

Crockett, Janine EMLI:EX

From: Forman, Ryan EMPR:EX
Sent: March 16, 2020 4:40 PM
To: Nikolejsin, Dave EMPR:EX; Mah-Paulson, May EMPR:EX; Robb, Peter L. EMPR:EX; Carr, Michelle EMPR:EX; MacLaren, Les EMPR:EX; Perrins, Greg EMPR:EX
Cc: Cochrane, Marlene EMPR:EX
Subject: EMPR March 16: COVID 19 Economic Impacts and Financial Asks
Attachments: EMPR- COVID Stakeholder request list and economic impacts MAR 16 4pm.docx

Confidential

Attached are the highlights from today for Finance. Thanks to all of your EDs help with this. Notable will be a submission from Teck and MABC (separate) that we should receive tomorrow on their views wrt impacts to mining.

This is recent as of 4pm

Finance didn't ask for this beyond Monday. Dave, would you like this produced daily? Thanks

Ryan

From: Forman, Ryan EMPR:EX
Sent: March 13, 2020 4:40 PM
To: Nikolejsin, Dave EMPR:EX <Dave.Nikolejsin@gov.bc.ca>
Cc: Cochrane, Marlene EMPR:EX <Marlene.Cochrane@gov.bc.ca>; Coley, Simon J EMPR:EX <Simon.Coley@gov.bc.ca>; Mah-Paulson, May EMPR:EX <May.Mah-Paulson@gov.bc.ca>; Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>; Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>; MacLaren, Les EMPR:EX <Les.MacLaren@gov.bc.ca>; Perrins, Greg EMPR:EX <Greg.Perrins@gov.bc.ca>
Subject: EMPR March 13: COVID 19 Economic Impacts and Financial Asks

Dave,

As requested. Included notable economic impacts in this document. We have not received any formal requests for financial assistance to date. Outside of BCH announcement today. As this pandemic spreads it will be important to track impacts to operators and markets.

ADMs, I have spoken with your EDs and they are aware of what I have included. I will reconnect with them and yourselves Monday. If this becomes a daily item I may hold regular stand-ups with a small group.

Thanks,

Ryan



Ryan Forman
Executive Director, Strategic Initiatives Branch
Ministry of Energy, Mines and Petroleum Resources
Office: 778 698-7248
Cell: 250 213-2774

Stakeholder Request*	
	High level summary: How is the stakeholder affected:
	•
New Key Developments	
Oil and Gas demand and price supply shock.	<ul style="list-style-type: none"> Oil prices fell below US\$30/bbl on Monday March 16 as the worldwide COVID-19 outbreak worsened over the weekend ARC Resources Ltd. 2020 capital budget has been reduced from \$500 million to no more than \$300 million, and ARC has reduced its monthly dividend from five cents/share to two cents/share. Ovintiv Inc. announced plans to immediately reduce second quarter 2020 capital investments by \$300 million and full year cash costs by \$100 million. <ul style="list-style-type: none"> Ovintiv is immediately dropping 10 operated drilling rigs and plans to drop an additional six operated rigs in May 2020. Following these rig count reductions, Ovintiv will have three operated rigs in the Permian, two in the Anadarko and two in the Montney.
Mining	<ul style="list-style-type: none"> Teck is working to put together information on impacts of COVID-19 for governments/associations. Will likely receive tomorrow (March 17). MABC is working on an information document for government. Will likely receive tomorrow (March 17). Teck operations are still at 100% in the Elk Valley
BC Hydro	<ul style="list-style-type: none"> From a financial perspective, BC Hydro does not currently expect operational challenges (e.g. access to cash, Accounts Payable, billing etc.) More detailed analysis indicates that regulatory account balances will be higher s.13 but that impact on customer bills is currently expected to be immaterial. If a recession results from the COVID-19 pandemic, however, this position could change.
Industry operations	<ul style="list-style-type: none"> Ottawa announces \$10 billion business credit line, plans to roll out stimulus package in response to COVID-19 Most of the money will be directed to small- and medium-sized enterprises
Coastal GasLink	<ul style="list-style-type: none"> All offices are closed, and staff are required to work from home; all non-essential travel is canceled, definition of 'non-essential' is still being determined. A planned reduction of field work staff (from 1,200 last month to 400 in coming days) is related to Spring-break up conditions making field work too challenging (i.e., this is not a response to COVID-19). Where work is carrying on CGL is relying as much as possible on local individuals to reduce travel needs.
LNG Canada	<ul style="list-style-type: none"> Travel btw LNG C site and other regional/international locations is heavily restricted and, in most cases, suspended.

COVID-19 Update Template – Stakeholder Requests and New Key Developments

Ministry: Ministry of Energy, Mines and Petroleum Resources

	<ul style="list-style-type: none">• Rotations of workers (mostly from BC and Canada) at site is continuing subject to Government of Canada health notices.• Heavy focus on preventing the spread of infection at site (e.g., hygiene, self-isolation if symptoms are present, education, constant monitoring of situation).
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* If a stakeholder has multiple requests, each request should be its own row.

Crockett, Janine EMLI:EX

From: Carr, Michelle EMPR:EX
Sent: March 23, 2020 5:26 PM
To: Robb, Peter L. EMPR:EX; Nikolejsin, Dave EMPR:EX; MacLaren, Les EMPR:EX
Subject: RE: WORK CAMP messaging/wording....FW: Construction Projects

CGL info is below.

I've included the link to their public statement of March 16 and bullets developed as of yesterday for a meeting with the District of Kitimat (internal use).

They would find it helpful to hear what others are doing, **s.13**
s.13

March 16 update: <https://www.coastalgaslink.com/whats-new/news-stories/2020/measures-to-manage-covid-19-on-the-coastal-gaslink-project/>

March 22 bullets for DOK:

- Our workforce in the Kitimat area has been trimmed to ~100 workers (down from 274 in February). We are maintaining use of local workers, and we have stopped all fly-in-fly-out shifts.
- No new workers are being introduced and all, and our current work force has been in Kitimat for at least two weeks. We are no longer rotating workers in and out of the Kitimat area. Strict travel restrictions are in place.
- As of the afternoon of March 19th, Coastal GasLink and MSJV have made the decision to pull the remaining ~100-person workforce from Sitka Lodge entirely, in further efforts to safeguard our workers and ensure that there is less opportunity for group gatherings of 50 or more.
- Both JFJV/LNG Canada, and MSJV/CGL workers have been staying at Sitka Lodge. **s.13**
s.13

s.13 We communicate provincial/federal updates to our workforce daily to make sure we are following orders and guidelines, especially in regards to social distancing and hygiene.

- Like any major project, Coastal GasLink makes its decisions based on risk. This pandemic is an unprecedented risk to mitigate. Our health and safety experts believe that removing workers from Sitka Lodge is lower risk to the community and our workers because they are not exposed to new entrants into the region. **s.13**
s.13
- To enable our workers to practice further social distancing, we are temporarily providing LOA for workers to stay in their own trailers, hotel rooms, or their home/rental accommodations. LOA and meal allowances will be paid to some individuals to source their accommodations, but it is on a case by case basis.

- Over 50% (53) of these workers are locals already living in the area and are back in their own homes. As a result, they are not getting LOA or meals. Over 20%(25 exactly) are using local motel accommodations. Individuals are either staying at the Chalet or Mumfords. One individual is at Wild Duck motel. There are 8 homes/apartments that are being used for rental accommodations (20 people exactly) (includes the 5 we've already communicated to the DoK that are being rented for long term needs), as well as 3 individuals using their private trailers. **s.13**
- International SOS personnel continue to lead all medical services for the project. Our workers will still have direct access to Project medics so we are not impacting the local health care system, and are instructed to check in regularly with medics, and report immediately if they feel ill.
- All policies and programs remain in effect and protocols have been put in place to keep track of everyone closely. ISOS has access to the information on where each and every person is staying. ISOS field staff are screening individuals that present flu like symptoms for medical assistance. ISOS staff will identify a location to be used for isolation purposes, if needed. Quarantine protocols follow Northern Health and Provincial guidelines. Coastal GasLink has coordinated with Northern Health on communication procedures in the event someone tests positive for COVID-19.

