincial, and national data where appropriate. The geographic divisions used vary by indicator and depend on the topic being measured. **For additional community and regional comparisons for indicators in this report, please see the [State of the Basin reporting](#).**

For other research reports on New Denver please see the [RDI's Communities of the Columbia Basin](#). Statistics Canada also offers a suite of data sets through their [Census Program](#), where you can search by place name and topic, and [Census Mapper](#) provides this data in mapped format. Interior Health has also developed [Community Health Profiles](#) for municipalities across BC, and the [Weather Network](#) offers a variety of weather and climate statistics. [BC Stats](#) and [Local Government Statistics](#) are other online sources of community-specific statistics.

If you have questions or feedback on this Community Profile, please [contact the RDI](#).

## LOCATION

<b>Regional District</b>	Regional District of Central Kootenay
<b>Coordinates</b>	Longitude is 117°22'20"W Latitude is 49°59'30"N
<b>Elevation</b>	560 meters
<b>Municipal Area</b>	1.4 km <sup>2</sup>

## DEMOGRAPHICS

Population characteristics<sup>1,2</sup> help planners and local decision makers to evaluate current and future community needs, particularly with respect to service delivery and potential impacts to the local economy.

### Total Population

	2006	2011	2016	Percent change 2006 to 2016
<b>New Denver</b>	512	504	473	-7.6%
<b>Regional District of Central Kootenay</b>	55,883	58,441	59,517	6.5%
<b>British Columbia</b>	4,113,490	4,400,057	4,648,055	13.0%

### Population Projections

	Percent change in population projected 2017 to 2037
<b>Arrow Lakes Local Health Area</b>	-15%
<b>British Columbia</b>	22%

### Age Characteristics

	New Denver (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Children (0 to 14 yrs)</b>	30	25	45	355,400	335,985	691,390
<b>Emerging Labour Force (15 to 24 yrs)</b>	0	10	25	280,615	265,930	546,540
<b>Primary Labour Force (25 to 64 yrs)</b>	95	110	220	1,246,670	1,314,475	2,561,145
<b>Seniors (65+ yrs)</b>	90	85	190	395,560	453,425	848,985
<b>Total population</b>	210	265	475	2,278,245	2,369,815	4,648,055
<b>Average age of population (yrs)</b>	53.9	54.8	54.4	41.5	43.1	42.3

## FAMILIES & HOUSEHOLDS

Family characteristics<sup>1</sup> such as size and composition of families can help inform social, economic, health, and education programming, as well as planning and development around infrastructure needs.

## Family Characteristics

	New Denver (2016)	British Columbia (2016)
<b>Average household size</b>	1.8	2.4
<b>Total number of families in private households</b>	130	1,311,345
<b>Total couple families</b>	105	1,113,405
<b>Couples without children</b>	80	577,790
<b>Couples with children</b>	25	535,610
<b>One child</b>	10	221,065
<b>Two children</b>	5	230,705
<b>Three or more children</b>	0	83,840
<b>Total lone-parent families</b>	25	197,940
<b>Female parent</b>	20	155,670
<b>Male parent</b>	5	42,265
<b>One child</b>	20	125,890
<b>Two children</b>	5	54,900
<b>Three or more children</b>	0	17,145
<b>Total persons not in census families in private households (singles)</b>	130	882,895

## Marital Status

	New Denver (2016)			British Columbia (2016)		
	Male	Female	Total	Male	Female	Total
<b>Total population 15 years+</b>	180	240	425	1,922,840	2,033,825	3,956,665
<b>Married</b>	70	80	150	959,690	965,645	1,925,345
<b>Living common law</b>	35	35	65	186,485	185,505	371,985
<b>Single (never married)</b>	35	45	80	582,975	493,110	1,076,085
<b>Separated</b>	15	15	30	45,225	60,475	105,700
<b>Divorced</b>	15	30	50	103,475	160,395	263,870
<b>Widowed</b>	15	40	55	44,990	168,700	213,685

## MOBILITY

This indicator measures the movement of people into and out of the community with respect to where they lived five years prior. Non-movers are those who have not moved. Movers include non-migrants and migrants. Non-migrants are persons who did move, but remained in the community. Migrants include those who moved within the province (intraprovincial), as well as those who moved to or from another province (interprovincial), and those who moved to Canada from outside the country (external migrants).<sup>1</sup>

	New Denver (2016)	British Columbia (2016)	Canada (2016)
<b>Non-movers (%)</b>	65.8	57.4	61.8
<b>Movers non-migrants (%)</b>	13.9	21.7	20.7
<b>Intraprovincial migrants (%)</b>	11.4	11.6	10.6
<b>Interprovincial migrants (%)</b>	6.3	3.9	2.5
<b>External migrants (%)</b>	3.8	5.4	4.2

