

MEETING NOTE

Cliff #: 144825

Date: April 24, 2019

PREPARED FOR: Hon. John Horgan, Premier of British Columbia

DATE, TIME and LOCATION OF MEETING: Thursday, May 2, 2019 | 2:00pm-2:30pm
| Premier's Office

ATTENDEES:

- The Hon. Bruce Ralston, Minister of Jobs, Trade and Technology
- Ms. Rachael Bedlington, Consul General of Canada in Guangzhou, China
- Pierrette Maranda, Associate Deputy Minister, Intergovernmental Relations Secretariat

ISSUE: Meeting Consul General Bedlington to discuss business opportunities between B.C. and China

BACKGROUND:

Rachael Bedlington was appointed Consul General of Canada in Guangzhou, China in September 2015. This fall, Ms. Bedlington will take her new position as Minister Commercial at the Embassy of Canada in Beijing. This position is the most senior commercial position – and without an Ambassador, it is the second most senior position at the Embassy, under Jim Nickel, Chargé d’Affaires.

China is B.C.’s second-largest trading partner and Canada’s second-largest single-country merchandise trading partner. In 2018, B.C. exported \$6.7 billion in products to China. Top B.C. exports: chemical wood pulp (\$2.27 billion), lumber (\$1.01 billion), and copper ores (\$747 million).

B.C. has developed strong connections with China across a variety of economic sectors, including clean technology, agriculture, energy and forestry. Ministry staff in B.C. and our offices in China continue to support the bilateral trade and investment activities between the two countries ^{s.16}

DISCUSSION:

Consul General Bedlington plans to discuss the following topics:

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s.13; s.16

- s.16 the Ministry continues to support bilateral trade and investment relationships between B.C. and China. Recent initiatives include:
- The TIR offices in China supported B.C.'s presence at the LNG 2019 Tradeshow and Conference in Shanghai in April 2019.
 - In February 2019, the Ministry supported the visit of a delegation from Hebei Winter Olympic Committee 2022 to Vancouver and Whistler.
 - Eighteen B.C. companies attended the first China International Import Expo in November 2018 – and planning has already begun for a delegation to return to the Expo in November 2019.
 - As part of the LNG Canada project consortium, PetroChina provided investment in the Kitimat Export Terminal Project in fiscal year 2018/19.
 - B.C. agrifood companies participated in Asia Fruit Logistica conference in Hong Kong in September 2018, including B.C.'s Consolidated Fruit Packers which exports Ambrosia apples.

SUGGESTED RESPONSE/KEY MESSAGING:

- Acknowledge Consul General Bedlington's support during Premier Horgan and Minister Ralston and Chow's mission to Guangzhou in January 2018. Welcome her thoughts and suggestions regarding future B.C. missions to China.
- Congratulate the Consul General on her new assignment to the Embassy of Canada in Beijing. B.C. looks forward to continuing to work with Consul General in promoting the bilateral trade relations between B.C. and China.

Attachment 1 – Biography for Consul General Rachael Bedlington

Attachment 2 – Country Trade Profile (China)

Attachment 3 – Summary of Guangdong-Hong Kong-Macau Greater Bay Area Initiative

s.13; s.15; s.16

Prepared by: Raymond Zhu, Senior Manager, China, International Trade Division
Tel: 604-368-0065

Reviewed by			
A/Dir: WH	ED:	ADM: TC	DM: FM

ATTACHMENT 1 – Biography for Consul General Rachael Bedlington

Copyright

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Fact Sheet

MAINLAND CHINA

Top 5 BC Origin Exports to Mainland China, 2018	Cdn \$Millions	Share of total
1. Chemical wood pulp, soda or sulphate, other than dissolving grades	\$2,276.5	34%
2. Lumber, of a thickness exceeding 6 mm	\$1,016.6	15%
3. Copper ores and concentrates	\$747.5	11%
4. Coal and solid fuels manufactured from coal	\$668.2	10%
5. Wood in the rough	\$393.8	6%
Total	\$6,756.3	100%

Top 5 Canadian Exports to Mainland China, 2018	Cdn \$Millions	Share of total
1. Chemical wood pulp, soda or sulphate, other than dissolving grades	\$2,939.4	11%
2. Rape or colza seeds, whether or not broken	\$2,725.3	10%
3. Soya beans, whether or not broken	\$1,745.6	7%
4. Lumber, of a thickness exceeding 6 mm	\$1,186.4	4%
5. Rape, colza or mustard oil and their fractions, not chemically modified	\$1,128.8	4%
Total	\$26,781.1	100%

Top 5 Canadian Imports from Mainland China, 2018	Cdn \$Millions	Share of total
1. Telephone sets; other apparatus for transmission/reception of voice/image/data, nes	\$9,232.5	12%
2. Automatic data processing machines; optical readers, machines for transcribing data, etc, nes	\$6,883.4	9%
3. Motor vehicle parts (excluding body, chassis and engines)	\$1,891.2	3%
4. Wheeled toys; dolls/their carriages; other toys; reduced-size models; puzzles	\$1,467.4	2%
5. Seats	\$1,437.4	2%
Total	\$75,532.0	100%

Top 5 Exports from Mainland China to the Rest of the World, 2017	US \$Millions	Share of total
1. Electrical, electronic equipment	\$598,325.2	26%
2. Nuclear reactors, boilers, machinery, etc	\$383,243.5	17%
3. Furniture, lighting, signs, prefabricated buildings	\$88,973.1	4%
4. Articles of apparel, accessories, not knit or crochet	\$73,408.6	3%
5. Articles of apparel, accessories, knit or crochet	\$71,823.6	3%
Total	\$2,263,370.5	100%

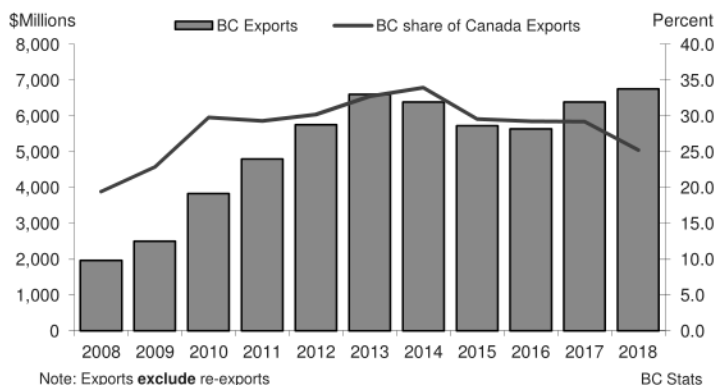
Data Source: International Trade Centre

Top 5 Imports into Mainland China from the Rest of the World, 2017	US \$Millions	Share of total
1. Electrical, electronic equipment	\$457,922.5	25%
2. Mineral fuels, oils, distillation products, etc	\$249,624.5	14%
3. Nuclear reactors, boilers, machinery, etc	\$169,532.4	9%
4. Ores, slag and ash	\$126,477.6	7%
5. Optical, photo, technical, medical, etc apparatus	\$97,468.6	5%
Total	\$1,843,792.9	100%

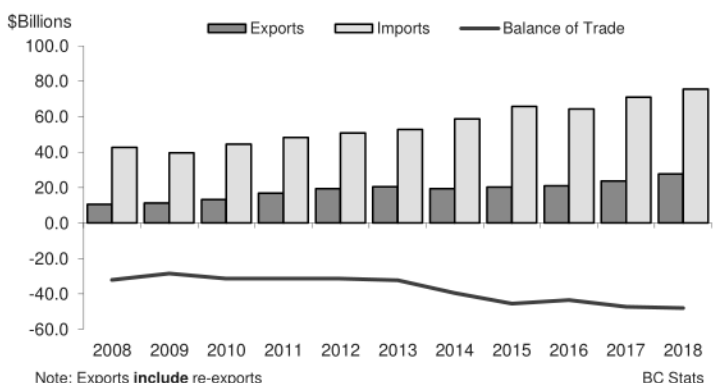
Data Source: International Trade Centre

Provincial Distribution of Exports to Mainland China, 2018	Cdn \$Millions	Share of total
1. British Columbia	\$6,756.3	25.2%
2. Alberta	\$5,111.4	19.1%
3. Saskatchewan	\$4,624.5	17.3%
4. Ontario	\$3,977.9	14.9%
5. Quebec	\$3,414.3	12.7%
6. Manitoba	\$1,236.4	4.6%
7. Nova Scotia	\$791.8	3.0%
8. Newfoundland & Lab.	\$725.1	2.7%
9. New Brunswick	\$125.9	0.5%
10. Prince Edward Is.	\$17.1	0.1%
11. Northwest Terr.	\$0.4	0.0%
12. Nunavut	\$0.1	0.0%
13. Yukon	\$0.0	0.0%
Canada Total	\$26,781.1	100.0%

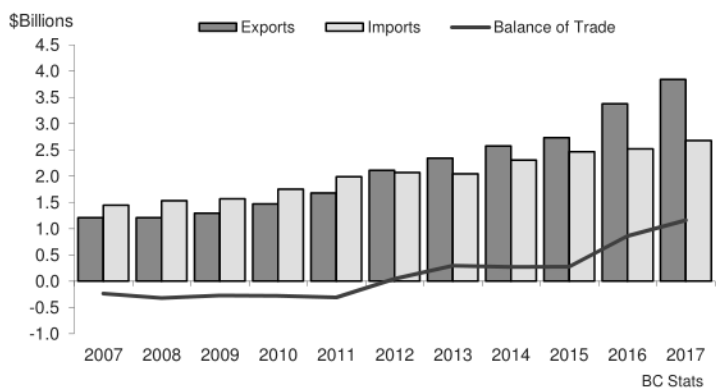
BC Origin Exports to Mainland China



Canada's Balance of Trade in Goods with Mainland China



Canada's Balance of Trade in Services with Mainland China



How important is Mainland China to BC and Canada?