From: Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>

Sent: March 23, 2020 1:11 PM

To: Nikolejsin, Dave EMPR:EX <Dave.Nikolejsin@gov.bc.ca>; Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>; MacLaren, Les EMPR:EX <Les.MacLaren@gov.bc.ca>

Subject: WORK CAMP messaging/wording....FW: Construction Projects

Importance: High

Folks,

I have started a WG through EMBC on messaging for work camps. Can the two of you send me any wording that has been used by LNG Canada and Site C as I know they have done lots of work.

Thanks in advance...

From: Hughes, Trevor LBR:EX <Trevor.Hughes@gov.bc.ca>

Sent: March 23, 2020 12:41 PM

To: Peterson, Dave EMBC:EX <Dave.Peterson@gov.bc.ca>; Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>; Little, Christine JEDC:EX <Christine.Little@gov.bc.ca>

Subject: FW: Construction Projects

Importance: High

As per discussion just now.

From: Hughes, Trevor LBR:EX

Sent: March 23, 2020 12:34 PM

To: 'Brian Cochrane (Business Manager)' <bcochrane@iuoe115.ca>

Cc: LBR Deputy Ministers Office LBR:EX <LBR.Deputy@gov.bc.ca>; Richter, Kevin J TRAN:EX <Kevin.Richter@gov.bc.ca>; Mihlar, Fazil JEDC:EX <Fazil.Mihlar@gov.bc.ca>

Subject: RE: Construction Projects

Importance: High

Dear Brian Cochrane:

Re: B.C. Construction and Road Building Projects

Thank you for note earlier today on behalf of IUOE Local 115 about construction projects and road building projects. I am writing to let members of B.C.'s construction and roadbuilding industry, including workers and unions, know that within the context of the COVID-19 pandemic, the Ministry of Transportation and Infrastructure (MOTI) plans to continue to advance both existing and new highway construction and engineering within the province. The Ministry of Labour is working together with the MOTI to support this approach.

Public health and worker safety are the top priorities for the B.C. government. MOTI is taking and will continue to take advice and direction from the Ministry of Health, the Provincial Health Officer (PHO) and public health experts. To that end I would also like to draw your attention to the accompanying document developed by PHO, Guidance to construction sites operating during COVID-19.

On March 16, 2020, Dr. Bonnie Henry issued an order under the *Public Health Act* prohibiting the gathering of people in excess of 50 people at a place of where construction or roadbuilding employers are responsible and at which your members may work. While this order does not apply to construction projects and industrial sites as a whole, Dr. Henry is directing employers to take all necessary precautions to minimize the risks of COVID-19 transmission and illness to you and your members. There are a number of practical health and safety measures that employers, unions, and workers can take to achieve this goal. These include but are not limited to: reducing the number of in-person meetings and other gatherings, and where possible holding site meetings outdoors; ensuring that workers are appropriately distanced, both in the course of their duties as well as during breaks; cleaning all common areas and shared surfaces at the end of each day.

Anyone who develops COVID-19 like symptoms such as sore throat, fever, sneezing, or coughing should leave the construction or industrial site and self-isolate at home for 14 days. Information for construction employers is readily available. WorkSafeBC and the BC Construction Safety Alliance have recently published guides for safe work practices for COVID-19 in the construction industry, which can be reviewed online by visiting: www.worksafebc.com/en/about-us/news-events/announcements/2020/March/covid-19-and-the-workplace

The B.C. roadbuilding industry has also issued many bulletins addressing best work practices for COVID-19 and roadbuilding construction. MOTI expects construction contractors to adopt work protocols that reflect evolving, current best practices. We know many new highway construction work practices are being incorporated every day, following Dr. Henry's recommendations frequent hand washing, social distancing and self-monitoring, In addition contractors are sanitizing vehicles and machines before and after shifts, conducting dispatch by text message, rotating shifts and taking work breaks away from lunch rooms.

In this current environment, MOTI is committed to continue to work collaboratively and cooperatively with contractors, unions, and workers while incorporating the best COVID-19 hygiene and health practices in this dynamic and changing circumstance. Our focus is on ensuring a common-sense approach to taking measures to protect the health of our workers and the public, to advance projects in a safe manner and to continue this important work for the provincial transportation network and social and economic health of the province.

MOTI has every confidence the roadbuilding and transportation industry is resilient, and we will work together to continue with vital highway and transportation projects during this challenging period.

Sincerely yours,

Trevor Hughes
Deputy Minister

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Trevor Hughes
Deputy Minister
Ministry of Labour (BC)

Office: (778) 974-2189

Crockett, Janine EMLI:EX

From: Mah-Paulson, May EMPR:EX
Sent: March 29, 2020 4:30 PM
To: Anthony, Jennifer EMPR:EX; Robb, Peter L. EMPR:EX
Cc: Carr, Michelle EMPR:EX; MacLaren, Les EMPR:EX
Subject: RE: EMPR Work Camps
Attachments: Work Camp Status_EMPR_OGD updates.docx

Hi Peter and Jen – I have now heard back from all of the oil and gas companies that I contacted. My updates are on the attached; new info is highlighted in yellow.

s.13

Thanks,

May

From: Anthony, Jennifer EMPR:EX <Jennifer.Anthony@gov.bc.ca>
Sent: March 29, 2020 11:24 AM
To: Robb, Peter L. EMPR:EX <Peter.Robb@gov.bc.ca>
Cc: Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>; MacLaren, Les EMPR:EX <Les.MacLaren@gov.bc.ca>; Mah-Paulson, May EMPR:EX <May.Mah-Paulson@gov.bc.ca>
Subject: EMPR Work Camps
Importance: High

Hi Peter please see the attached roll up of EMPR's knowledge of camps.

Outstanding is LNG Canada as per Michelle's email below, and I have not included smaller oil and gas drill camps for the time being unless there's a quick way of doing so.

I've been a bit ruthless in cutting down COVID measures as Don was asking for Coles' Notes version not full dissertations and I think it's safe to assume/have implied that all camps are following basic hygiene/sanitation practices as per PHO.

Thanks,
Jen

Jennifer Anthony
Director, Strategic Initiatives
Mines Competitiveness and Authorizations Division
C: 250-889-1315
P: 778-698-1578

From: "Carr, Michelle EMPR:EX" <Michelle.Carr@gov.bc.ca>

Date: Sunday, March 29, 2020 at 10:54 AM

To: "Robb, Peter L. EMPR:EX" <Peter.Robb@gov.bc.ca>, Jennifer Anthony <Jennifer.Anthony@gov.bc.ca>

Subject: Work Camp Status_CGL

As requested by noon: here is the CGL workcamp status.

Note I'm awaiting confirmation of information from LNG Canada and will send separately as soon as I get it.