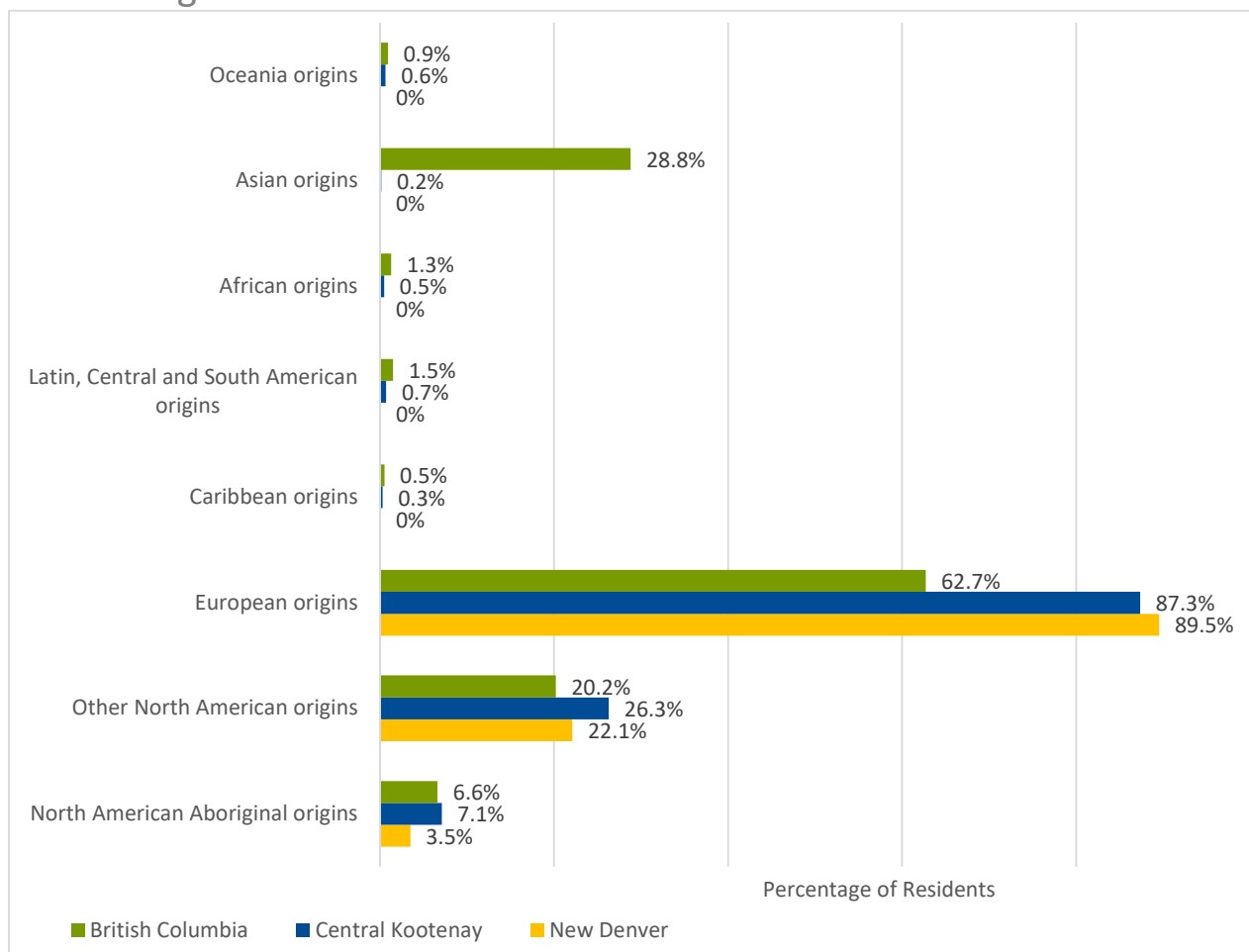
## CULTURAL CHARACTERISTICS

Culture is multi-faceted and dynamic, embracing several aspects that describe and shape our way of life. Language, ethnic origin, and Aboriginal identity are a few indicators that provide insight into a community's cultural diversity.<sup>1</sup>

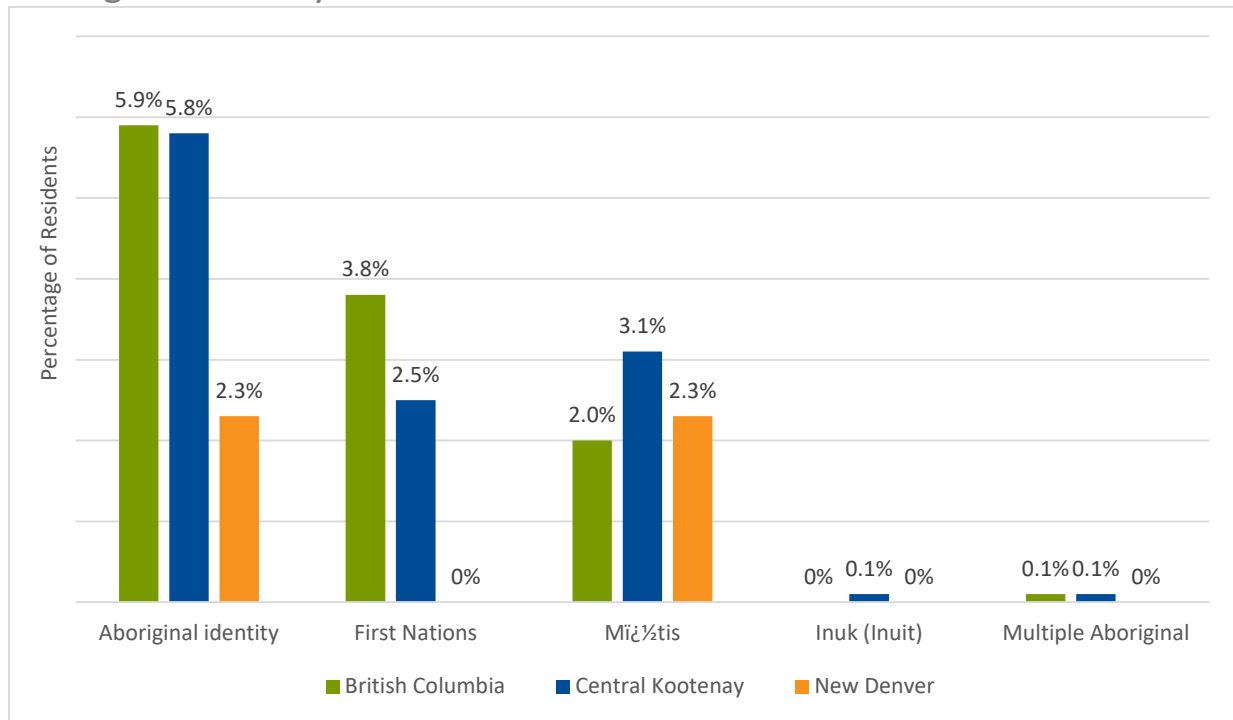
### Language Spoken Most Often at Home

	New Denver (2016)	Central Kootenay (2016)	British Columbia (2016)
<b>English (%)</b>	98.9	97.7	83.2
<b>French (%)</b>	0	0.5	0.4
<b>Non-official languages (%)</b>	1.1	1.8	16.4

### Ethnic Origin



## Aboriginal Identity



## INFRASTRUCTURE

Infrastructure is the physical foundation for community well-being. Water, sewer, utilities, roads, and waste management are all critical for a functioning healthy municipality.