Mainland China ranked #2 as a destination for BC origin exports in 2018 with 14.6% of BC's commodity exports shipped there. It was ranked #2 as a destination for Canadian exports with 5.0% of Canadian goods exports shipped there and #2 as a source of imports into Canada with 12.7% of Canadian imports originating from Mainland China.

How important is Canada to Mainland China?

Canada was the source of approximately 0.9% of imports into Mainland China in 2017. Approximately 2.4% of exports from Mainland China were destined for Canada in that year.

Unless otherwise indicated, data source is Statistics Canada

MAINLAND CHINA

Fact Sheet

Continued

Mainland China General Information

Population	1,384,688,986 (2018)
Annual Population Growth Rate	0.4% (2018)
GDP (US\$)*	\$23.21 trillion (2017)
Per Capita GDP (US\$)*	\$16,700 (2017)
GDP Real Growth	6.9% (2017)

*Purchasing Power Parity
Source: CIA

BC's High Technology Trade with Mainland China (Cdn\$ Millions)

Year	Domestic Exports	Re-Exports	Imports	Trade Balance
2008	\$21.6	\$19.8	\$1,108.9	-\$1,067.6
2009	\$13.8	\$5.3	\$1,041.7	-\$1,022.7
2010	\$22.5	\$5.6	\$1,433.6	-\$1,405.5
2011	\$20.3	\$9.8	\$1,580.7	-\$1,550.6
2012	\$21.8	\$7.2	\$1,698.3	-\$1,669.2
2013	\$26.3	\$7.9	\$1,490.1	-\$1,455.9
2014	\$31.7	\$7.2	\$1,678.6	-\$1,639.6
2015	\$33.7	\$8.2	\$1,910.8	-\$1,868.9
2016	\$39.2	\$6.8	\$1,815.4	-\$1,769.3
2017	\$37.0	\$8.3	\$2,112.7	-\$2,067.4

Source: BC Stats

Canada's Investment Position with Mainland China (Cdn\$ Millions)

Year	Canadian Direct Investment in Mainland China	Direct Investment in Canada by Mainland China
2008	\$3,582	\$5,665
2009	\$3,556	\$12,220
2010	\$3,802	\$12,112
2011	\$3,248	\$15,359
2012	\$4,502	\$11,619
2013	\$6,050	\$13,742
2014	\$8,035	\$15,617
2015	\$10,252	\$13,763
2016	\$10,285	\$15,279
2017	\$10,686	\$16,432

Source: Statistics Canada

Travellers from Mainland China Entering Canada Through BC and Immigration to BC from Mainland China

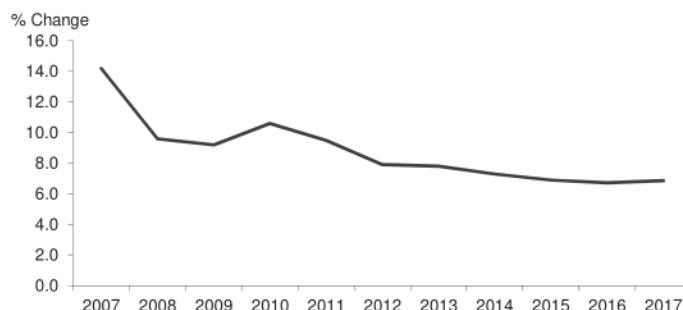
Year	Travellers (Persons)	Immigrants (Persons)
2009	103,936	9,392
2010	122,138	9,100
2011	139,334	7,197
2012	165,018	8,097
2013	207,149	8,432
2014	260,003	6,008
2015	268,105	3,940
2016	315,898	5,352
2017	348,584	5,371
2018	380,233	-

Sources:

Travellers - Statistics Canada

Immigrants - Immigration, Refugees and Citizenship Canada

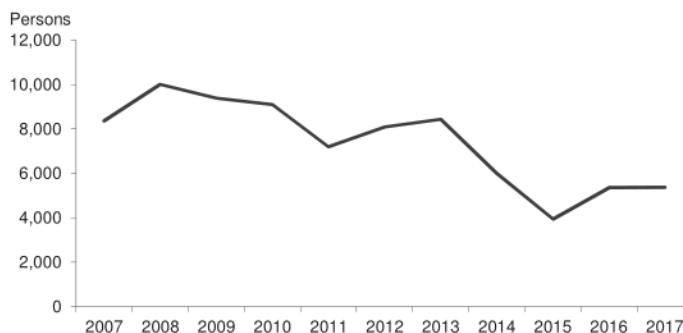
Year-Over-Year % Growth in GDP of Mainland China



Source: International Monetary Fund

BC Stats

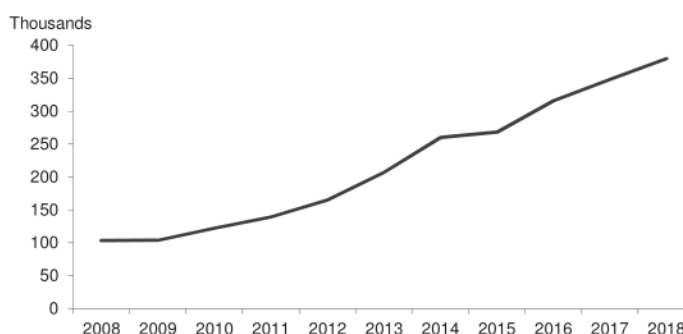
Immigrants to BC from Mainland China



Source: Immigration, Refugees and Citizenship Canada

BC Stats

Travellers from Mainland China Entering Canada Through BC



Source: Statistics Canada

BC Stats

ATTACHMENT 3 – Summary of Guangdong-Hong Kong-Macau Greater Bay Area Initiative

The Guangdong-Hong Kong-Macau Greater Bay Area (Greater Bay Area) consists of the Hong Kong Special Administrative Region (HKSAR), the Macao Special Administrative Region (Macao SAR) as well as the municipalities of Guangzhou, Shenzhen, Zhuhai, Foshan, Huizhou, Dongguan, Zhongshan, Jiangmen and Zhaoqing in Guangdong Province (hereinafter referred to as “the nine Pearl River Delta (PRD) municipalities”), covering a total area of 56,000 square kilometres with a combined population of approximately 70 million at the end of 2017.

The Greater Bay Area leads the country in terms of its level of economic development. It has a comprehensive industry system, with a distinctive cluster advantage and strong economic complementarity. Hong Kong and Macao have highly developed service sectors, whereas the nine PRD municipalities have initially developed an industrial structure driven by strategic emerging industries as the pilot and supported by advanced manufacturing and modern service industries as the mainstay. In 2017, the gross domestic product of the Greater Bay Area stood at around RMB 10 trillion (USD\$1.5 trillion).

The Greater Bay Area has intensely implemented a development strategy which is innovation-driven, with pilot measures of comprehensive innovation and reform in Guangdong well underway. The development of national innovation demonstration zones has been expedited. Guangdong, Hong Kong and Macao have outstanding capabilities in scientific research and development (R&D) and commercial application, and are home to numerous universities, scientific research institutes, high-tech enterprises and large-scale national scientific projects that have important national and even global influence. The Greater Bay Area is well-placed to attract various key factors of innovation, and has an excellent foundation for the development of an international innovation and technology hub.

Hong Kong, Macao and the nine PRD municipalities share the same cultural roots. Their people also have close ties and similar customs. The cities complement one another. Strengthened cooperation in recent years among Guangdong, Hong Kong and Macao in areas such as infrastructural development, investment and trade, financial services, technology education, leisure and tourism, ecological and environmental protection, and social services has yielded remarkable results. A pattern of multi-level and comprehensive cooperation has been established.

As one of the most open and economically vibrant regions in China, the Greater Bay Area plays a significant strategic role in the overall development of the country. The development of the Greater Bay Area is not only a new attempt to break new ground in pursuing opening up on all fronts in a new era, but also a further step in taking forward the practice of “one country, two systems”.

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MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

BRIEFING NOTE FOR INFORMATION

- I PREPARED FOR:** Honourable John Horgan, Premier of British Columbia
- II ISSUE:** Meeting with the Honourable Amarjeet Sohi, Minister of Natural Resources and Senior Executives from PETRONAS including Datuk Ahmad Nizam Salleh – Group Chairman of the Board, Tan Sri Wan Zulkiflee Wan Ariffin – President and Group CEO, Datuk Mohd Anuar Taib – Executive Vice-President, CEO Group Upstream, Ym Tengku Muhammad Taufik Tengku Aziz – Executive Vice-President and Group CFO and Mark Fitzgerald – President and CEO of PETRONAS Canada

III BACKGROUND:

LNG Canada

Since LNG Canada's Final Investment Decision announcement in October 2018, construction has commenced on the LNG Canada facility and associated Coastal GasLink pipeline projects. Site clearing activities are underway and are expected to last until April 2019. Pre-construction activities for the Coastal Gas Link pipeline are underway and include surveying, road-clearing and camp preparation. The Ministry of Energy, Mines and Petroleum Resources has established a dedicated team for the implementation of the LNG Canada and the Coastal GasLink (CGL) projects. This team is working collaboratively with other Ministries and the BC Oil and Gas Commission to ensure permitting remains on schedule and any issues pertaining to the provincial government are identified and addressed.

PETRONAS Energy Canada Ltd and North Montney Joint Venture

On November 23, 2018 Progress Energy Canada Limited changed its name to PETRONAS Energy Canada Ltd. PETRONAS Energy Canada is a wholly owned subsidiary of PETRONAS. Together with its North Montney Joint Venture partners, Japan Petroleum Exploration Company (JAPEX), PetroleumBRUNEI, IndianOil Corporation, and Sinopec-China Huadian, PETRONAS Energy Canada is the largest natural gas reserves owner in Canada with approximately 800,000 acres of largely contiguous mineral rights in the North Montney and over 52 trillion cubic feet worth of reserves. PETRONAS Energy Canada is the operator of the joint venture, which has more than 15,000 identified potential drilling locations.