Michelle

Work Camp Status

Name of Camp Mine/Project Associated	Work Camp and Location	Number of Workers Normal operations Current operations	Extraordinary measures put in place to deal with COVID Guidance sought from PHO	Complaints from local communities, First Nations, advocate groups
MINES				
Thompson Creek Metals Inc. – Mount Milligan Mine	The camp is located on the property of the Mount Milligan operating mine which is approximately 245 kilometers northwest of Prince George and approximately 100 kilometers from each of Fort St. James and Mackenzie.	301 301	Unknown	None known.
Silvertip Coeur Camp-Silvertip Mine	The site is located approximately 9 km south of the Yukon border and 90 km southwest of Watson Lake, Yukon Territory.	Silvertip announced its closure pre-COVID 230 42	<p>Extended rotation to 3 weeks by 3 weeks to limit crew movements to/from site.</p> <p>Fly all staff by air Charters (Air North and Alkan)</p> <p>Full time RN on site under guidance of IRIDIA medical staff.</p> <p>Protocols to self-contain and treat. No COVID 19 incidents to date.</p> <p>Dorm available for medical isolation. Fully self contained. 46 rooms available with medical protocols in place.</p> <p>Screening staff prior to transport to site.</p>	No direct feedback or concerns raised to date.

			<p>Restricted site visitors and access to critical personnel.</p> <p>Only receiving essential deliveries to Camp and Mine: food, medical supplies, fuel for electricity generation</p>	
Brucejack-Brucejack Mine	75 km east of hwy km marker 215 on Highway 37, 65km north of Stewart	575-600 (for 3 camps) 300	<p>Site is restricted to only those personnel required to ensure the essential operations of the mine.</p> <p>Non essential workers were sent off site with regular pay extended.</p>	Not aware of any complaints from local communities, First Nations or advocacy
Knipple-Brucejack Mine	56 km east of hwy km marker 215 on Highway 37, 65km north of Stewart	70 70	<p>Extended rotation to 3 weeks by 3 weeks to limit crew movements to/from site.</p>	
Wildfire-Brucejack Mine	2km east of hwy km marker 215 on Highway 37, 65km north of Stewart	30 30	<p>Number of people on buses was reduced.</p> <p>Health checks are being conducted by qualified health personnel at pick-up points for crew buses (Smithers, Terrace and Kitwanga) and at the Highway 37 security point for employees who drive.</p> <p>Communal areas reconfigured to support PHO guidelines.</p> <p>Persons who are sick are immediately isolated to their rooms with individual washrooms.</p> <p>Persons displaying flu-like symptoms are held on-site until symptoms have passed.</p>	
Newcrest Red Chris Mine	Near Iskut BC in the Tahltan Nation territory	400-455 380-400	<p>Established an Emergency Management Team which meets twice daily and has daily access to the global Newcrest Crisis Management Team;</p> <p>Established screening protocols for all employees and contractors prior to boarding charter aircraft;</p>	<p>Iskut, Dease Lake and Telegraph Creek</p> <p>s.16</p>

			<p>Introduced screening at the Red Chris front gate of all employees, contractors, suppliers and visitors who have not journeyed via charter aircraft and added Occupational First Aid staff to conduct these assessments;</p> <p>Implementation of isolation protocols for personnel who are showing any flu symptom, with a dedicated section of the camp established.</p> <p>Implemented strict hand washing requirements and increased hand washing stations have been installed;</p> <p>Transition period introduced for employees from local communities of Iskut, Dease Lake and Telegraph Creek can return home to their communities by accessing Newcrest's "pandemic leave"</p> <p>Extended Roster reducing the number of crew changes</p> <p>Additional Medical Support in Iskut, Dease Lake and Telegraph Creek</p> <p>Support with Groceries and Health Supplies</p> <p>Tahltan Nation Development Corporation (TNDC) will match Newcrest employee commitments.</p> <p>Tahltan Nation Development Corporation (TNDC) will match Newcrest employee commitments.</p>	s.16	Have worked with EMPR on this stream.
Myra Falls Camp Lodge	Myra Falls is located in a provincial park in central Vancouver	146 75	Communal areas reconfigured to support PHO guidelines.		None

	Island, British Columbia. The site is approximately 90 km from the local coastal town of Campbell River		<p>Only disposable paper plates, paper cups and plastic cutlery are now used (Ceramic plates and cups and metal cutlery have been removed from service)</p> <p>Fruit (apples, oranges) that were previously open access are now provided wrapped in plastic film wrap</p> <p>Additional sanitization of rooms upon check out. Extra sanitization: walls next to the beds, all counter surfaces, sinks, showers, doors, closets, remotes, light switches, as well as shower, toilets, walls and floors in bathroom.</p>	
Kemano T2 Camp-Rio Tinto Kemano	Kemano, B.C.	58 58	Note that these facilities are being operated in accordance with the project's COVID-19 protocols and applicable guidance from the BC health authorities.	
Horetzky Camp-Rio Tinto Kemano	Kemano, B.C.	127 127		
Elk Valley Lodge- Teck Resources – Elkview plant upgrade / Fording River South Active Water Treatment Facility	Elkford	480 220	<p>Physical Distancing measures reducing number of passengers on buses;</p> <p>Screening of people coming onsite</p> <p>B.C. and Alberta mining operations are temporarily slowing down operations and further reducing crews by up to 50% of regular levels for an initial period of approximately 2 weeks, after which we will re-evaluate in light of the evolving situation</p>	Mayor of Elkford
Huckleberry Camp-	121 km south of Houston, BC on the	200 2-5	Good supply of cleaning products, and PPE.	No known complaints.

Huckleberry Mine	Morrice forest service road.	Currently in Care and Maintenance	Limited staff interaction and adhering to PHO guidelines. Empty bunkhouses to put persons in who become sick or show symptoms.	
Uthman camp-Galore Creek Mine (50:50 Teck/Newmont Partnership)	Northwest BC, in Tahltan Territory. Helicopter accessible location 75km WNW of the Bob Quinn Airstrip (Hwy 37), and 85km SSW of Telegraph Creek	80 80 Seasonally operated camp from June-September	Physical Distancing measures reducing number of passengers on buses; Screening of people coming onsite B.C. and Alberta mining operations are temporarily slowing down operations and further reducing crews by up to 50% of regular levels for an initial period of approximately 2 weeks, after which we will re-evaluate in light of the evolving situation	
COASTAL GAS LINK and LNG CANADA				
CoastalGas Link General	Northeast	1200 400	Workers residing in camps will wind down this coming week and CGL will focus on continuing to employ residents and local contractors to perform critical activities Ongoing engagement of International SOS (ISOS) as the medical experts on Coastal GasLink ISOS are in the camps and on worksites providing 24/7 support including plan reviews. ISOS onsite medics are monitoring the workforce for symptoms and all accommodation staff Transmission prevention efforts in effect including enhanced health screening via questionnaire during daily camp admission and communications for all workers	s.13; s.16
Sitka	Kitimat	249 16		
7 Mile Road	Burns Lake	69 72		
Little Rock Lake Lodge	Nadleh	111 63		
Sukunka	Chetwynd	54 21		
All other camps		0		

			<p>Implementing camp hygiene practices to mitigate contagious illness.</p> <p>Ongoing disinfection cycles for common areas, individual rooms, kitchen, and dining areas</p> <p>Working primarily with local workers. Prioritizing critical and essential work paths, such as erosion and sediment control, and clearing in sections to ensure river and wildlife safety, and delaying non-critical work.</p> <p>Incident Management Teams have been set up across TC Energy, Coastal GasLink, and with our prime contractors and workforce accommodation sites.</p>	
LNG Canada	three workforce accommodations operated by third party operators in Kitimat	1956 694	<p>Enhanced hygiene in communal areas, cleaned hourly and dining cleaned every 15 mins</p> <p>Reconfiguring communal areas to adhere to PHO guidelines.</p> <p>Increased cleaning and sanitization frequency for bus transportation, and community shuttle bus service has been cancelled</p> <p>Project vehicle passenger limit - pickup trucks shall have a maximum of 2 persons - the driver and one passenger in the rear passenger side of the vehicle</p> <p>Enhanced procedures at lodging facilities to ensure occupants are entering hygienically safe rooms. Once a guest vacates a room, the room is left untouched for seven days before cleaning services commence. If the room has</p>	s.13; s.16