### Water Services

<b>Provider</b>	Village of New Denver
<b>Average per capita demand (2015)<sup>3</sup></b>	not available
<b>Annual residential water rate (2018)</b>	\$327

\* For comparison, average per capita demand for BC is 494 litres (2016)<sup>4</sup>

### Service Providers

<b>Electric power</b>	BC Hydro
<b>Natural gas</b>	N/A
<b>Telecommunications<sup>5</sup></b>	Telus, Xplornet, Bell, Columbia Wireless, Red Mountain

### Landfill & Waste Management

<b>Landfill location</b>	Nakusp Landfill
<b>Regional District waste disposal rate (2016)<sup>6</sup></b>	468 kg/person/year
<b>Type of service</b>	garbage pick-up and recycling drop off

\* For comparison, average per capita waste disposal rate for BC is 472 kg/person/year (2016)<sup>6</sup>

## Traffic Volumes

Station location <sup>7</sup>	Annual Average Daily Traffic (2017) (number of vehicles)	Monthly Average Daily Traffic January	Monthly Average Daily Traffic July
<b>Route 6, 0.1 km south of Silverton Hotel, Silverton (P-34-1NS)</b>	951	599	1,490

## BC Transit

New Denver is serviced by BC Transit's West Kootenay Transit System. This system includes 31 fixed-routes, extending from Edgewood and Nakusp, to Trail and Rossland in the south-west, and Kaslo and Argenta in the north-east. Three Health Connections routes are included which provide transportation to non-emergency medical appointments: Salmo-Nelson, Nakusp-Nelson, and Kaslo-Nelson. There are also five handyDART regions which assist people with permanent or temporary disabilities.

## HOUSING

Housing stock, diversity, availability, and costs are an important basic foundation to a functioning and affordable community. Several indicators related to housing are included in this community profile.<sup>1,8</sup>

### Dwellings by Structure

	New Denver (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	240	1,881,970
<b>Single-detached house</b>	195	830,660
<b>Apartment in a building that has 5 or more storeys</b>	0	177,830
<b>Other attached dwelling</b>	30	824,190
Semi-detached house	5	830,660
Row house	10	147,830
Apartment or flat in duplex	15	230,075
Apartment in a building that has fewer than 5 storeys	0	385,140
Other single-attached house	0	3,755
<b>Moveable dwelling</b>	20	49,290

## Dwellings by Period of Construction

	New Denver (2016)	British Columbia (2016)
<b>Total number of occupied private dwellings</b>	255	1,881,970
<b>1960 or before</b>	130	267,560
<b>1961 to 1980</b>	65	559,485
<b>1981 to 1990</b>	15	289,565
<b>1991 to 2000</b>	25	331,865
<b>2001 to 2005</b>	10	125,335
<b>2006 to 2010</b>	0	171,945
<b>2011 to 2016</b>	15	136,210
<b>Private dwellings in need of major repairs</b>	9.8%	6.3%

## Residential Property Values

	New Denver (2018)	Columbia Basin-Boundary (2018)
<b>Number of single family dwellings</b>	255	45,145
<b>\$0 to \$99,999</b>	3.5%	2.0%
<b>\$100,000 to \$199,999</b>	56.4%	17.9%
<b>\$200,000 to \$299,999</b>	30.6%	31.3%
<b>\$300,000 to \$399,999</b>	7.5%	23.0%
<b>\$400,000 to \$499,999</b>	1.6%	13.4%
<b>\$500,000 to \$599,999</b>	0%	5.6%
<b>\$600,000 and over</b>	0.4%	6.7%
<b>Median value of dwelling</b>	\$183,800	\$295,600

\* For comparison, the median value of dwellings for BC is \$500,874<sup>1</sup>

## Household Occupation

	New Denver (2016)	Central Kootenay (2016)	British Columbia (2016)
<b>Private dwellings occupied by usual residents (%)</b>	76	88	91
<b>Private households who are owners (%)</b>	66	76.81	68
<b>Private households who are renters (%)</b>	34	23.15	31.8

## Housing Affordability

When more than 30% of a household's income is spent on shelter costs, the housing is deemed unaffordable. Shelter costs include electricity, oil, gas, wood, or other fuels, water and other municipal services, mortgage payments, property taxes, condominium fees, and rent. In New Denver, 15% of owner households and 50% of tenant households are spending more than 30% of their income on shelter related costs. For BC, the percentages are 21% of owner households and 43% of tenant households.

# INCOME

Income is a substantial determinant of personal well-being and income levels reflect economic opportunity.

## Household Income

Before-tax household income <sup>1</sup> (2015)	New Denver		British Columbia		Canada	
	Number	%	Number	%	Number	%
Under \$5,000	5	2.0	43,415	2.3	228,790	1.6
\$5,000 to \$9,999	5	2.0	27,140	1.4	200,315	1.4
\$10,000 to \$14,999	15	6.1	55,745	3.0	374,575	2.7
\$15,000 to \$19,999	30	12.2	77,565	4.1	565,940	4.0
\$20,000 to \$29,999	40	16.3	151,680	8.1	1,141,510	8.1
\$30,000 to \$39,999	30	12.2	156,475	8.3	1,210,080	8.6
\$40,000 to \$49,999	35	14.3	152,635	8.1	1,174,435	8.3
\$50,000 to \$59,999	10	4.1	143,475	7.6	1,097,345	7.8
\$60,000 to \$79,999	40	16.3	255,195	13.6	1,934,735	13.7
\$80,000 to \$99,999	20	8.2	210,770	11.2	1,582,420	11.2
\$100,00 to \$124,999	5	2.0	198,140	10.5	1,470,255	10.4
\$125,000 to \$149,999	5	2.0	138,420	7.4	1,016,245	7.2
\$150,000 and over	0	0.0	271,290	14.4	2,075,425	14.7
Median	\$40,576		\$69,995		\$70,336	
Average	\$50,069		\$90,354		\$92,764	