While a portion of PETRONAS Energy Canada's natural gas production will be directed towards LNG Canada, the company has plans to grow its natural gas production substantially to supply the North American market as well, and is seeking other opportunities to realize additional value from its gas resources. To support the growth of access to the North American market PETRONAS has entered into long-term arrangements to secure pipeline capacity.

IV DISCUSSION:

PETRONAS is seeking assurance from the provincial and federal government that support for investment in LNG in Canada remains a priority. They are looking to protect their current assets as well as any further investments in British Columbia.

Fiscal Framework for LNG

The Province and LNG Canada have executed an Operating Performance Payments Agreement (OPPA). This agreement commits British Columbia to implement the four natural gas competitiveness measures announced in March 2018 by June 30, 2019 (with an extension possible by mutual agreement), and to leave the measures in place for at least 20 years after the LNG Canada project begins commercial operations. In exchange for this, LNG Canada agrees to make a series of payments totaling \$596 million over the first 20 years of project operations.

Two of the four measures (a PST exemption for construction of the project and changes to electricity rates) were implemented on October 2, 2018. Recently legislation was passed to repeal the *LNG Income Tax Act* and retain the Natural Gas Tax Credit which is expected to satisfy the Province's obligations under the OPPA for fiscal changes related to income tax. To support the legislature's debate on this legislation, the OPPA was publicly released after the legislation is tabled.

The remaining measure, the CleanBC Industrial Incentive will be met through a combination of policy currently under development by the Ministry of Environment and Climate Change, s.12; s.13; s.17

s.12; s.13; s.17

The Natural Gas Tax Credit will allow companies involved in the LNG industry to earn a credit based on the value of the natural gas supplied to their facility. They will be able to use this credit to reduce their corporate income tax burden by up to three percent below the prevailing rate (from 12 percent to 9 percent currently). This will provide companies active in the British Columbia LNG industry access to the lowest provincial corporate income tax rate in the country (not counting small business rates).

The Government's objective with its LNG Investment Fiscal Framework is to encourage companies to develop British Columbia's natural gas and to ideally pay British Columbia corporate income tax. To the extent that LNG Canada's Joint Venture entities may want to independently participate in the further development of British Columbia's natural gas industry, there may be a good business case that certain of those entities could locate their Canadian head office in British Columbia.

Update on Coastal GasLink

Coastal GasLink (CGL) is involved in two legal processes:

On July 30, 2018, the National Energy Board (NEB) received an application from Mr. Michael Sawyer requesting the consideration of whether the CGL project is properly within the federal jurisdiction for regulation. The NEB panel that is considering the CGL jurisdiction application will hear oral summary arguments on May 2 and 3 in Calgary;

however, a final decision date is not yet scheduled. British Columbia will be arguing for the pipeline to be regulated provincially during these proceedings.

On December 14, 2018, the Supreme Court of British Columbia granted CGL an interim injunction against members of the Unist'ot'en camp where a gate is restricting access across the Morice River Bridge. There is an enforcement order in place providing direction to the RCMP to enforce the terms of the injunction. The enforcement of the temporary injunction order has resulted in an increase in public action opposing the CGL project and LNG development in general. On April 15, 2019 charges were dropped against the 14 protesters that were arrested during the enforcement of the temporary injunction.

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V CONCLUSION:

The Province remains committed to the LNG Canada project and will continue to collaborate with LNG Canada and CGL to implement effective approaches to issues as they arise.

We are committed to fully implementing the natural gas competitiveness framework that was announced a year ago on the timelines committed to in the recently signed OPPA.

There is an opportunity for PETRONAS or other participants of the LNG Canada joint venture to locate their Canadian headquarters in British Columbia to take advantage of the favorable corporate income tax rate enabled by the Natural Gas Tax Credit.

During these times, it is important that companies continue to work with First Nations, including the Office of the Wet'suwet'en, to meet their requirements and commitments.

Appendix: Appendix A - Company Profile

DRAFTED BY:

Alisha Chicoine, Senior Economist

APPROVED BY:

Mark Urwin, Director

Geoff Turner, ED

Garth Thoroughgood, A/ADM

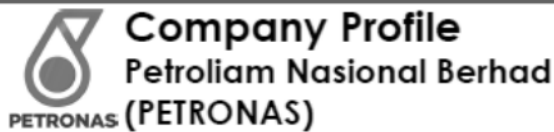
Dave Nikolejsin, DM

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MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES
 OIL AND GAS DIVISION

CORPORATE OVERVIEW

- PETRONAS is a Malaysian oil and gas company wholly owned by the Government of Malaysia, the corporation is vested with the entire oil and gas resources in Malaysia and is entrusted with the responsibility of developing and adding value to these resources.
- Since its incorporation, PETRONAS has grown to be an integrated oil and gas company with business interest in 35 countries.
- The company engaged in a wide spectrum of petroleum activities, including upstream exploration and production of oil and gas to downstream oil refining; marketing and distribution of petroleum products; trading; gas processing and liquefaction; gas transmission pipeline network operations; marketing of LNG; petrochemical manufacturing and marketing; shipping; automotive engineering; and property investment.

FINANCIAL OVERVIEW

Table 1: Select Financials (In Billions, USD)

	2017	2016	2015
Income Statement			
Revenue	55.1	47.1	57.7
Gross Profit	20.6	13.3	16.5
Net Income	11.2	5.4	4.9
Balance Sheet			
Total Assets	147.8	138.8	137.9
Total Liabilities	41.2	41.3	41.0
Cashflow			
CAPEX	11.0	11.6	15.1

LNG STRATEGY

- One of PETRONAS' primary objectives is to secure supply for the Malaysian market, given its role as the country's NOC. The country's gas supply-demand balance became increasingly complicated with demand centres in Peninsular Malaysia requiring more gas as legacy production areas in the country declined.

LNG STRATEGY CONT'D

- PETRONAS completed two liquefaction projects in 2017, making it the third largest supplier in the global LNG market.
- However, the company is tasked with placing its growing supply of uncontracted cargoes, both from new projects and expiring contracts at legacy MLNG plants at a time when competitive LNG supply in the global market is expanding.
- As such, PETRONAS has moved to offer more flexible contract terms and for shorter durations in order to shore up offtakers and attempt to expand to new markets.
- Beyond Malaysia, PETRONAS expanded its portfolio internationally over the last fifteen years in order to ensure supply security for its offtake obligations, part of its initial strategy of aggressively building up its LNG portfolio.

LNG PROJECTS

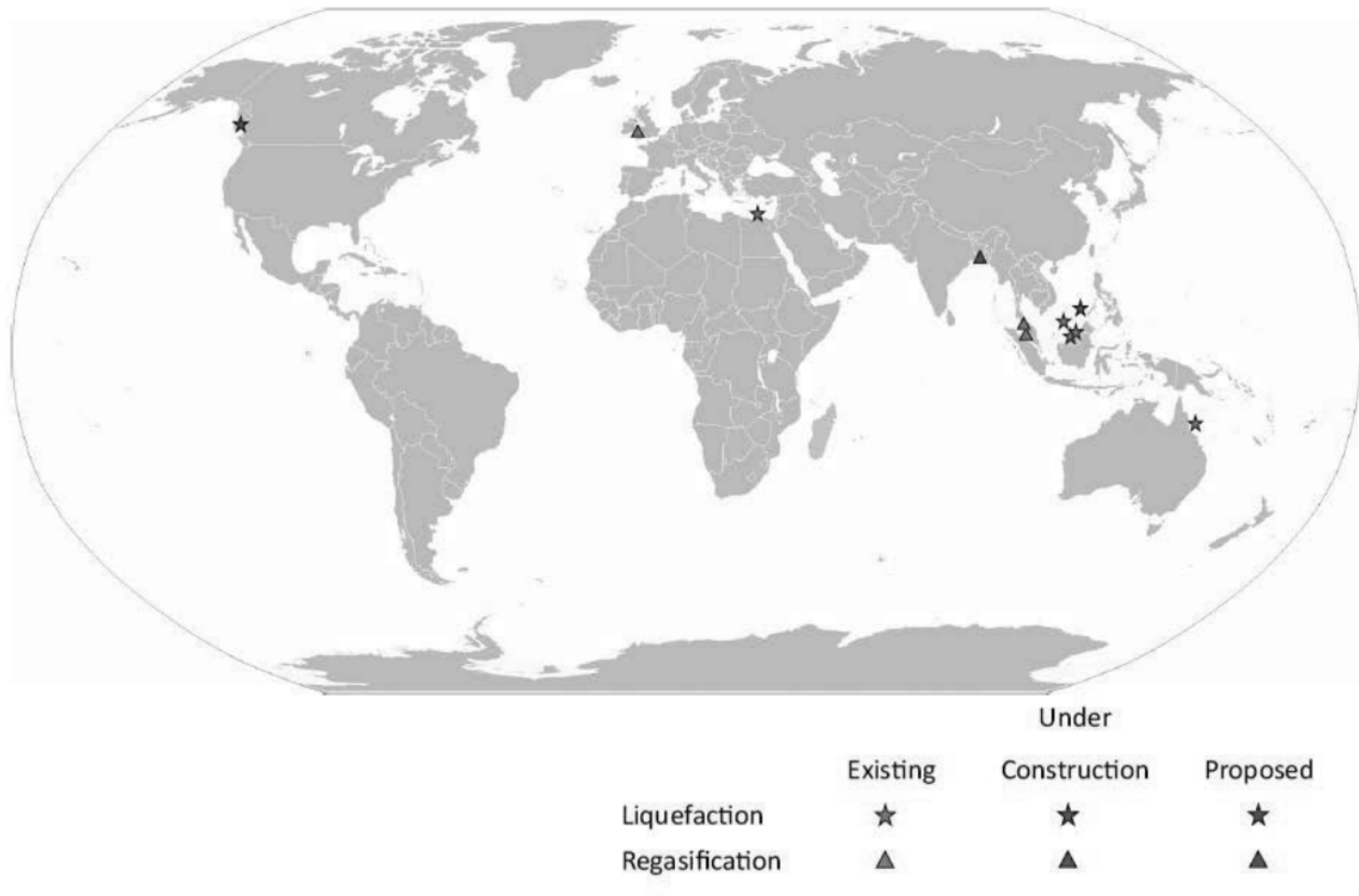
Liquefaction Facilities

Project	Country	Start Date	Equity Stake
Operational			
MLNG Satu T1-3	Malaysia	1983	90%
MLNG Dua T1-3	Malaysia	1995	80%
MLNG Tiga T1-2	Malaysia	2003	60%
ELNG T1-2	Egypt	2005	36% T1 38% T2
GLNG T1-2	Australia	2016	28%
MLNG T9	Malaysia	2017	70%
PFLNG Satu	Malaysia	2017	100%
Under Construction			
PFLNG Dua	Malaysia	2020	100%
LNG Canada	Canada	2023	25%