			<p>housed an individual observing self-isolation, for any reason, the room is left 14 days before cleaning begins</p> <p>Increased screening before boarding charter flights, before checking into worker accommodations and before checking out of the accommodations.</p> <p>Reduced work-force that must travel commercial will be subject to Transport Board of Canada regulations; temperatures checks will be taken nm before checking into worker accommodations and before checking out of the accommodations</p> <p>Maximizing local workforce participation, resulting in less reliance on workers flying, reduced flight movement of workers from ~1000/week since March 17th to ~50/week due to extended indefinite rotations.</p>	
PNG CAMPS				
<p>ConocoPhillips Montney Main Camp</p> <p>(This camp is under the management of Horizon North Logistics Inc. Additional info on this site noted below under Horizon North)</p>	<p>Immediately NW of FSJ</p> <p>B-31-K / 94-A-12</p>	<p>342</p> <p>206</p>	<p>Pre-screening protocols are in place prohibiting anyone showing signs of illness from entering site or utilizing group transportation</p> <p>Divided Operations team into smaller groups for transport and work teams to reduce exposure</p> <p>Camps utilizing Pandemic Plan including</p> <ol style="list-style-type: none"> 1. Response coordinator and team in place 2. Transportation protocols to protect non-infected workers in cases of ill workers 3. Shut down access to gyms and recreation rooms 4. Removed salad bar from dining hall 	<p>They have not received any concerns from local communities. They became aware of Mayor Ackerman's concerns about protecting her community through media and they have spoken with her to discuss the measures they have put in place to protect workers and the community. ConocoPhillips continues to stay engaged with Mayor Ackerman as the COVID situation evolves.</p>

ConocoPhillips Montney 13-22 Camp	13-22-88-25W6	130 60	<p>5. Dining hall reduced to <50 people for sitting, increased spacing, phased meals with extra cleaning</p> <p>6. Increased cleaning and sanitation with extra focus for high-traffic areas</p> <p>7. Isolation rooms on separate wings set aside. HVAC for these rooms not common with the common areas or non-isolation rooms.</p> <p>8. Mask and gloves required for any workers in isolation if they need to leave their isolation rooms for any reason.</p> <p>Extra medic staff engaged to ensure site entry protocols and to assess workers</p> <p>At the 13-22 camp, where individual washrooms are not available, then segregating day and night shifts to allow deep cleaning between shifts</p> <p>Sites are operating with reduced manning from original plan accounting for required work in progress only.</p> <p>Incremental site cleaning, hand washing and social distancing at work locations</p> <p>Encouraging off-work hours behavior modification to include social distancing.</p> <p>Contractors notified of pre-screening requirements for transport and site access.</p>	
CNRL North Grizzly	FSJ South a-74-5/93-I-15	Capacity: 24 Normal: 5-6		

		Current: 5	CNRL has indicated they are following all measures put in place to deal with COVID-19 as per the guidance provided by the PHO	CNRL has indicated that no concerns have been raised to them about these camps
CNRL Ojay	FSJ South b-61-F/93-I-9 Tumbler Ridge area Ojay Main Road	Capacity: 24 Normal: 5-6 Current: 5		
CNRL Septimus Gas	FSJ South 05-23-81-19W6	Capacity: 7 Normal: 4 Current: 4		
CNRL Septimus Oil Battery	FSJ South 14-16-81-18W6	Capacity: 2 Normal: 1 Current: 1		
CNRL Helmet	FSJ North a-3-K/94-P-0-7 Fort Nelson area KM13.5, Sierra Yoyo Desan Resource/ Highgrade Road	Capacity: 21 Normal: 14 Current: 14		
CNRL Midwinter	FSJ North a-13-F/94-P-15	Capacity: 15 Normal: 2 Current: 2		
CNRL Tooga	FSJ North b-31-I/94-P-02	Capacity: 7 Normal: 2 Current: 2		
CNRL Ring Border	FSJ North c-81-I/94-H-9	Capacity: 47 Normal: 17-19 Current: 18		
CNRL Gutah	FSJ North a-54-K/94-H-10	Capacity: 3 Normal: 2 Current: 2		
CNRL Ladyfern	FSJ North b-17-I/94-H-10	Capacity: 21 Normal: 5-6		

		Current: 6		
CNRL North Nig	FSJ North b-28-D/94-H-6	Capacity: 17 Normal: 5 Current: 5		
CNRL Prespatou	FSJ North c-59-B/94-H-3	Capacity: 2 Normal: 2 Current: 2		
Ovintiv Horn River	Horn River area	Small <15 person camp	Implemented COVID-19 control protocols (pre-screening, physical distancing, no open food buffets, enhanced cleaning, etc.) and suspended any non-essential work	s.13; s.16
Ovintiv Kiwigana	Northern Rockies Regional Municipality area KM23 Deer River Road	Small <15 person camp		
Petronas Petronas owns 3 camps - Caribou - Mile 132 - Altares	Located about 2.5 hrs by car west of FSJ	Capacity: Caribou: 20 Mile 132: 180 Altares: 80	Implemented: <ul style="list-style-type: none"> a health screening requirement a Pandemic Response guideline for workers and leaders dispatched a FN Partnership medical company to supply paramedics to these 3 camps requirements for each vendor dispatching 3rd party vendors, and a requirement for all vendors to have a response plan 	No concerns noted by Petronas
Petronas Petronas utilizes the services of 5 open camps within the FSJ area - Royal 109	Within the FSJ area Royal 109 – Wonowan, KM5 Gundy Creek Rd Royal 147 – FSJ, Tote Rd (Mile 147 Alaska Highway)	Capacity: Royal 109: 343 (Note that Tourmaline also uses this open camp; we are awaiting info from Petronas as to how many of their workers are currently situated here)	Petronas does an expectation assessment prior to placing a 3 rd party or staff in an open camp. They are in the process of assessing these 5 open camps, with a deadline of March 29, 2020. If the assessment has passed and all practical precautions are in place, Petronas will enter into an agreement with that open camp.	No concerns noted by Petronas

<ul style="list-style-type: none"> - Royal 147 - Red Diamond (Super 98) - Wonowon Lodge - Sasquatch Inn 	<p>Red Diamond</p> <p>Wonowon Lodge – 16983 Highway 97N</p> <p>Sasquatch Inn – Mile 147 Alaska Highway</p>	<p>Royal 147: 389</p> <p>Red Diamond (Super 98): 300</p> <p>Wonowon Lodge: 289</p> <p>Sasquatch Inn: 65</p>		
<p>Tourmaline</p> <p>Royal Camp Services - Royal 109 Lodge</p>	<p>Located at mile 109 on the Alaska Highway, 13 km north of Wonowon</p>	<p>Capacity: 357 bed camp</p> <p>Normal: *</p> <p>Current: 114</p>	<p>Implemented COVID-19 protocols (staff screening, staff transport sanitization, comprehensive sanitization process in camps, voluntary client/staff temperature check, etc.).</p>	<p>No concerns expressed; this camp is fairly remote. Tourmaline has a JV with BRFN.</p> <p>*Tourmaline noted that they currently have two drilling operations underway and will be starting a 6-week compressor commissioning project on April 1. The commissioning job will add 40 to 60 individuals at Camp 109, although current numbers will be dropping. They will also have a 2-week frac'ing operation starting on April 15 and the frac crew will stay at Camp 109 as well.</p>
<p>Horizon North Logistics Inc.</p> <p>Aitken Creek – Fortis (Primary client is Fortis)</p>	<p>Closest center is Fort Nelson</p> <p>FN Partner - Acho Dene Koe First Nation</p>	<p>Capacity: 20</p> <p>Normal: 15</p> <p>Current: 15</p>	<ul style="list-style-type: none"> • Increased frequency of sanitization and cleaning <ul style="list-style-type: none"> ○ Door handles and common touch points cleaned hourly ○ Front desk space cleaned after each interaction ○ Lunch bag up area common touch points cleaned every 15 minutes during evening and morning ○ All tables and chairs cleaned after each use (flip card indicating clean or dirty) 	<p>To date, they have not received any complaints raised from local communities.</p>