## Source of Income

Source of Income <sup>9</sup> (2015)	New Denver (% tax filers)	British Columbia (% tax filers)	Canada (% tax filers)
Employment income	65.2	77.4	75.8
Self-employment income	26.1	17.8	15.6
Investment income	45.7	40.2	35.4
Employment insurance	10.9	11.5	13.8
Old Age Security / Net Federal Supplement	45.7	26.3	25.5
Canada Pension Plan/Quebec Pension Plan	56.5	32.6	32.4
Canada Child Tax Benefit	15.2	22.1	24.4
Workers compensation	4.3	4.2	3.5
Social assistance	6.5	6.6	9.2
Private pensions	34.8	21.6	21.2
RRSPs	6.5	2.7	2.4
Other income	23.9	27.8	26.0

## Low Income Measure

The Low Income Measure (LIM) is a commonly-used indicator of poverty.<sup>10</sup> It is a fixed percentage (50%) of median adjusted household income, where “adjusted” means that household needs are taken into account. A family is considered to have low income when their income is below the LIM for their family type and size. According to 2015 taxfiler data, 21% of people in New Denver are considered to be low income. The provincial average is 15%.

## LABOUR FORCE

### Class of Worker & Occupation

	# Employees	%	# Self- employed	%	Occupation	#	%
<b>New Denver (2016)<sup>1</sup></b>	145	73	55	28	Management	0	0
					Business, finance & admin	10	5
					Natural & applied sciences	15	8
					Health	30	15
					Education, law & social, community & government	20	10
					Art, culture, recreation & sport	10	5
					Sales & service	65	33
					Trades, transport & equipment operators and related	30	15
					Natural resources, agriculture & related production	15	8
					Manufacturing & utilities	0	0
<b>Regional District of Central Kootenay (2016)<sup>1</sup></b>	23,085	80	5,715	20	Management	3,075	11
					Business, finance & admin	3,195	11
					Natural & applied sciences	1,725	6
					Health	2,195	8
					Education, law & social, community & government	2,985	10
					Art, culture, recreation & sport	1,115	4
					Sales & service	6,295	22
					Trades, transport & equipment operators and related	5,435	19
					Natural resources, agriculture & related production	1,490	5
					Manufacturing & utilities	1,295	4

<b>British Columbia (2016)<sup>1</sup></b>	2,084,470	86	343,395	14	Management	275,000	11
					Business, finance & admin	368,940	15
					Natural & applied sciences	161,520	7
					Health	162,865	7
					Education, law & social, community & government	269,255	11
					Art, culture, recreation & sport	93,100	4
					Sales & service	595,225	25
					Trades, transport & equipment operators and related	360,970	15
					Natural resources, agriculture & related production	64,235	3
					Manufacturing & utilities	76,745	3

## Labour Force by Industry

Industry <sup>1</sup> (2016)	New Denver %	British Columbia %	Canada %
Agriculture, forestry, fishing and hunting	0	3	2
Mining, quarrying, and oil and gas extraction	6	1	1
Utilities	0	1	1
Construction	11	8	7
Manufacturing	0	6	9
Wholesale trade	0	3	4
Retail trade	23	12	12
Transportation and warehousing	0	5	5
Information and cultural industries	6	3	2
Finance and insurance	0	4	4
Real estate and rental and leasing	0	2	2
Professional, scientific and technical services	6	8	7
Management of companies and enterprises	0	0	0
Administrative and support, waste management and remediation services	14	4	4
Educational services	6	7	7
Health care and social assistance	14	11	12
Arts, entertainment and recreation	0	2	2
Accommodation and food services	9	9	7
Other services (except public administration)	6	5	4
Public administration		5	6

## Place of Work

Place <sup>1</sup> (2016)	New Denver		British Columbia		Canada	
	Number	%	Number	%	Number	%
Worked at home	30	16	1,96,510	9	1,272,285	7
Worked outside Canada	0	0	16,040	1	78,815	0
No fixed workplace address	35	19	326,180	14	1,987,260	12
Worked at usual place	120	65	1,766,965	77	13,891,675	81

## Commute to Work

Commute Duration <sup>1</sup> (2016)	New Denver %	British Columbia %
Less than 15 minutes	58.1	28.8
15 to 29 minutes	16.1	32.9
30 to 44 minutes	12.9	20.3
45 to 59 minutes	6.5	8.8
60 minutes or more	12.9	9.1

## Unemployment

Unemployment rates are a strong indicator of economic health. Unemployment rates based on the 2016 Census are shown.<sup>1</sup> [Labour Force Survey](#) data is available at a regional scale and is updated more frequently.

	Total	Male	Female
New Denver	7.5	15.0	0
Regional District of Central Kootenay	8.8	10.2	7.3
British Columbia	6.7	7.1	6.3