Regasification Facilities

Project	Country	Start Date	Equity Stake
Operational			
Dragon	UK	2009	50%
Sungai Udang	Malaysia	2013	100%
RGT2 (Pengerang)	Malaysia	2017	65%
Proposed			
Kutubdia LNG	Bangladesh	2019	25%

Global LNG Infrastructure



Ministry of Agriculture
BRIEFING NOTE FOR PREMIER FOR DECISION REGARDING DFO CONSIDERATION OF
CLOSURES RELATING TO CHINOOK SALMON

Ref: 189997

Date: March 22, 2019

Title: Proposed fisheries management approach for Fraser River Chinook conservation.

Issue: A decision is required on the level of provincial participation and comment on DFO's proposed 2019 Chinook Management approach.

Background: In November 2018, the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) released the results for an assessment of 16 southern B.C. Chinook designatable units (DUs). Of these units, 13 DUs originate in the Fraser River with 7 DUs assessed as endangered, 4 threatened and 1 of special concern; Southern Thompson Ocean Summer Chinook were deemed not at risk. For the other 3 DUs outside the Fraser River, 1 DU (East Vancouver Island Stream Spring; Nanaimo River) was assessed as endangered and 2 Southern Mainland DUs were data deficient.

On February 5, 2019, Fisheries and Oceans Canada (DFO) sent a letter to First Nations and stakeholders regarding 2019 Fraser River Chinook conservation measures. The letter communicated DFO's proposed approach for developing fisheries management actions to address conservation concerns for Fraser River Chinook in 2019.

s.13; s.16

In addition to specific chinook conservation management measures, there are also discussions on future management measures for Southern Resident Killer Whales (SRKW) that could impact chinook fishing. While current proposals are in draft form, it is likely that additional closures will occur in the form of marine sanctuaries, expansion or modification of the 2018 finfishing restrictions, or daily closures. SRKW management may lead to cumulative pressures on the fishing and whale-watching industries and coastal communities that may be a tipping point for economic sustainability.

The current actions under consideration follow from 2018 finfishing closures in the Juan de Fuca Strait, Pender Island and Fraser River areas for SRKWs. In July 2018, the Premier sent a letter to DFO Minister LeBlanc outlining the need for careful consideration of socioeconomic implications of those closures, and the need to work closely with the Minister of Agriculture on this issue.

First Nations Considerations: All coastal First Nations and many interior First Nations have a cultural connection with salmon and killer whales and are intimately involved in salmon fisheries, management and habitat restoration. About 31 percent of all commercial fishing jobs (including processing) are held by B.C.'s Indigenous people. First Nations communities provide approximately 20% of the workforce in the aquaculture and fishing sector, substantially higher than the provincial average of 5%. Part of the federal government's rationale for strong restrictions on recreational fishing may be to support taking future action on food/social/ceremonial fishing by First Nations. DFO has indicated that it can only

take action to restrict these First Nation fisheries after they have exhausted all reasonable measures on other fisheries. Similarly closures to protect steelhead may impact First Nations fisheries.

Discussion: Over the last weeks DFO has received a great deal of feedback from First Nations, ENGOs and stakeholders (recreational and commercial), as well as coastal communities, local governments and chambers of commerce on the chinook management scenarios. As of March 6, 2019, DFO received letters from 3768 respondents, broken down as follows:

First Nation	26
Recreational	938
Commercial	2
ENGO	3
ENGO Form Letter	2783
Other: coastal communities / local government / chamber of commerce	16
TOTAL	3768

s.13; s.16

Provincial staff have been participating in DFO's Integrated Fisheries Management Plan (IFMP) process for salmon, the Southern Integrated Harvest Planning Committee (IHPC), the Sport Fishing Advisory Board (SFAB), as well as with the SRKW Prey (Chinook) Availability Technical Working Group.

There is an opportunity for the province to elevate this issue at the Premier or Minister level prior to a final decision by the Minister of Fisheries and Oceans Canada. This would insert the province into a controversial debate between stakeholders but would be in line with the Premier's 2018 letter and demonstrate an active provincial role in fisheries issues following on the recent Wild Salmon Advisory Committee report.

s.13; s.16

John Horgan, Premier

Date Signed

Contact: James Mack, ADM, Agriculture Science and Policy Division, Ministry of Agriculture, 778 698-3290

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s.13 ; s.16

BRIEFING NOTE FOR INFORMATION

DATE: April 25, 2019

PREPARED FOR: Honourable John Horgan, Premier of British Columbia

ISSUE: BC Timber Sales cut-blocks in Port Renfrew area and the protect old growth campaign

BACKGROUND:

- BC Timber Sales (BCTS) has a timber sale licence (TSL) in the Parkinson Creek area that is currently advertised. The TSL is in proximity to Port Renfrew (see Attachments 1 and 2) and the Juan de Fuca Provincial Park, and within the consultative boundaries of Pacheedaht First Nation.
- The TSL is comprised of 7 cut-blocks totaling 109.2 hectares. The timber profile is old growth cedar-hemlock forest with a timber volume estimate of 55,347 cubic metres.
- This BCTS operating area is situated within an Enhanced Forestry Zone under the Vancouver Island Land Use Plan (VILUP) Higher Level Plan Order.
- On February 27, 2019, the environmental non-government organizations (ENGO) community first approached BCTS for information concerning the TSL after viewing the publically posted BCTS sales schedule. Since then, there has been a steady escalation of media releases by the ENGOs voicing concern with old growth harvesting, in particular by the Province's BCTS program.
- ENGOs assert that local eco-tourism will be affected by this TSL and that BCTS harvesting plans fail to protect legacy trees.
- This is an escalation to the current and ongoing ENGO campaign targeting old growth harvesting by BCTS in their Nahmint and Schmidt Creek operations. The ENGOs maintain that BCTS old growth harvesting is contrary to the government's commitment to make forest conservation a priority.
- To date, Pacheedaht First Nation has not contacted BCTS with concerns regarding this TSL.
- Development of this TSL was referred to BC Parks Service in April of 2017, and the pending sale of this TSL was again referred to BC Parks Service in March 2019 prior to advertising. No concerns were raised.

DISCUSSION:

The TSL was first referred to the Pacheedaht First Nation in 2017, with field work occurring in 2017 and 2018. An archaeological impact assessment has been completed for this TSL by an accredited archaeologist with the participation of the Pacheedaht First Nation and identified archaeological values have been protected.

A variety of environmental assessments were completed such as stream and fish habitat, species at risk, and bear den assessments. No red or blue listed plant communities were identified during the layout, and no legacy trees were identified within these blocks by BCTS. The largest recorded red cedar tree was 235 cms; however, 4 large cultural cedar trees were identified and will be retained within and adjacent to the TSL boundary. With the recent assertion by the ENGOs that legacy trees have not been protected, the advertising period for the TSL has been extended for two weeks to enable BCTS to investigate this claim. The tender opening which was scheduled for April 26, 2019 has now been postponed to May 10, 2019. BCTS will reach out to the ENGOs for information regarding legacy trees claimed to have been discovered in the area.

During this extended advertising window, BCTS will investigate whether there are local eco-tourism operations that utilize forested areas in the vicinity of the TSL and determine if there are harvesting restrictions that need to be considered. No evidence of eco-tourism operations were observed within the TSL during its development.

The designation of this BCTS operating area as an Enhanced Forestry Zone represents the balance struck in the VILUP between the creation of the Juan de Fuca Park, Special Management Zones, and forestry interests. The VILUP underwent extensive public consultation and considered tourism and recreation.

The development of the TSL is part of the BCTS process of fulfilling its mandate to provide credible representative price and cost benchmark data for the Market Pricing System, including the harvesting of old growth timber profile.

MINISTRY RESPONSE:

- This government values the economic contributions of recreation, tourism and forestry across Vancouver Island - all are an important source of jobs and revenue.
- Old growth protection is occurring throughout Vancouver Island across an extensive parks system, wildlife habitat areas, ungulate winter ranges, ecological and riparian reserves, old growth management areas and legislated reserve requirements within each cut-block.
- BCTS has extended the advertising period of the TSL to review recent concerns expressed around legacy trees and potential impacts to local eco-tourism operations.
- The ministry is working on a new old growth strategy and will be having further discussions with stakeholders. Immediately ending old growth harvesting would affect people and communities – over 24,000 people are employed in the coastal forest sector.
- At the recent Association of Vancouver Island & Coastal Communities Local Government Association Annual General Meeting, the City of Victoria was required to rescind its resolution calling for increased protection of old growth forests on Vancouver Island in response to concerns expressed by communities on northern Vancouver Island that rely on forestry.