			<ul style="list-style-type: none"> • Closed common areas to the guests (gym and recreation spaces) • Posted signage and protocols about hand washing, using hand sanitizer, entrance screening, and symptoms to watch for and report. • Screening process of all staff and guests (on check in). Follows the same questionnaire used by public health groups • Increased dining room protocols: <ul style="list-style-type: none"> ○ Eliminate self serve options to avoid multiple touches ○ Mandatory hand sanitizer before entering dining room, single use gloves available as well ○ Guest limits on people in dining room at the same time (sub 40). Removed excess tables and chairs. ○ Food in bag up area pre wrapped for single use • Daily safety meetings with staff to ensure everyone understands isolation protocol and what do to if dealing with a symptomatic person • Daily check in with leadership to update required changes and new issues or best practices 	
Horizon North Logistics Inc. Canbriam b73 Operators Lodge (PPrimary client is Canbriam)	Closest center is Hudson's Hope FN Partner – Halfway River First Nation	Capacity: 50 Normal: 25 Current: 20	Same as above Site operating at lower numbers due to clients pulling out non-essential workers.	To date, they have not received any complaints raised from local communities.

Horizon North Logistics Inc. CGL-5b (PPrimary client is CGL-SAE)	Closest center is Prince George FN Partner – Lheidli T'enneh Band	This camp is temporarily down; there are 100 beds on-site and there would be 75 workers during normal operations. Capacity: 100 Normal: 75 Current: 0	Same as above Please note that the current shutdown was planned and is not related to COVID-19.	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Conoco Wonowon (PPrimary client is ConocoPhillips)	Closest center is FSJ FN Partner – Halfway River First Nation	Info provided above under ConocoPhillips Montney 13-22 Camp	Same as above	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. CPC Montney (PPrimary client is ConocoPhillips)	Closest center is FSJ FN Partner – Halfway River First Nation	Info provided above under ConocoPhillips Montney Main Camp	Same as above	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Crossroads Lodge (PPrimary client is JFJV)	Closest center is Kitimat FN Partner – Gitxaala First Nation (Kitkatla)	Capacity: 736 Normal: 700 Current: 150	Same as above Site operating at lower numbers due to clients pulling out non-essential workers.	To date, they have not received any complaints raised from local communities.

Horizon North Logistics Inc. Kobes Creek Lodge (Primary client is Canbriam)	Closest center is FSJ FN Partner – Halfway River First Nation	Capacity: 392 Normal: 0-300 (high variability) Current: 15	Same as above Site operating at lower numbers due to clients pulling out non-essential workers.	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Little Rock Lake Lodge – Pioneer Phase 1 (Primary client is CGL-MSJV)	Closest center is Prince George FN Partner – Nadleh Whut'en First Nation	Info provided above under Coastal Gas Link and LNG Canada for 'Little Rock Lake Lodge'	Same as above Site operating at lower numbers due to clients pulling out non-essential workers.	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Parsnip Lodge (Primary client is CGL-SAE)	Closest center is Prince George FN Partner – McLeod Lake Indian Band	This camp is temporarily down; there are 350 beds on-site and there would be 300 workers during normal operations. Capacity: 350 Normal: 300 Current: 0	Same as above Please note that the current shutdown was planned and is not related to COVID-19.	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Petronas Altares Lodge (Primary client is Petronas)	Closest center is Hudson's Hope FN Partner – Halfway River First Nation	Capacity: 60 Normal: 30 Current: 30	Same as above	To date, they have not received any complaints raised from local communities.

Horizon North Logistics Inc. Petronas Mile 132 (Primary client is Petronas)	Closest center is FSJ FN Partner – Halfway River First Nation	Capacity: 123 Normal: 60 Current: 50	Same as above Site operating at lower numbers due to clients pulling out non-essential workers.	To date, they have not received any complaints raised from local communities.
Horizon North Logistics Inc. Watson Island (Primary client is Pembina)	Closest center is Prince Rupert FN Partner – Metlakatla First Nation, Lax Kw'alaams Band	This camp is temporarily down; there are 150 beds on-site and there would be 100 workers during normal operations. Capacity: 150 Normal: 100 Current: 0	Same as above This camp was closed due to the removal of non-essential workers, due to COVID-19.	To date, they have not received any complaints raised from local communities.
BC HYDRO				
Site C located within the Peace River Regional District	~ 10 km from Fort St John	Previously 1800 staying in camp, ~200 – 300 living within the community that work at the dam site Currently there are under 900 workers living in camp. There are additional ~300 - 400 construction workers living across the north Peace that are working on the off dam site works such as transmission lines, forestry clearing, highway contraction.	Worker isolation for illness, such as flus, has been in place since camp opened, as have hygiene measure known to reduce the potential for infectious disease spread in camp settings. All non-essential components into care and maintenance on dam site. Screening moving on/off site Reconfiguring of communal areas to adhere to PHO guidelines. Reducing the number of on-site personnel by encouraging work from home where feasible;	<i>Local government and First Nations are mainly focused on trying to understand whether COVID is within their communities</i> and if so, how many cases may be there and where they are coming from. In absence of that information, they a “stranger wary” and see anyone, including workers, coming into their communities as a potential risk. Additionally, they have not had a forum to ask these questions as a region and as such, have been

			<p>Holding daily pre-shift safety meetings (toolbox meetings) in smaller numbers; and</p> <p>Implementing physical distancing and hygiene measures on transport buses</p> <p>All of these measures have been done with the guidance of our on-site medical expertise within our camp health clinic services and infectious disease management from International SOS. A second opinion was sought by Doctor Allan Holmes from Iridia Medical. We have also been working closely throughout the camp operation, including throughout March 2020, with representatives from Northern Health.</p> <p>Ceased all on dam site work activities not critical to advancing diversion works, environmental requirements or off dam site activities.</p> <p>Required all employees and workers to apply the self-screening criteria every day prior to leaving their home or room for work and to self-isolate in place for 14 days should they exhibit any of the symptoms.</p> <p>Required all employees boarding chartered flights to be screen at the terminal prior to boarding to ensure no workers board flights to FSJ while exhibiting symptoms.</p>	<p>focusing on industrial camps for answers.</p> <p>Local government representatives are not aligned on their concerns regarding the continued reduced operation at Site C camp. The majority of representatives seem to be okay with the reduced operation currently.</p> <p>Last weeks' concerns have been resolved regarding the idea of allowing self-isolated workers with low grade symptoms to isolate in motels with more amenities. This had been approved by the FSJ CAO and later rejected by the Mayor. No workers were moved into motels and all self-isolated workers will remain at camp.</p> <p>Local government representatives are not actively focused on having Site C closed.</p> <p>Since the teleconference on March 22nd with the PRRD Board, Northern Health and BCH, local government reps have not been voicing concerns to BCH regarding Site C.</p>
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				<p>A similar informational call was held March 27th with the Treaty 8 First Nations, Northern Health and BCH and questions seems to be more about understanding the facts within Site C and the region regarding COVID activities.</p> <p>Seeing individuals on Twitter opposing continuation with the project, but those seem to be the same individuals that are vocally opposed to the project regularly.</p>
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Crockett, Janine EMLI:EX

From: Forman, Ryan EMPR:EX
Sent: March 30, 2020 5:27 PM
To: Nikolejsin, Dave EMPR:EX; Mah-Paulson, May EMPR:EX; Robb, Peter L. EMPR:EX; Carr, Michelle EMPR:EX; MacLaren, Les EMPR:EX; Coley, Simon J EMPR:EX
Cc: Cochrane, Marlene EMPR:EX; Turner, Geoff J EMPR:EX; Wieringa, Paul EMPR:EX; Wijtkamp, Peter EMPR:EX; Fleming, Chris S EMPR:EX; Shaw, Rachel EMPR:EX
Subject: EMPR March 30: COVID 19 Economic Impacts and Financial Asks
Attachments: EMPR- COVID Stakeholder request list and economic impacts MAR 30.docx

Hi all,

Attached is this weeks Economic Impact report.