## Labour Force Replacement Ratio

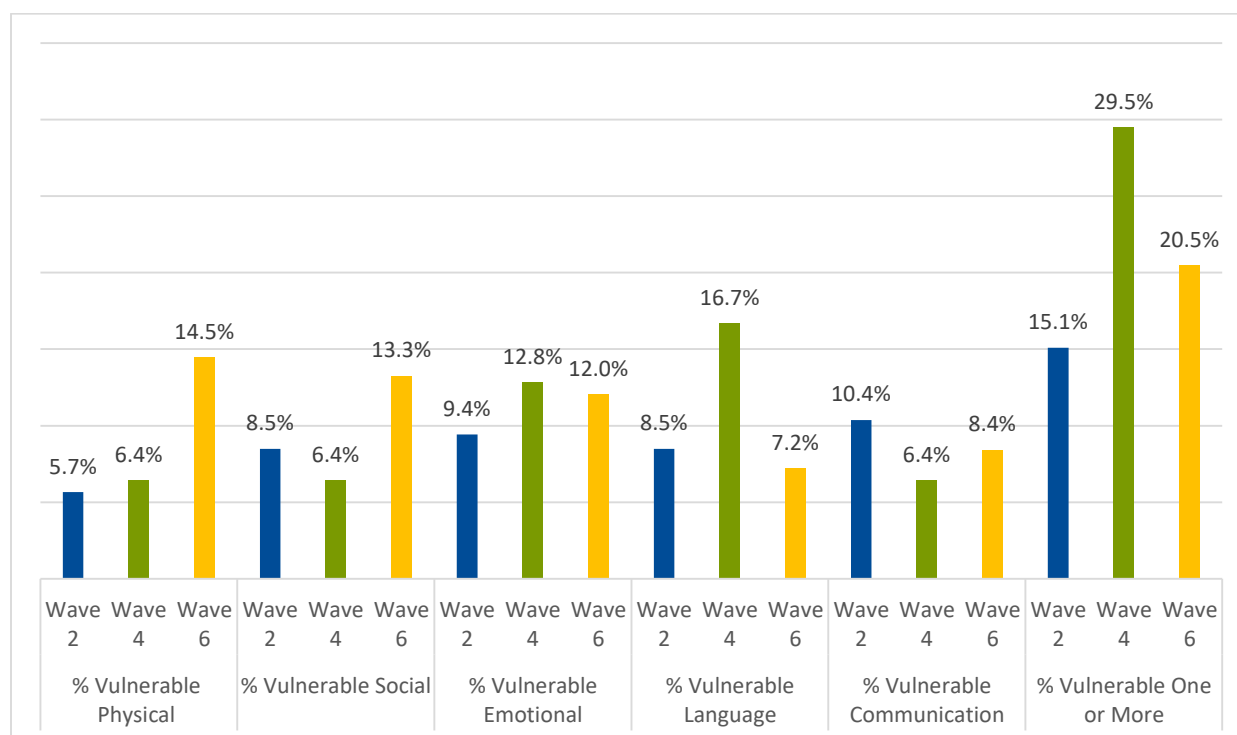
The Labour Force Replacement Ratio is a measure of the ratio of the number of people aged zero to 14 in 2016 who will be entering the workforce to the working population aged 50 to 64 who will be leaving the workforce in the next 15 years. A ratio of 1.0 means the child and retiree populations are the same. The higher the ratio, the greater the young people there are relative to potential retirees. A ratio of less than 1.0 means an area is unable to maintain the current labour force with local replacement workers. The ratio is calculated using the Census 2016 data.<sup>1</sup>

Labour Force Replacement Ratio (2016)	
New Denver	0.33
Regional District of Central Kootenay	0.55
British Columbia	0.67

# EDUCATION

## Early Development Instrument

The early years are crucial in influencing a range of health and social outcomes. Research shows that many challenges in adults, including mental health and criminality, have their roots in early childhood. The Early Development Instrument (EDI) assesses the developmental readiness of children with an aim of identifying vulnerabilities. Vulnerability is reported by the percentage of children who are vulnerable on one or more scales as well as for each scale (physical, social, emotional, language, communication). Data is collected in “waves”; each wave is data from consecutive school years. EDI scores are available at the school district and neighborhood level.<sup>11</sup> The chart below shows the percentage of children vulnerable on each of the scales and vulnerable on one or more scales for the Arrow Lakes neighborhood for Wave 2 (2004-2007), Wave 4 (2009-2011), and Wave 6 (2013-2016). For comparison, provincial data for Wave 6 shows that 29% of children are vulnerable on one or more scales.



## Public School Enrollment

New Denver is in the Arrow Lakes School District (#10). Student enrollment<sup>12</sup> measures the number of all adults and school-age persons who are enrolled in public schools and working towards graduation. Enrollment trends provide information about changes in the school-age population and is valuable for forecasting and planning.

	2012/13	2013/14	2014/15	2015/16	2016/17
<b>Total student enrolment</b>	504	475	460	454	440
<b>Elementary student enrolment</b>	281	276	275	259	256
<b>Secondary school enrolment</b>	222	196	184	194	184
<b>Aboriginal students</b>	96	101	95	90	82
<b>English Language Learners</b>	–	–	–	–	–
<b>French Immersion</b>	–	–	–	–	–
<b>Non-residents</b>	–	2	3	5	2

\* Differences between total and elementary and secondary enrollments due to a small number of Graduated Adults