Attachments (2):
1. TSL A95483 overview location map
2. TSL A95483 detailed location map

PREPARED BY:

Norm Kempe
Operations Manager
BC Timber Sales
Ministry of Forests, Lands, Natural Resource
Operations and Rural Development
(250) 286-9359

REVIEWED BY:

	Initials	Date
DM		
Associate DM		
DMO		
ADM	CS	April 25, 2019
Exec Director	RL	April 25, 2019
A/RED	JC	April 25, 2019
BCTS	NK	April 24, 2019



BCTS

BC Timber Sales

Strait of Georgia

OVERVIEW LOCATION MAP

TENURE: TSL A95483

Location: Parkinson

Cutblocks C059C3HV

Drawn by: A. Firth, ADGIS

Revised by:

Date: 31 Jul 2019

Version: 2.1.0

Map 1 of 1

Template:

A95483_map_i1_Overview_Location_C3HV.mxd



1:350,000

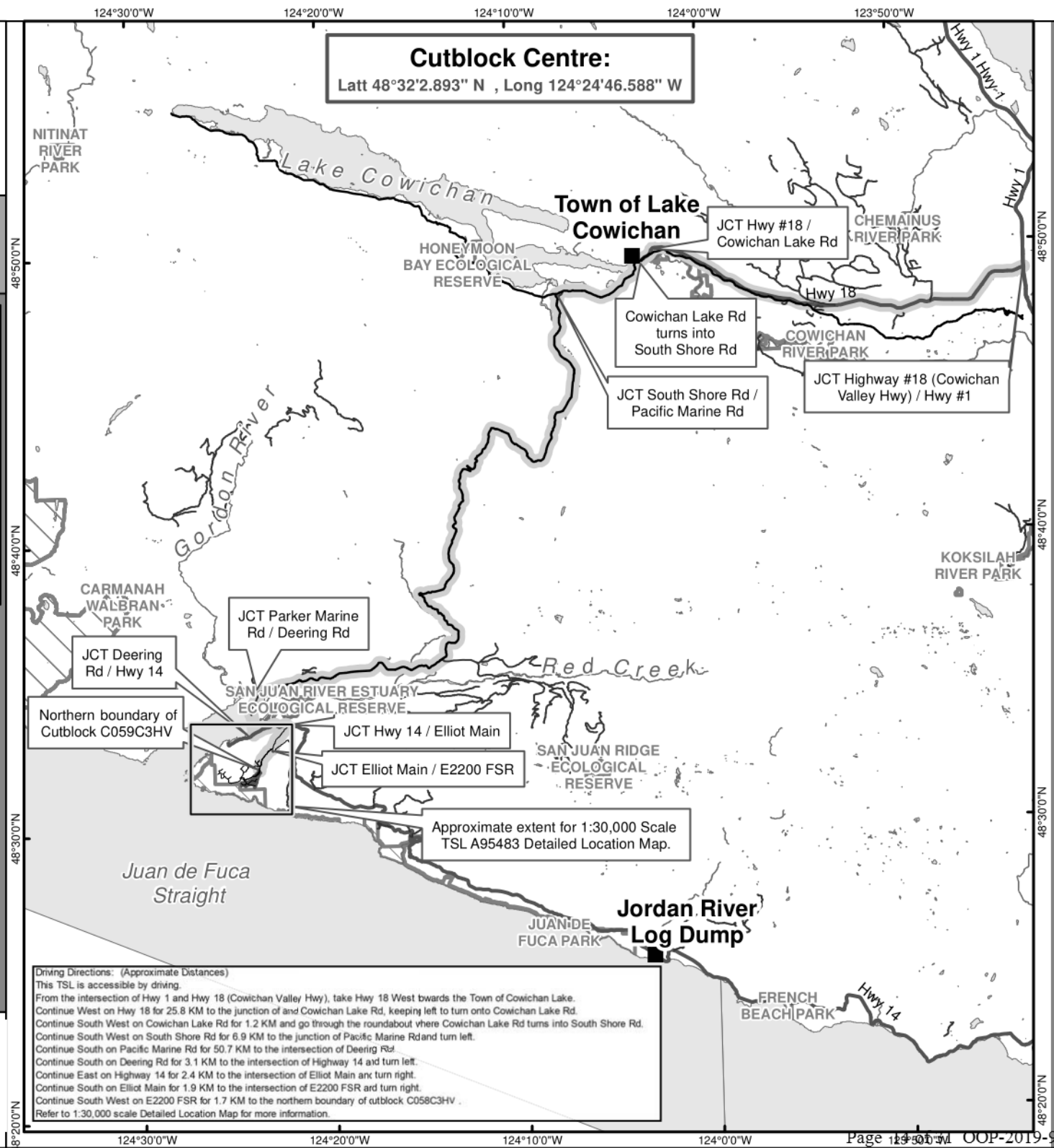
Projection: BC Albers
Datum: NAD83



Map Specific Legend Items:

- Proposed Cutblock
- Cutblock Road
- Road
- Highway
- Route Highlighter
- Waterbody
- BC Parks, Ecological Reserves, and Protected Areas

SILVACARE Inc.
GIS, GPS, Mapping and Visual Analysis Services





BCTS

BC Timber Sales

Strait of Georgia

DETAILED LOCATION MAP

TSL A95483
CUTBLOCK: C059C3HV

VERSION: 2.1.0

MAP 1 OF 1

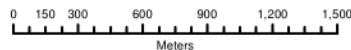
Location: Parkinson
Mapsheet: 92C.58
Declination: 16° 48.30' East
Timber Mark: A95/483
TSA: Arrowsmith TSA
FDU: N/A
Resource District: South Island District
Inventory Region: Coast Forest Region
F.I.Z.: B
PSYU:TFL 46 ; SCN# 457
Supply Block:
Forest Cover: Mature
Drawn By: A. Firth, ADGIS



1:35,000

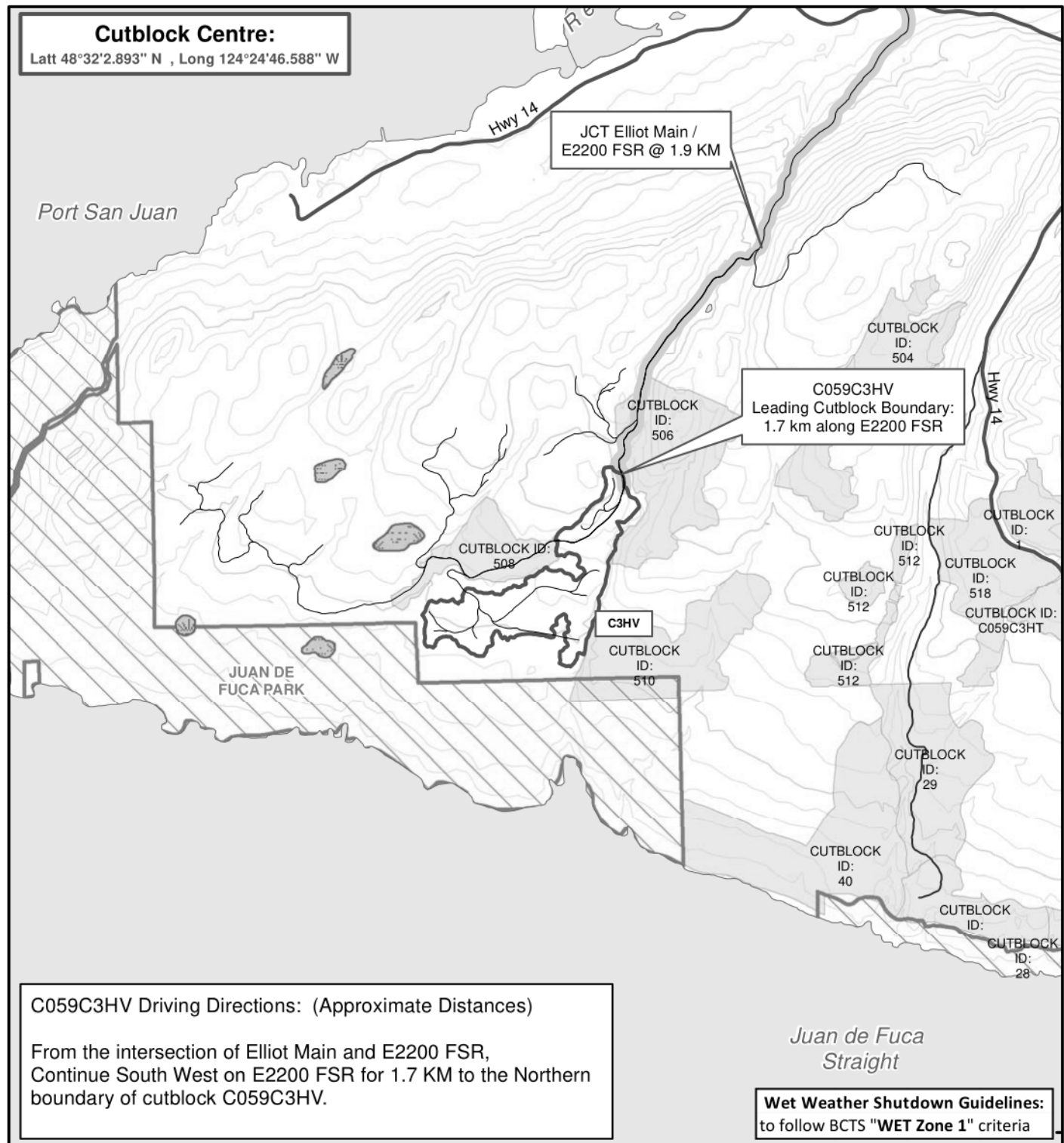
Projection: BC Albers
Datum: NAD83

Date: 31 Jul 2019
A95483_map_i2_Detailed_Location_C3HV.mxd



Map Specific Legend Items:

- Proposed Cutblock
- Mainline Road
- Forestry Road
- Highway
- Watercourse
- BC Park
- Contour: 20m intermediate
- Contour: 100m Index
- RESULTS Opening



C059C3HV Driving Directions: (Approximate Distances)

From the intersection of Elliot Main and E2200 FSR,
Continue South West on E2200 FSR for 1.7 KM to the Northern
boundary of cutblock C059C3HV.