I will submit to Finance shortly. Let me know if you have Qs. Thanks to your EDs for putting up with me for another round!

Ryan

Stakeholder Request*										
	High level summary: How is the stakeholder affected:									
	•									
New Key Developments										
Oil and Gas demand and price supply shock.	Western Canada - Rig Activity, March 30 <ul style="list-style-type: none"> Active rate sinks to 8% (BC, AB, SK, MB) <ul style="list-style-type: none"> This time last year active rate in Western Canada was 16% BC: Active 8, down: 32, total: 40, % Active: 20% 									
	Canadian crude <ul style="list-style-type: none"> Just below \$10/barrel. 									
	Brent Hits 18-year Low <ul style="list-style-type: none"> Global oil benchmark Brent crude plunged to its cheapest in 18 years on Monday, while U.S. crude briefly tumbled below \$20/bbl, on heightened fears that the global coronavirus shutdown could last months and demand for fuel could decline further. 									
	PNG tenure <ul style="list-style-type: none"> BC will not be accepting posting requests and will not dispose of new PNG tenure effective immediately. The Ministry will re-assess the situation periodically. Cash basis estimates for lost revenue in March and Q1 and Q2 below. Median values are provided in estimates rather than straight averages due to the large variability in the revenue amounts. 									
	<table border="1"> <tr> <th>Fiscal 2019-2020</th><th>Based on estimated earnings from March Sale (estimate from Dec 2019)</th></tr> <tr> <td>March</td><td>\$ 600,000.00</td></tr> <tr> <td></td><td></td></tr> <tr> <th>Fiscal 2020-2021</th><th>Based on previous 5 year median FY 2016-2020</th></tr> <tr> <td>Q1 and Q2 (April - October)</td><td>\$ 9,500,000.00</td></tr> </table>	Fiscal 2019-2020	Based on estimated earnings from March Sale (estimate from Dec 2019)	March	\$ 600,000.00			Fiscal 2020-2021	Based on previous 5 year median FY 2016-2020	Q1 and Q2 (April - October)
Fiscal 2019-2020	Based on estimated earnings from March Sale (estimate from Dec 2019)									
March	\$ 600,000.00									
Fiscal 2020-2021	Based on previous 5 year median FY 2016-2020									
Q1 and Q2 (April - October)	\$ 9,500,000.00									
Mining	Woodfibre <ul style="list-style-type: none"> The Woodfibre LNG project will be delayed for a year due in part to effects of the COVID-19 pandemic. 									
	<ul style="list-style-type: none"> Customers are delaying or cancelling orders and commodity prices are falling, putting pressure on revenues. Copper is the primary commodity produced by 5 out of the 8 operating metal mines in the Province. If current copper prices are sustained, BC copper mines will be eligible for hydro bill deferrals through the existing Mining Customer Payment Plan (MCPD). Copper prices have dropped 22% Prices remain stable for metallurgical coal EMPR is actively monitoring situation and anticipates further production adjustments in response to COVID-19. 									

	<ul style="list-style-type: none"> No mines have moved into care and maintenance, but there have been production curtailments and operational impacts: <ul style="list-style-type: none"> Copper Mountain is reducing production by approximately 25% in 2020 in response to uncertain short-term copper prices. Teck facilities in BC are reducing staff by 50% for 2 weeks and production will continue on a reduced basis at Elkview, Fording River, Greenhills, Line Creek (coal); and Highland Valley Copper Gibraltar (Taseko) is planning a temporary curtailment of mining operations effective April 1. Mill operations will not be affected, and the focus is on reducing the overall operating costs without lay-offs. The Chief Gold Commissioner has issued a blanket Time Extension Order for all claims and leases as well as all coal licenses and leases. This Order gives more time to recorded holders to register work, make cash in lieu of work payments, and make rental payments. The Order results in the following: <ul style="list-style-type: none"> Claims: the time to make cash in lieu or register work on claims that have expiry dates is extended to Dec 31, 2021. Claims with expiry dates past this date are not subject to this Order. Mining and placer leases: the time to register the annual rental payment, which is normally on the anniversary date, is extended to December 31, 2021. Coal leases and licenses: the time to register the annual rental payment, which is normally on the anniversary date, is extended to December 31, 2021.
BC Hydro	<ul style="list-style-type: none"> Residential bill relief – in addition to requests from industrial customers, BC Hydro is exploring the impact of reducing Step 2 of the Residential Inclining Block (RIB) rate for residential customers to the same price as the Step 1 rate as an approach to provide support to customers during the COVID-19 pandemic. Our preliminary analysis demonstrates that this would result in a revenue loss of approximately \$100 million over six months. BC Hydro is working with government to consider this possibility. Options on rate relief for customers are moving forward for final approval
LNG Canada and Coastal GasLink	<ul style="list-style-type: none"> Following LNG Canada's March 17th announcement that they'll be reducing staffing levels by ½ over next week to approximately 1,000 individual, LNG Canada has since reduced staffing levels by 65%.

* If a stakeholder has multiple requests, each request should be its own row.

Crockett, Janine EMLI:EX

From: MacLaren, Les EMPR:EX
Sent: March 31, 2020 2:59 PM
To: Vander Steen, Benjamin EMPR:EX
Cc: Carr, Michelle EMPR:EX
Subject: RE: ADM SIGN-OFFs by NOON: FW: Update Request - Workforce Impact Information: due March 31
Attachments: COVID19 Workforce Impacts Inventory EMPR LM.docx

Sorry for the delay Ben. I have tracked some suggestions in your document.

Les

From: Vander Steen, Benjamin EMPR:EX <Benjamin.VanderSteen@gov.bc.ca>
Sent: March 31, 2020 2:34 PM
To: MacLaren, Les EMPR:EX <Les.MacLaren@gov.bc.ca>
Cc: Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>
Subject: FW: ADM SIGN-OFFs by NOON: FW: Update Request - Workforce Impact Information: due March 31

Hi Les,

Hope all is well on your end. I've received feedback from your Division staff (Amy) on the below request, which is now incorporated into the main document and ready for your review (page 2, Q#2). I'm hoping to send by 4 PM today. If I don't hear from you before then I'll send without your division's content and then send it as a follow-up when I do.

Kind regards,
Ben

From: Vander Steen, Benjamin EMPR:EX
Sent: Tuesday, March 31, 2020 10:01 AM
To: Amann-Blake, Nathaniel EMPR:EX; Carr, Michelle EMPR:EX; Coley, Simon J EMPR:EX; MacLaren, Les EMPR:EX; Mah-Paulson, May EMPR:EX; Manahan, Suzanne EMPR:EX; Robb, Peter L. EMPR:EX
Subject: ADM SIGN-OFFs by NOON: FW: Update Request - Workforce Impact Information: due March 31

Good morning EMPR Executives,

Requesting ADM approvals by NOON, Tuesday March 31 –

On Friday, our colleagues at AEST requested rush support from Ministries on COVID-19 workforce impacts – (1) what sectors need workers, (2) what sectors are experiencing a reduction, and, (3) any initiatives from sectors to support COVID-19 workforce impacts.