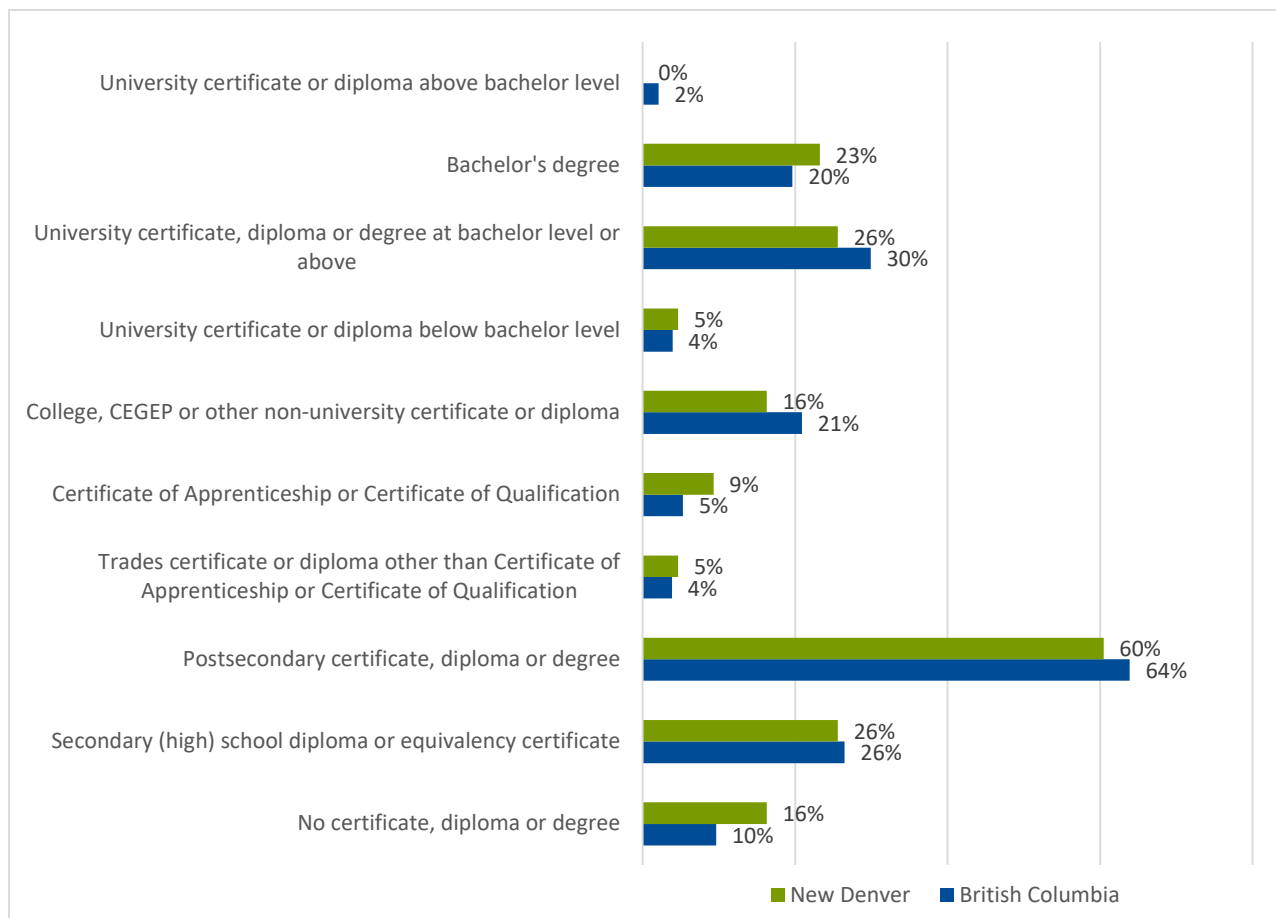
## High School Completion

High school completion rates indicate how successful our families, schools, and communities are in supporting youth in achieving graduation. This indicator measures the proportion of students who graduate within six years of the first time they enroll in grade 8.<sup>12</sup> High school graduation is generally a minimum education level for most employment and a foundation for positive workplace conditions and future employment success and well-being.

	2011/12	2012/13	2013/14	2014/15	2015/16	5-year average
<b>Arrow Lakes (SD 10)</b>	92.2%	82.6%	90.3%	96.8%	78.8%	88.1%
<b>All BC Public Schools</b>	81.8%	83.6%	84.2%	83.9%	83.6%	83.4%

## Educational Attainment

Education levels are highly correlated with social determinants of health such as income, employment security, and socio-economic opportunity. This indicator measures the highest level of attainment of people aged 25 to 64 years.<sup>1</sup>



## QUALITY OF LIFE & CIVIC ENGAGEMENT

### Life Expectancy

Life expectancy is a widely used indicator of population health. This indicator reports on the number of years a person is expected to live based on mortality statistics for a Local Health Area (LHA).<sup>13</sup> The average from 2011 to 2015 was analysed. The Arrow Lakes LHA has a life expectancy of 80.1 years. The BC life expectancy is 82.6 years.

## Crime Severity Index

Crime rates are a common indicator of public safety. The police reported Crime Severity Index (CSI) includes all Criminal Code violations including traffic, as well as drug violations and all Federal Statutes.<sup>14</sup> The CSI reports on the percent change in crime severity from year to year. A negative number means a decrease in the volume and severity of crime, while a positive number means an increase from one year to the next. The change from 2016 to 2017 for Slokan Lake is -27.4, while the CSI for BC is -5.1 between the last two years of data.

## Voter Turnout

Voter turnout is an indicator of the health of a democracy, and can be seen as a reflection of civic mindedness and citizen engagement. This indicator measures the percentage of eligible voters who voted in local elections.<sup>15</sup>

	2008	2011	2014	2018
<b>New Denver</b>	65%	56%	acclaimed	76%
<b>Columbia Basin-Boundary average</b>	51%	45%	41%	51%

## Charitable Donations

Charitable donations<sup>16</sup> play a role in improving well-being by providing support to a variety of initiatives. Charitable giving reflects a capacity to give, and is tied to the economy, where people may give more or less depending on their financial situation and the state of the economy.

Location (2015)	Total # taxfilers	Total charitable donors	Percent charitable donors	Total charitable donations (\$'000)	Median donation	Median income
<b>New Denver</b>	680	120	17.6%	\$110	\$400	\$41,050
<b>Central Kootenay</b>	46,540	8,630	18.5%	\$11,850	\$340	\$49,630
<b>British Columbia</b>	3,488,250	699,780	20.1%	\$1,448,625	\$430	\$58,010
<b>Canada</b>	26,186,760	5,495,900	21.0%	\$9,132,170	\$300	\$58,600

# BUSINESS

## Business Formations

Business formations measures the number of incorporations per year<sup>17</sup>, and is an indicator of the overall business climate, providing a sense of an expanding or contracting economy.

Year	New Denver	Central Kootenay	British Columbia
2013	0	159	32,225
2014	0	165	34,951
2015	0	186	37,934
2016	2	196	43,556
2017	0	186	46,247

## Visitor Centre Statistics

Visitor Centre Statistics<sup>18</sup> are a common indicator of tourism, an economic sector for many communities.

Year	Total Visitors New Denver Visitor Centre	Change from previous year New Denver	Change for all visitor centres in BC
2013	5,825	14.8%	-5.0%
2014	5,365	-7.9%	2.3%
2015	4,910	-8.5%	2.9%
2016	4,601	-6.3%	-1.2%
2017	4,022	-12.6%	-0.5%

## LOCAL GOVERNMENT

Local governments are required to submit data annually to the Ministry of Municipal Affairs and Housing, including annual reports and financial statements.<sup>19</sup> Municipal revenues and expenses, and taxes on a representative house, provide an indication of a local government's capacity, financial needs and priorities, and costs to residents.