Juan de Fuca
Straight

Wet Weather Shutdown Guidelines:
to follow BCTS "WET Zone 1" criteria

**MINISTRY OF ENVIRONMENT
AND CLIMATE CHANGE STRATEGY
INFORMATION NOTE**

March 25, 2019

File: 280-20

CLIFF/eApprovals #: 343276/13889

PREPARED FOR: Honourable John Horgan, Premier of British Columbia

ISSUE: Update on the Victoria Wastewater Treatment construction program

BACKGROUND:

The Capital Regional District (CRD) Wastewater Treatment project began construction activities in the spring of 2017 at the site of the new McLoughlin Point Wastewater Treatment Plant. The new wastewater treatment system is expected to be fully operational by December 31, 2020, in accordance with provincial and federal requirements. A project overview map is provided in appendix 2.

The major project construction components are on track and are expected to be completed by the fall of 2020. The table below provides additional detail about construction timelines for the major project components.

Major Project Construction Components	Date Started	Timeline for Completion
McLoughlin Point Treatment Plant and outfall to the Strait of Juan de Fuca	Spring 2017	Fall 2020
Macaulay Point pump station and forcemain to McLoughlin Point	March 2018	Summer 2020
Sludge/residual pipeline from McLoughlin Point to Hartland Landfill	February 2019	Spring 2020
Residual Treatment Facility at Hartland Landfill	February 2018	Fall 2020
Clover Point pump station and Dallas Road forcemain to McLoughlin Point	October 2018	Summer 2019

The project is expected to cost \$765M, funded by the CRD (\$306 million), British Columbia (\$248 million), and the federal government (\$211 million). The CRD is responsible for any additional costs.

The project is still considered to be on budget. However, as reported in media in January 2019, and confirmed to ENV by CRD staff, there are cost pressures on certain aspects of the project, primarily as a result of escalation in the Vancouver Island construction market. The CRD is evaluating options to keep project on budget. An update will be provided to the Project Board on April 12th on this topic.

CRD project staff also report that the CRD continues to invest significant efforts in communications and engagement and has built good relationships with the Project's many stakeholders, including federal, provincial and local governments and First Nations, as well as local businesses and residents. Construction has and will continue to cause localized traffic and noise impacts to CRD residents. Detailed neighbourhood and street level construction updates and notices are available to the public on the [CRD project webpage](#).

Provincial waste-discharge authorization processes under the *Environmental Management Act* are occurring concurrent with construction activities and are on-track for completion well in advance of the December 2020 deadline for project completion. Attached are a map of the project and the project dashboard indicating progress on construction.

The Ministry of Municipal Affairs and Housing (MAH) is leading the provincial contribution in collaboration with Infrastructure Canada. MAH and the CRD project team keep in close contact as the project unfolds. MAH

has been in discussions with the CRD about the cost increases and are working toward mitigative measures to ensure the project will meet its originally approved scope, schedule and budget.

SUMMARY:

CRD appears to be on track to complete the Wastewater Treatment Project in accordance with the December 2020 deadlines. ENV staff remain in close contact with CRD project staff in relation to waste discharge authorization processes that are currently underway. The CRD is actively communicating with residents by way of project updates and detailed construction notices on their website.

Attachments:

1. Key Performance Indicators
2. Project Overview Map

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Reviewed by	Initials	Date
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DMO	KK	Mar 27/19
ADM	DM	Mar 26/19
Dir./Mgr.	AJD	Mar 25/19
Author	BV	Mar 25/19



Table 1- Executive Summary Dashboard

Copyright

Wastewater Treatment Project Overview Map

Copyright



**MINISTRY OF PUBLIC SAFETY AND SOLICITOR GENERAL
EMBC COMMUNITY RECOVERY BRANCH
BRIEFING NOTE**

TO: Jennifer Rice, Parliamentary Secretary for Emergency Preparedness

PURPOSE: FOR INFORMATION - For Parliamentary Secretary Jennifer Rice and Ministerial Assistants Briefing on Tuesday, April 4th, 2019 regarding the City of Grand Forks and Regional District of Kootenay Boundary.

ISSUE: Comprehensive update on the post-2018 flood recovery status of the City of Grand Forks and Regional District of Kootenay Boundary

OVERVIEW:

- The catastrophic impacts of the May 2018 freshet and subsequent flood event on the City of Grand Forks (Grand Forks) and Regional District of Kootenay Boundary (RDKB) has challenged local capacity as well as provincial government capacity and programming.
- The Province continues to work closely with Grand Forks and the RDKB Boundary Flood Recovery (BFR) Team on community-led post-2018 flood recovery solutions.
- While many short-term needs have been met, medium and long-term support will require further assessment and planning, and will raise significant requests for funding from the Province and Canada.
- Public expectations of Provincial support remain high. Over \$19 million in recovery funding (over and above response funding) has been provided by the Province to date, including \$8.7 million of Disaster Financial Assistance (DFA). See Attachment 1 for complete funding details.
- This update summarizes the flood impacts on individuals and the community, then identifies the Provincial Actions to date and the Key Issues and Challenges for each of the following sectors:
 - Housing
 - Health, Wellness and Social Supports
 - Flood Hazard Assessment, Mitigation and Adaptation
 - Business and Economic Recovery
- The Provincial cross-ministry recovery team is primarily focused on exploring funding solutions for recovery needs, preparing for mitigation and disaster risk reduction, and continuing to be actively engaged in collaborative discussions with multiple stakeholders on future options for Grand Forks and RDKB recovery and resilience.
- Recovery achievements have included the implementation of a new emergency housing program, a novel case-management approach to health and wellness, substantial in-stream mitigative works, and funding support for small business.

- The recovery work in Grand Forks is informing the development of a Provincial Recovery Framework which will guide recovery from 2017 and 2018 disasters, as well as future events.

1. Summary of Flood Impacts (Attachment 2 outlines 2019 freshet risks):

- On May 10, 2018, the Kettle and Granby Rivers experienced historic level stream flows due to rapid melting of an especially high snowpack; the rivers overtook dikes and undermined riverbanks causing catastrophic damage in and around the City of Grand Forks.
- The 2018 flood event impacted a community already struggling with significant socio-economic issues and an affordable housing shortage, with flood waters affecting the neighbourhoods of Johnson's Flats, South and North Ruckle, downtown Grand Forks and the industrial area containing the Interfor Sawmill and the Roxul Insulation Factory.
- Over 400 homes and 100 businesses were severely damaged, resulting in infrastructure, social, environmental and economic impacts. Many homes had high levels of contaminated water for an extended period of time, requiring major restoration up to eight feet above ground for mold and structural issues.
- Other structures were compromised through rapid land erosion, either falling over at the time, or remaining at risk to do so. Businesses in the downtown core experienced lower levels of water but required extensive repairs to structures and suffered losses of equipment, inventory and income. Businesses outside the downtown core, such as agricultural producers and campground operators suffered land impacts, equipment and income losses.

2. Housing:

Provincial Actions To Date:

- Immediate housing needs were supported by a pilot project funding initiative jointly developed by EMBC and the Canadian Red Cross (CRC). The Household Emergency Assistance Program (HEAP) played a critical role in the transition from Emergency Social Service (ESS) – 72-hour support payments – to an interim support solution for individuals and families.
- The ESS program provided the initial support for individuals for services including lodging, food, clothing and emotional support, but was replaced by HEAP in July 2018.
- HEAP was the first program of its kind to be offered in BC and provides financial support to eligible households, empowering them to make decisions that best support their family's recovery plan.
- In addition to HEAP, the Province also supported residents with interim commercial lodging under the *Emergency Program Act* (EPA) by leveraging the availability of local hotels and motels.
- A final extension for HEAP, commercial lodging, and related consumables for up to 90 days ending June 30, 2019 was approved by the Honorable Mike Farnworth on March 19, 2019 (see Attachment 3 for draft issues note).

- BC Housing has been involved since the initiation of emergency response and continues to support the community in recovery. The community has a population of individuals who were homeless pre-flood, but it has since been confirmed that none of the flood evacuees are sleeping in vehicles.
- BC Housing is expediting two affordable housing projects that were in the planning stages with the intent to alleviate the current community pressures on housing that were worsened by the flood.
- One affordable family housing project and one housing-with-high-supports project are in addition to a women's six bed transition house and three Habitat for Humanity units (a house and duplex that are completed and occupied).
- The transition house was completed in December 2018. Construction on the 34 unit supportive housing and 52 family unit project is expected to begin in the spring, with an anticipated completion in summer 2019, and fall 2019 respectively.

Key Issues and Challenges:

- On September 4, 2018, Grand Forks endorsed the Don Dobson Hydrology Report which recommends some or all of the Johnson's Flats, South and North Ruckle neighbourhoods be rezoned as non-residential to allow these areas to return to natural flood plain.
- This preferred option will impact 100-120 homes and require an interim housing solution that necessitates a significant financial contribution from other levels of government.
- A Disaster Mitigation and Adaptation Fund (DMAF) application has been submitted by Grand Forks in support of 120 homes that will be rezoned non-residential and the areas returned to natural floodplains. The estimated total cost is \$50.0 million, with \$20 million requested from Canada and the remainder from the Province (\$29 million) and the City of Grand Forks (\$1 million). A decision is expected from Canada in April or May 2019. As a contingency for reduced federal funding or no federal funding, the Province is developing a Treasury Board Submission requesting up to the full amount.

3. Health, Wellness and Social Supports:

Provincial Actions To Date:

- Health Emergency Management BC (HEMBC) has been leading a Mental Health, Wellness and Unmet Needs working group (a collaboration of provincial and community agencies and NGOs), and continues to meet bi-weekly to provide status reports and discuss needs of the community in response to 2018 freshet flooding.
- In support of HEMBC and their local partner, Boundary Family Services, the province has provided funding for four case managers who have been hired by the community. The case managers currently have approximately 500+ case files for residents with complex needs and require additional support.