Chris Fleming and I reached out to divisions for input and collated the information into the table provided by AEST (to EDs if available, otherwise Directors). The table with our content as of 9:45 AM is attached.

We are still waiting on EAED, but given the timeline to get things to AEST today, I am sending what we have now. It's brief, so anticipate this requiring approx. 10 minutes of your time (unless follow-up is identified as part of your review).

The document:

- The first question (page 1) asks ministries to identify sectors that are in need of new workers – we are providing no responses in the table provided.
- The second question (page 2) asks ministries to identify sectors that are shedding jobs – we have made several entries so please review what has been put for the sectors that correspond with your division.
- The third question (page 3) asks ministries to identify sectors/ministries with programs in place to address COVID-19 workforce impacts, we have no entries on this at present, but understand this is something that could come in the near-term.

Let me know if you have questions or feedback!

Kind regards,
Ben

Ben Vander Steen
Director, LNG Canada Implementation Secretariat
Ministry of Energy, Mines & Petroleum Resources
Benjamin.vandersteen@gov.bc.ca | 250-882-5480

From: Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>
Sent: March 28, 2020 3:42 PM
To: EMPR Executive Committee <EMPRExCo@Victoria1.gov.bc.ca>
Cc: Vander Steen, Benjamin EMPR:EX <Benjamin.VanderSteen@gov.bc.ca>; Anthony, Jennifer EMPR:EX <Jennifer.Anthony@gov.bc.ca>; Forman, Ryan EMPR:EX <Ryan.Forman@gov.bc.ca>
Subject: Update Request - Workforce Impact Information: due March 31

Further to my message below, Chris Fleming and Ben will pull together information from existing reports and will forward to you for review rather than starting new.

Thanks,
Michelle

Michelle Carr
Assistant Deputy Minister
LNG Canada Implementation
Ministry of Energy, Mines and Petroleum Resources

On Mar 27, 2020, at 6:31 PM, Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca> wrote:

Hi, everyone.

Please see below and attached information request from AEST and JEDC on workforce impacts. They are requesting rolled-up input from ministries by Tuesday, March 31.

In the interests of time, I wanted to get this out to exec members and can collate the EMPR response.

Please have each of your divisions complete the template if relevant and send to Ben Vander Steen (copied on this email) by 3 pm Monday March 30. Ben will roll up into one document and will circulate the final draft.

Also, note reference to Crown agencies.

Thanks,
Michelle

From: Sawchuk, Bindi AEST:EX <Bindi.Sawchuk@gov.bc.ca>
Sent: March 27, 2020 3:56 PM
To: Vasey, Jeff AEST:EX <Jeff.Vasey@gov.bc.ca>; Armitage, Mark W HLTH:EX <Mark.Armitage@gov.bc.ca>; Armitage, Mark W HLTH:EX <Mark.Armitage@gov.bc.ca>; Sandstrom, Kurt AG:EX <Kurt.Sandstrom@gov.bc.ca>; Wood, Jessica IRR:EX <Jessica.D.Wood@gov.bc.ca>; Little, Christine JEDC:EX <Christine.Little@gov.bc.ca>; Horton, Emily MCF:EX <Emily.Horton@gov.bc.ca>; Massey, Christine MCF:EX <Christine.Massey@gov.bc.ca>; Leduc, Danine LBR:EX <Danine.Leduc@gov.bc.ca>; Lemmer, Nicola I EDUC:EX <Nicola.Lemmer@gov.bc.ca>; Curtis, David MAH:EX <David.Curtis@gov.bc.ca>; Carr, Michelle EMPR:EX <Michelle.Carr@gov.bc.ca>; Holmes, Rachel PSSG:EX <Rachel.Holmes@gov.bc.ca>; Hewitt, Jeremy ENV:EX <Jeremy.Hewitt@gov.bc.ca>; Riddell, Archie ENV:EX <Archie.Riddell@gov.bc.ca>; Brown, Chris SDPR:EX <Chris.Brown@gov.bc.ca>; Richards, Tara R FIN:EX <Tara.Richards@gov.bc.ca>; Avison, Claire TAC:EX <Claire.Avison@gov.bc.ca>; Peterson, Dave EMBC:EX <Dave.Peterson@gov.bc.ca>; Stagg, Chris J FLNR:EX <Chris.Stagg@gov.bc.ca>; Fraser, Sarah W FLNR:EX <Sarah.Fraser@gov.bc.ca>; Bain, Nancy TRAN:EX <Nancy.Bain@gov.bc.ca>; Sadler, Bobbi CITZ:EX <Bobbi.Sadler@gov.bc.ca>; Boyd, Wes CSNR:EX <Wes.Boyd@gov.bc.ca>; Walsh, Taryn MMHA:EX <Taryn.Walsh@gov.bc.ca>
Cc: Brownsey, Silas JEDC:EX <Silas.Brownsey@gov.bc.ca>; Johnson, Chris M AEST:EX <Chris.Johnson@gov.bc.ca>; Butler, Luke AEST:EX <Luke.Butler@gov.bc.ca>
Subject: Request - Covid-10 Workforce Impact Information
Importance: High

s.13

Bindi

Bindi Sawchuk, CPA, CMA | Assistant Deputy Minister
Workforce Innovation and the Division Responsible for Skills Training
Ministry of Advanced Education, Skills & Training
(250) 216-0346 | bindi.sawchuk@gov.bc.ca

Our mission is to advance innovative, accessible workforce information, policies and programs so all British Columbians have the skills and abilities to reach their full potential.

<COVID19 Workforce Impacts Inventory Template.docx>

LNADM Committee on COVID-19 Workforce Impacts
Inventory of Issues, Priorities, Initiatives and Resources

Ministry: EMPR

Ministry contact (Ben Vander Steen, Director LNG Canada Implementation Secretariat, Benjamin.vandersteen@gov.bc.ca):

1. Please identify any industries, occupations and/or types of businesses in your sector(s) that are now or expected to be needing to hire more workers. For each, please indicate: level of urgency / likely timing; whether or not they are needing assistance in finding workers (if you see that there is a gap needing to be filled); likely volume of workers over what timeframe (if you know)

Industry / occupation(s) / type of business	Level of Urgency (Immediate; medium-term; long-term)	Assistance required? If yes, please describe	Anticipated volume of workers and related timeframe	Notes/additional comments
LNG Development	Medium-long term	Working with AEST and JEDC on workforce development strategy for LNG Canada and Coastal GasLink	10,000 direct construction jobs and 20,000 secondary jobs	Pre-COVID direction was to focus on long-term operational jobs in NW. With possible change in construction schedule and impacts to companies offering secondary jobs there may be a need to re-evaluate the scope and nature of the work needed to support LNG Canada/CGL implementation

Draft – do not distribute

2. Please identify any significant sources of workers that you know of in your sector(s) who are not working now and could be amenable to work, including individuals laid off as a result of pandemic, individuals already unemployed prior to pandemic (e.g. due to mill closures), individuals entering the workforce (e.g. summer students, recent or pending graduates) , individuals who could re-enter the workforce (e.g. retirees, formerly licenced individuals)