### Municipal Revenues

	New Denver (2017)	% of Total Revenue
Total Own Purpose Taxation and Grants in Lieu	\$267,326	18.8%
Sale of Services	\$449,319	31.7%
Transfers from Federal Governments	\$6,866	0.5%
Transfers from Provincial Governments	\$344,751	24.3%
Transfers from Regional and Other Governments	\$328,513	23.2%
Investment Income	\$16,411	1.2%
Income from Government Business Enterprise	\$0	0%
Developer Contributions	\$0	0%
Disposition of Assets	\$0	0%
Other Revenue	\$5,546	0.4%
Total Revenue	\$1,418,732	

## Municipal Expenses

	New Denver (2017)	% of Total Expenses
General Government	\$330,443	22.3%
Protective Services	\$285,265	19.3%
Solid Waste Management and Recycling	\$51,321	3.5%
Health, Social Services and Housing	\$6,131	0.4%
Development Services	\$3,029	0.2%
Transportation and Transit	\$245,883	16.6%
Parks, Recreation and Culture	\$329,744	22.3%
Water Services	\$110,886	7.5%
Sewer Services	\$0	0%
Other Services	\$0	0%
Amortization	\$117,646	7.9%
Other Adjustments	\$0	0%
<b>Total Expenses</b>	<b>\$1,480,348</b>	

## Taxes & Charges on a Representative House

	New Denver (2018)
House value	\$181,634
School	\$464
General Municipal Total	\$632
Regional District	\$186
Hospital	\$50
BCA, MFA, and other	\$62
<b>Total Residential Variable Rate Taxes</b>	<b>\$1,394</b>
<b>Total Residential Parcel Taxes</b>	<b>\$0</b>
<b>Total Residential User Fees</b>	<b>\$486</b>
<b>Total Residential Property Taxes and Charges</b>	<b>\$1,880</b>

\* A representative house is based on the assessment and occurrence of single family residential properties, and does not include vacant properties, multi-family, strata, etc.

# ENVIRONMENT

The environment is a foundation for many aspects of well-being. Parks and protected areas help to safeguard wild spaces and species, and provide opportunity for residents and visitors to recreate and connect with nature. Weather and climate conditions and trends help us understand the context in which a community operates, and climate projections can help with forecasting and adaptive planning.

## Parks & Protected Areas

New Denver has 12 provincial parks and protected areas within a 40 kilometer radius of the municipality. It also has at least 3 local parks and greenspaces within its boundaries.

<b>Provincial Parks &amp; Protected Areas<sup>20,21</sup></b>	Arrow Lakes Park - Burton Site Evans Lake Eco. Reserve Goat Range Park Kokanee Glacier Park Kootenay Lake Park - Campbell Bay Site Kootenay Lake Park - Davis Creek Site Kootenay Lake Park - Lost Ledge Site McDonald Creek Park Purcell Wilderness Cons. Park Rosebery Park Summit Lake Park Valhalla Park
<b>Local Greenspaces<sup>22</sup></b>	Centennial Park Kohan Garden Greer Park

## Weather & Climate

Weather and climate data is based on the Government of Canada's climate normals and averages for the New Denver station.<sup>23</sup>

	January	July
<b>Daily average (°C)</b>	-1.7	19.1
<b>Daily maximum (°C)</b>	0.5	26.1
<b>Daily minimum (°C)</b>	-4.0	12.0
<b>Extreme maximum (°C)</b>	10.6 (1974)	38.5 (2006)
<b>Extreme minimum (°C)</b>	-23.5 (1979)	1.1 (1971)
<b>Rainfall (mm)</b>	43.1	60.8
<b>Snowfall (cm)</b>	57.6	0
<b>Extreme daily rainfall (mm)</b>	50.8 (1971)	34.5 (1936)
<b>Extreme daily snowfall (cm)</b>	36.6 (1943)	0 (1924)
<b>Extreme snow depth (cm)</b>	77 (2004)	0 (1981)

## Modeled Climate Data – History & Projections

Climate data was modeled across the Columbia Basin-Boundary for a 10x10 km grid. The figures below show median values from results of 12 climate models for each time period and for low carbon and high carbon emission scenarios for the grid closest to New Denver.<sup>24</sup> Low carbon scenarios assume global greenhouse gas emissions are drastically reduced from current levels, while high carbon scenarios assume greenhouse gas emissions continue increasing at current rates.

Variable	Recent Past (1951 - 1980)	Near Future (2021 - 2050)		Far Future (2051 - 2080)	
		Low Carbon	High Carbon	Low Carbon	High Carbon
Annual mean temperature	7.6 °C	9.5 °C	9.9 °C	10.6 °C	11.7 °C
Annual total precipitation	763 mm	797 mm	793 mm	814 mm	830 mm

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**SLOCAN**  
DISTRICT  
**CHAMBER OF COMMERCE**  
HEALTH COMMITTEE

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Email: [chamber@slocanlake.com](mailto:chamber@slocanlake.com)

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## **– 2018 REPORT –**

2018 was a year of ups and downs for the Chamber Health Committee.

The residents of the Slocan Valley showed their true community spirit in their support of our Health Committee – from financial support to in-kind offering of their services and skills, to gathering at public demonstrations to help show IHA and the provincial Health Ministry that the residents of the Slocan Valley will continue to fight to preserve and enhance the health care services they now enjoy and deserve.

2018 saw the completion of our physician recruitment/retention video and also the larger Slocan Valley video. The original intent of the Slocan Valley video was to give interested health care professionals an idea of where they might be relocating to. We soon realized that in addition to aiding in health professional recruitment we would also have a video that displays the Valley to other interested groups and individuals.

Both videos are the property of the Slocan District Chamber of Commerce and can be seen by visiting the Chamber website ([www.slocanlake.com](http://www.slocanlake.com)). It is hoped that interested parties (eg. municipalities, businesses, etc.) will add the video links to their websites and share these videos with others, particularly on social media.