- The HEMBC Recovery Mobile Response Team Managers met with local mental health support staff regarding the opioid overdose increase and provided a much-needed mental health and wellness debriefing for city and regional district staff. A follow-up session was provided for staff and the case managers in February.
- HEMBC's Disaster Psychosocial Program facilitated a Psychological First Aid training session in December for front-line staff in Grand Forks. HEMBC held additional Wellness Workshops for the public and provided mental health first aid courses in March with further courses scheduled for April.

4. Flood Hazard Assessment, Mitigation and Adaptation:

Provincial Actions To Date:

- Grand Forks has repaired dikes damaged in Freshet 2018 to their pre-flood condition and increased their infrastructure (pumps, etc.) in anticipation of the 2019 snow melt.
- Grand Forks Flood Hazard Assessment and Mapping is in the final stages, and construction has started on South Ruckle bank armouring to protect the main water line.
- The Province (through EMBC) has provided the RDKB funding (\$100,000) to support property owners in the Section 11 application process, including providing funding for archeological assessments and the assistance of a qualified professional.
- 600 hectares of Agriculture Land Reserve (ALR) land requires mitigation to protect from flood damage, and hazard assessment mapping funded through existing provincial programming.

Key Issues and Challenges:

- Community concern remains high over freshet risks for 2019. Many private property owners are contemplating undertaking in-stream works to mitigate further damage. These works require approvals under Section 11 of the *Water Stewardship Act*. Financial and dedicated staff resources have been provided to expedite this approval process.
- In addition to funding the housing relocation, the DMAF application also proposes to fund many of the mitigation measures required for long-term recovery. These includes acquiring high risk properties through a buy-out mechanism, stabilizing the Kettle River riverbank, dike protection for critical infrastructure and industry, managing storm water and flood drainage in the downtown core, and returning portions of neighbourhoods to natural flood plains.

5. Business and Economic Recovery:

Provincial Actions To Date:

- The CRC-administered Support for Small Business program received 195 applications, with payments to individual businesses of up to \$20,000 each.

- The average pay-out has been \$12,000, based on the 56 processed applications. The program was supported by a \$2.9 million grant from the Province. The intake for the program closed March 15, 2019, following a two-week extension to meet local business needs.
- The BC Economic Development Association, through funding provided by the Province, completed economic impact assessments and recommendations focused on understanding the business impacts of the floods and planning for recovery. Initial economic loss was estimated at \$26 million, with an additional \$12 million of subsequent loss. A key recommendation is to provide direct support for small businesses.
 - The Province continues to work closely with the RDKB Economic Recovery Team, Community Futures, Downtown Business Association and the Chamber of Commerce to refine their request for funding to assist economic recovery. Successes include Rural Dividend Fund approvals of \$360,000 to Grand Forks for marketing related projects, and \$395,000 to Community Futures Boundary for economic development and plans for a gathering place.

Key Issues and Challenges:

- There are an estimated \$12 million in damages to a variety of operations in the agriculture sector, which is a key pillar of the Grand Forks regional economy.
- The affected agriculture businesses do not qualify for Disaster Financial Assistance (DFA), the CRC-administered Support for Small Business, or the Provincial-Federal cost-shared AgriRecovery program, and many do not have private insurance to cover the extraordinary recovery costs.
- EMBC and the Ministry of Agriculture are working together to develop a decision note related to this policy issue in order to identify the potential implications and precedents of provincial assistance.
- EMBC will work with Treasury Board staff to determine the most-effective way to advance this topic for a funding decision.

SUMMARY:

- The Grand Forks recovery process has highlighted many challenges within current programming, including governance and structure, mandate, funding and long-term community reinvestment.
- Due in part to recommendations from both the local and Provincial teams, these challenges are also becoming achievements with recent advancements such as developing an interim recovery framework, modernization of the *Emergency Program Act* and the recent reorganization of the EMBC to better support recovery and disaster risk reduction.
- Recovery efforts in Grand Forks have also seen the piloting of new support programs such as HEAP, as well as the use of a highly successful “case manager” approach to supporting individuals navigating everything from mental health and wellness to housing solutions and finances.

- Emergency management in BC at all levels will benefit from these approaches during very challenging situations.

OTHER KEY MINISTRIES INVOLVED IN THE RECOVERY (see Attachment 4):

- Ministry of Forests, Lands, Natural Resource Operations and Rural Development
- Ministry of Health
- Ministry of Municipal Affairs and Housing
- Ministry of Jobs, Trade and Technology
- Ministry of Agriculture
- Ministry of Transportation and Infrastructure
- Ministry of Citizen Services
- Ministry of Social Development and Poverty Reduction

Prepared by:

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Attachments (5)

- Attachment 1 Grand Forks Funding
- Attachment 2 Freshet 2019
- Attachment 3 Draft Household Emergency Assistance Program Issues Note
- Attachment 4 Recovery Team Functional Chart
- Attachment 5 Grand Forks Recovery Dashboard

Attachment 1 - Funding

Funding support to date for Grand Forks and area has included both response and recovery costs.

- Response funding is approximately \$11 million, and includes response operations, emergency mitigation (e.g. Tiger dams), and immediate re-entry support.
- To date provincial spending on recovery is: \$19.4 million.
- Further interim funding requested from the province for disaster recovery is: \$560,000.
- Requested provincial funding to support the DMAF/NDMP application: \$30.2 million.
- There are anticipated but unknown recovery costs in the Agriculture and other sectors.

Table 1. Recovery funding provided and requested.

Recovery Category	Provided or Committed	Requested Expenditure	Notes
Housing	\$ 11,750,000.00	\$ 560,000.00	Includes DFA, HEAP, additional shelter supports
Economic	\$ 3,855,000.00	\$ -	Includes CRC Support for small business, Rural Dividend, BCEDA
Health	\$ 467,000.00	\$ -	Includes mental health support, Case Managers
Environment	\$ 2,457,000.00	\$ -	Includes DMAF application technical support, armouring, planning
Operations	\$ 889,000.00	\$ -	Includes funding for recovery staff
DMAF/NDMP*	\$ -	\$ 30,200,000.00	
Total	\$ 19,418,000.00	\$ 30,760,000.00	

The DMAF application as submitted by the City of Grand Forks is based on funding support as follows: City of Grand Forks -- \$1 million, Government of Canada -- \$19.988 million (approved), and Province of British Columbia -- \$28.975 million. A Treasury Board Submission is being developed that will account for the provincial portion as of the DMAF application as well as the residual value of the Federally denied NDMP application (\$1.3 million).

s.13; s.17

Attachment 2: Freshet 2019

SUMMARY:

- Flood protection that was destroyed in Freshet 2018 has been repaired.
- 2019 snowpack data alone does not suggest Grand Forks and the Regional District Kootenay Boundary is at risk of flooding but weather changes play a key role in flooding.
- 2018 Snowpack was 136 per cent of normal as of February 1, (this is well-above normal) and combined with heavy rainfall created flood conditions for Grand Forks and RDKB. Snowpack on May 1 was 238 per cent of normal.
- **2019 Snowpack is 65 per cent of normal as of April 1 (this is well below 2018 levels).**

The FLNRORD River Forecast Centre does not anticipate a flood but changes in weather play a key role in flooding.

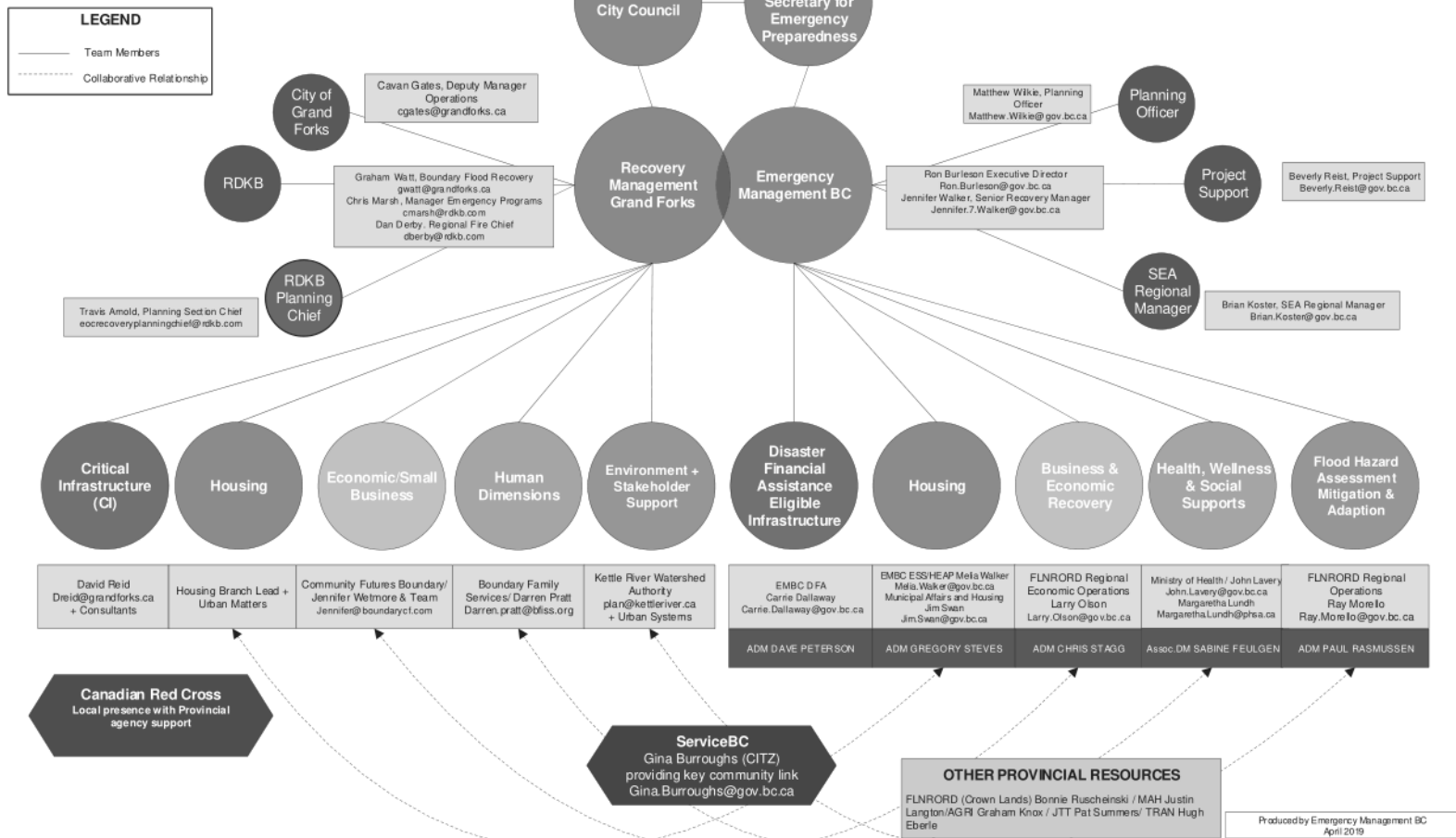
BACKGROUND:

- The city of Grand Forks has repaired the dikes damaged in Freshet 2018 to their pre-freshet condition. In several locations they are below the Flood Construction Level (FCL) which is the observable or calculated level of a designated flood. In this case Grand Forks used the 1992 flood level.
- The dikes have been inspected as required by the *Dike Maintenance Act*.
- Flood Hazard Assessment and Mapping is in the final stages and will support future dike design and location.
- The City of Grand Forks has begun construction armouring the South Ruckle stream bank, to protect the main water line infrastructure.
- The City of Grand Forks holds, updates, and will use, the engineered emergency flood protection plan deployed in 2018 as the long term flood protection is built.
- Grand Forks and the RDKB are focused on 2019 flood response while 2018 recovery continues. Regional Seasonal Hazard Preparedness Workshops are underway in Castlegar and Kimberley bringing together response and recovery stakeholders. Grand Forks Recovery is a keynote at these sessions.
- Grand Forks will release a flood response plan for personal preparedness and the business community anchored by a community preparedness week which occurred April 8 to 13, 2019.

GRAND FORKS RECOVERY STRUCTURE

REGIONAL DISTRICT/CITY TEAM

PROVINCIAL CROSS-MINISTRY TEAM





BRITISH
COLUMBIA

COMMUNITY RECOVERY GRAND FORKS UPDATE APRIL 18 2019

PROVINCIAL TEAM	Flood Hazard Assessment, Mitigation & Adaptation	Housing	Business & Economic Recovery	Health, Wellness and Social Support	Disaster Financial Assistance
	<ul style="list-style-type: none"> Boundary snowpack continues to be lower than normal. Water levels are starting to rise as the Boundary streams begin their shift into freshet Preparedness week Section 11 provincial workshop went well 	<ul style="list-style-type: none"> A final extension for HEAP, commercial lodging, and related consumables for 90 days approved by Minister Farnworth. End date June 30, 2019 HEAP issued 20 payments for March totalling \$16,960 	<ul style="list-style-type: none"> Parliament Secretary Rice announced small businesses will be able to apply for part of \$2.9 million in provincial funding through a small business financial grant Consultants have been chosen from the Economic Development strategy, community centre plan and Marketing/Events Coordinator projects 	<ul style="list-style-type: none"> Numerous needs focused workshops held for residents were well attended ; A) 2 mental health workshops provided by registered clinical counsellors B) Financial literacy C) Therapeutic yoga D) Business continuity planning organised by Jennifer Whetmore 	<ul style="list-style-type: none"> 16 Farm and 84 Small Business applications received; 15 of those were eligible applications with a total of \$580K funds distributed (2 Farm, 13 Small Business) 9 remain under review \$8.8million in DFA support paid to private sector for 2018 Freshet. Includes SEA & CTL region with majority from Grand Forks. 659 applications received with 35 cases remaining open
	Environment and Stakeholder Support	Housing	Economic/Small Business	Human Dimensions	Critical Infrastructure
DISTRICT AND CITY TEAM	<ul style="list-style-type: none"> Significant erosion concerns identified at 24km on Granby Road, MOTI is addressing, likely post freshet 2019 	<ul style="list-style-type: none"> Housing Now Facilitator program seeking approval from CRC. City of Grand Forks suggested as host Non-profit capacity building program seeking approval from CRC. RDKB suggested as host Two properties taken off evacuation order due to the South Ruckle armouring project. 7 properties remain on evacuation order. 	<ul style="list-style-type: none"> Community Futures continuing liaising with businesses on flood mitigation options and impacts Community Futures letter received by Provincial Community Recovery, Ron Burleson asking to reconsider providing assistance to the agri. sector 	<ul style="list-style-type: none"> Recovery Team and Case Managers dedicated hours of work to organise community recovery and readiness events April 12th & April 13th Case workers developing individual recovery plans for residents in need Pre-planning for transitional supports for residents 	<ul style="list-style-type: none"> No new updates
	Environment	Housing	Economy	People and Communities	Infrastructure and Reconstruction
NGO & OTHER	<ul style="list-style-type: none"> No new updates 	<ul style="list-style-type: none"> 34 Units Supportive Housing Fund—currently out for Tender. Construction planned for Summer 2019, with anticipated completion Spring 2020 52 Family Units under the Community Housing Fund—Tender prices received. Likely under construction on site this spring, with anticipated completion in Fall 2019 	<ul style="list-style-type: none"> Canadian Red Cross is administering the small business applications. To date, 195 applications have been received with 56 paid to date 	<ul style="list-style-type: none"> Mennonite Disaster Services (MDS) will be repairing and rebuilding homes for people who are considered in high need based on health, age, disability or finances. MDS will need 15-20 volunteers from May to at least the end of August. Information found at the BFR website 	<ul style="list-style-type: none"> No new updates
	PLANNED ACTIVITIES				
	MARCH	APRIL	MAY	JUNE	
	March 26—Community Meeting to discuss 2019 Flood Response and the National Disaster Mitigation Program March 28 & 29 - CMHA Mental Health First Aid course	April 4 & 5—CMHA Mental Health First Aid Course April 8-13— Grand Forks FRESHET Recognition and Preparedness Week. Main events Friday and Saturday. Schedule available on the BFR website Friday, April 5 April 30—Community Meeting	1 YEAR ANNIVERSARY OF FLOOD May 22— Grand Forks CRC Event	June 30— HEAP, commercial lodging and related consumables final extension ends	

20190418_Grand Forks_Community Recovery Provincial Dashboard

Produced by Emergency Management BC

BRIEFING NOTE

BC Wildlife Federation 63rd Annual General Meeting and Convention

Briefing Note

What:

Invitation to BC Wildlife Federation (BCWF) 63rd Annual General Meeting (AGM) and Convention, May 8 to 11, 2019, Fort St. John, B.C.

Who:

Attendees will include First Nations, non-profit organizations, and academics and: BCWF board members and President, Harvey Andrusak; Dr. Andrew Weaver, B.C. Green Party; B.C. Liberal Party: Andrew Wilkinson and Mike Morris, MLA.

Executive Summary:

BCWF is B.C.'s leading province-wide, volunteer-driven conservation organization with over 42,000 members including hunters, anglers, and conservationists. Their interests typically align with the resident hunter community.

The BCWF focuses on a range of issues including: preserving resident hunter opportunity and guiding priority, and protecting and restoring wildlife habitat.

This year's BCWF AGM has a main theme of "predator-prey" dynamics. The issue of increased predator pressure on popular big game species is of growing interest to the BCWF, both in terms of direct predator impacts and how landscape changes through human activity and climate change impact those dynamics. The issue was also referenced multiple times in recent Estimates questions in the legislature on the subject of wildlife.

Background:

Historically predator management was actively done in B.C., principally through the use of poison on wolf populations or bounties, this ended in the fifties and sixties. Presently, there are several areas that continue to have permissive

predator hunting regulations to help achieve wildlife management objectives, particularly wolf hunting regulations in areas with threatened species (caribou) or where livestock conflict occurs. Additionally, direct wolf removal via aerial shooting is used in support of select mountain caribou herds in the Peace region. A similar program is being considered for the Cariboo region.

B.C. is among the few jurisdictions in North America that has many intact, multi-predator multi-prey systems. While current ministry policy is to not manage predators solely for recreational hunting opportunity, recent declines in several species of ungulates have re-opened interest in predator management among some hunters. Managing for Indigenous hunting rights may lead to measured predator management programs, and this is currently under consideration by the program. The management of predator-prey systems is complex and requires science-based information to support management decisions. The high cost of managing predators means it can be applied sparingly, typically to address threatened species recovery or conflict with human activity.

Currently, the *Wildlife Act*, and attendant policy describe how the Province can work with stakeholders and First Nations to manage the impacts of predators on livestock and protect endangered species in B.C. These actions are consistent with the B.C. wolf management plan's goal to ensure a self-sustaining wolf population that fulfils its ecological role and meets the cultural, recreational, and economic needs of society throughout the species' range. Predator management actions on cougar are also being considered to assist in mountain caribou recovery.

Recommendations:

The ministry is committed to working with stakeholders and First Nations to manage complex predator-prey systems. Current initiatives include the improving wildlife management and habitat conservation initiative, *Forest Range and Practices Act* legislative changes, and land use planning reform to better incorporate wildlife values. Habitat management that has a positive impact on predator-prey dynamics is likely the issue that all wildlife stakeholder groups and governments can agree and act on.