To aid in marketing the videos we have hired our Chamber manager Jessica Rayner to fill the newly created position of Media Marketing Manager. Among Jessica's duties will be to showcase our videos on various social media platforms. Jessica will also be in charge of managing the other marketing ideas we've come up with this past year – business cards, posters, golf shirts, vehicle door magnets – as well as helping to come up with new methods of promoting our Health Centres and attracting healthcare professionals.

We now have a full locum pool for the Slocan Community Health Centre and have managed to attract a few interested physicians. One physician has expressed the wish to work here permanently but is presently waiting for either/or IHA and the Health Ministry to come up with a contract. We have been told that 'possible good news' is coming in January. We are guardedly optimistic on this front but continue to work with various groups and individuals in our efforts to pressure the Health Ministry and IHA to come up with a contract(s) for new physicians.

One of our most successful networking initiatives this past year has been to join the BC Rural Health Network. Through our membership in the BCRHN we have been able to communicate with senior Health Ministry staff and have been included in the ongoing consultation process regarding the soon to be implemented provincial Primary Care Network. Included in this process is just how community health centres are going to fit into the overall PCN plan. We presently have a package before the Health Ministry asking for re-evaluation of the Arrow Lakes Local Health Area boundary lines. We have also asked that our Health Centre be designated a 'pilot project' in the proposed enhancement of community health centres under the PCN program.

There is much more work to be done in 2019. We have built a solid team over the past two years and continue to reach out, network and market our facilities and opportunities to healthcare professionals. We look forward to your continued support in the new year and thank you for your help this past year!

COLIN MOSS

Chair, Slocan District Chamber of Commerce Health Committee



## The Corporation of the Village of New Denver

P.O. Box 40, New Denver, BC V0G 1S0 • office@newdenver.ca

PHONE (250) 358-2316 • FAX (250) 358-7251

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TO: Mayor and Council  
FROM: Corporate Officer  
SUBJECT: Request for Grant-in-aid (Slocan District Chamber of Commerce – Health Committee)  
DATE: January 4, 2019

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### RECOMMENDATION:

That the Village of New Denver provide a grant-in-aid of \$1,000 to the Slocan District Chamber of Commerce for their 2019 Health Committee activities.

### BACKGROUND:

The Slocan District Chamber of Commerce Health Committee has been working to ensure the continued operation of the Slocan Community Health Centre. A summary of their 2018 activities is included in this agenda package as Correspondence for Information.

### ANALYSIS:

Typically, the Village of New Denver has not issued grants-in-aid prior to the adoption of the current year's budget. However, the proposed project supports a key Council priority and falls within the amounts that have historically been provided by the Village to the Chamber of Commerce on an annual basis.

### LEGISLATIVE FRAMEWORK:

Like all expenditures, grants in aid must be reflected in the Village's Five Year Financial Plan bylaw and must not provide assistance to business (as per s.173 and s.25 of the *Community Charter*)

### STRATEGIC PRIORITY:

Ensuring the continued operation of the Slocan Community Health Centre has been informally identified by the current Council as a community priority.

COMMUNICATION STRATEGY: Nil

### FINANCIAL IMPLICATIONS:

The amount requested by the Chamber of Commerce for this project falls within the amounts budgeted for 2019 Grants-in-aid in the Village's 2018 Five Year Financial Plan Bylaw.



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January 3, 2019

Village of New Denver  
P.O. Box 40  
New Denver, BC V0G 1S0

**Regarding: Slocan District Chamber of Commerce Health Committee Funding Request**

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Dear Village of New Denver Mayor and Council:

The Slocan District Chamber of Commerce (SDCC) respectfully requests \$1,000 in funding toward the Chamber's Health Committee activities in 2019.

The SDCC Health Committee is grateful for the Village of New Denver's \$2,100 contribution in 2018. We hope you find that the funds have been well spent and we are happy to answer any questions you may have about the Health Committee's activities in 2018. Attached is a summary of the Health Committee's 2018 activities for your review.

The Chamber would like to see the Health Committee continue with its efforts in 2019 and is again seeking local government funding to help make this possible. \$1,000 is being requested of each local government in the region as a result, as per the attached budget.

The SDCC continues to prioritize maintenance and improvement of health services in the Slocan Valley. The Health Committee will continue to work closely with community members, professionals, local government representatives and the Interior Health Authority in an inclusive and well informed fashion. We look forward to building on past successes and continuing to strengthen the Committee's relationship with local government.

The Chair of the Chamber's Health Committee, Colin Moss, and myself are available to answer any questions you may have.

Sincerely,

*Jessica Rayner*

Jessica Rayner, Manager  
Slocan District Chamber of Commerce

Attached: 2019 Proposed SDCC Health Committee Budget  
2018 SDCC Health Committee Report  
CC: Colin Moss (email), Jan McMurray (email)

# SLOCAN DISTRICT CHAMBER OF COMMERCE

HEALTH COMMITTEE

## – 2019 BUDGET –

### INCOME

RDCK Area H	\$ 1,000
Village of New Denver	1,000
Village of Silverton	1,000
Village of Slocan	<u>1,000</u>
	<u><u>\$ 4,000</u></u>

### EXPENSE

Social Media Manager	\$ 2,500
‘Love Our Locums!’ Program	750
Advertising/Marketing	500
Miscellaneous	<u>250</u>
	<u><u>\$ 4,000</u></u>

### SOCIAL MEDIA MARKETING:

Paying someone to help keep videos ‘current’ on various internet platforms . . . Facebook, YouTube, Instagram, etc. Working with our recruiter to find different sites and pages to post our video link.

### ‘LOVE OUR LOCUMS!’ PROGRAM:

Wine and dine program for Locums intended to make locums feel welcome and increase and maintain our locum pool. Expenses included but not limited to . . . gift baskets including food, spirits (Beer and wine), gift certificates at local stores, restaurants and recreational sites (eg. golf club, Idaho Peak tours, river rafting, skiing, etc.)

### ADVERTISING/MARKETING

Newspaper and Internet advertising (Newspaper ads and articles, internet and newspaper classified ads and websites), printing/copying.

### MISCELLANEOUS

Mostly expenses incurred by recruiter – eg. telephone expenses, office supplies, etc.