Sector/Ministry	Source of Workers / reason for availability	Notes / additional comments
Oil and gas sector	COVID-19 and downturn in sector is reducing the employment opportunities in northeastern BC. There may be workers in this area seeking employment opportunities	Given nature of industry, a proportion of these workers could be from out-of-region or out-of-province. When employment is limited these workers are likely to return home out of the area
LNG Canada construction	LNG Canada has reduced its staff contingent by 65% to less than 1,000 due to COVID-19, most of remaining workers are local people to avoid fly in/fly out	This is expected to be a temporary adjustment due to COVID-19, workers would likely be called back as soon as possible
Coastal GasLink Pipeline construction	Coastal GasLink has reduced its staff contingent from approximately 1,200 to 400 due to a planned reduction during spring thaw (mid-March to early May)	While the reduction was planned, it is conceivable that it would continue beyond the early May timeline if the COVID-19 situation is not improved by then
Mining sector	No labour pool available currently	Mines that have reduced staff compliments are currently keeping staff at home and on payroll. Some mines have reduced production but not staff levels to date
BC Hydro: Site C	No impact to BC Hydro employees. BC Hydro has modified its work activities on the Site C project in response the COVID-19 pandemic. Since March 18, 2020, the project site construction and non-construction contractors' workforce has scaled back by about 40-50%.	
BC Hydro: Site C	No impact to BC Hydro employees. BC Hydro has modified its work activities on the Site C project in response the COVID-19 pandemic. Since March 18, 2020, the project	BC Hydro is keeping essential workers on the Site C project to maintain the schedule for <u>river diversion in September 2020. This is a temporary adjustment and workers will be</u>

	site construction and non construction contractors' workforce has scaled back by about 40-50%.	<u>called back when it is safe to do so. Project in-service date may be delayed resulting in a longer employment period for these workers.</u>
BC Hydro	Operations staff is focussed on critical work and returning equipment to service.	To date, there have been no layoffs of BC Hydro employees as a result of the COVID-19 pandemic.
FortisBC Energy Inc	No impact to FortisBC employees.	2,400 employees across the Province, <u>with</u> and approximately 50% of our the work force are working remotely. No workforce reductions have occurred as result of Covid-19.

3. If you already have initiatives in place to support the workforce impacts of **COVID-19** in your sector, please provide a brief description, and a contact for us to get more information if necessary.

Sector/Ministry	Description of initiative	Contact for more information

4. Please identify existing tools, resources, capacity, relationships (e.g with industry representatives, with organized labour, with other levels of government), etc. already in place that currently support workforce adjustments and/or could be leveraged to support COVID-19 workforce impacts

Sector/Ministry	Description of tool / resource / capacity/ relationship/ etc	Notes / additional comments

Crockett, Janine EMLI:EX

From: Karemaker, Kent GCPE:EX
Sent: March 31, 2020 4:15 PM
To: MacLaren, Les EMPR:EX; Carr, Michelle EMPR:EX; Robb, Peter L. EMPR:EX
Cc: McRae, Meghan GCPE:EX; Giles, Alison GCPE:EX; Beaupre, Darren EMPR:EX
Subject: COVID-19 Industrial Work Camps IN
Attachments: IN_COVID_IndustrialCamps_V3.docx

Hello folks,

Attached is an IN we have been working on re: industrial work camps.

Please take a look and let me know if you have any suggested edits.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Office: 250-952-0628 Cell: 250-886-5400
Kent.Karemaker@gov.bc.ca

ADVICE TO MINISTER

<p>CONFIDENTIAL ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: March 31, 2020 Updated: Minister Responsible: Hon. Bruce Ralston</p>	<p>COVID-19 – Industrial Work Camps</p>
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ADVICE AND RECOMMENDED RESPONSE:

- The Province recently released a set of guidelines to assist industrial camps in their response to COVID-19.
- The Ministry of Energy, Mines and Petroleum Resources is working with BC's Public Health Officials (PHO), health authorities, local communities and industry to ensure the safety of British Columbians.
- Dr. Bonnie Henry, provincial health officer, has provided direction for employers to take all necessary precautions to minimize the risks of COVID-19 transmission.
- Industrial work camps both large and small are taking the necessary steps to observe these guidelines.
- This includes measures such as limiting the number of people in the same space to no more than 50, increasing the number of handwashing stations on work sites, ensuring all common areas and surfaces are cleaned thoroughly and physical distancing between employees is properly maintained.

ON WHETHER PROJECTS LIKE CGL, TMX AND SITE C ARE DEEMED ESSENTIAL:

- We are following the advice of Public Health Officials closely to keep British Columbians as safe as possible and mitigate the impacts of COVID-19.
- Construction projects like Coastal GasLink and the Transmountain Pipeline expansion are covered by recent direction on essential services.

ON MINING:

- Every location may have its own unique circumstances, but in all situations it is mandatory that mines follow the orders and directives of the Provincial Health Officer.
- Mining operations are adjusting safety meetings, as well as cafeteria and bunk house operations to meet the PHO's orders and directives.

ADVICE TO MINISTER

- **The operating status of individual mines would be best addressed by the companies.**
- **Certainly, COVID-19 is an extraordinary situation but this response is in line with what is being recommended to flatten the curve and that includes prohibiting gatherings of more than 50 people.**

KEY FACTS REGARDING THE ISSUE:

On March 30, 2020, the Joint Information Centre (JIC) released an Information Bulletin providing guidance to industry on safety protocols to be followed to protect workers and the communities from the risks surrounding COVID-19. At this time, there have been no reports of COVID-19 at any industrial camps in B.C.

The guidelines are located at: <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/employers-businesses/industrial-camps>. The guidelines include: prevention measures and control in camps; plans on how to manage individuals with suspected COVID-19 infection; outbreak protocols; support for camp residents who are self-isolating; enacting physical distancing; and ensuring sufficient infection-control supplies.

On March 30, 2020, The Union of BC Indian Chiefs sent an open letter to Premier John Horgan, Minister Adrian Dix, Prime Minister Justin Trudeau and Federal Health Minister Patty Hajdu with concerns around the continued operation of the Coastal GasLink project. In part, the letter said that “The expansion of economic enterprises cannot be considered essential when it directly endangers the health and wellbeing of every one of us. The threat is too great to Northern communities, Indigenous and non-Indigenous, whose access to healthcare and necessary resources for containing COVID-19 are already limited.”

Prior to this letter, there were reports from various media outlets where both community and site workers expressed concerns around the risk of COVID-19 infection. Some workers said that while guidelines were in place, they were not being followed.

On March 25, 2020, the Province released guidance to mining and smelting operations during COVID-19 which highlighted steps for worker and community safety.

Industrial camps typically vary in size depending on the project they service. Small industrial camps (under 20-30 residents) have few amenities and may only be used for short periods of work (i.e. they tend to be more temporary than large ones). Large industrial camps (greater than 100 and up to thousands of residents) typically have recreational amenities and may be used for a number of years or longer.

Site C

The project has scaled back construction work to only focus on essential work and critical milestones. As of March 26, there are 864 workers in camp. To put this in perspective, this is close to half of the usual workforce of 1,700 at this time of year.

At the worker accommodation lodge, a number of enhanced measures to reduce the risk of a COVID-19 outbreak occurring at site are underway. These include more frequent disinfecting cleaning of all high touch point areas; closing all common areas; eliminating self-service stations in the dining room and setting up tables to help workers adhere to physical distancing guidelines (fewer seats at each table and tables spaced farther apart); more sanitizing stations; and staff dedicated to decreasing congestion in higher-traffic areas.

ADVICE TO MINISTER

One full dormitory (30 rooms) has been designated for self-isolation and there are an additional four dormitories (120 rooms) that can be used, if necessary.

The Site C health clinic is well equipped with experienced health practitioners, test kits and medical supplies. In addition, the camp has the ability to isolate any workers who are in self-isolation, awaiting test results, or who may test positive for COVID-19.

Effective March 30, 2020, pre-access COVID-19 screening will commence at Gate A. All light-duty vehicles (non-commercial) are required to access site through Gate A. Only commercial vehicles will be authorized to access site through Gate B. Gate C will be closed effective March 30, and subject to the same access procedures that are currently in place for overnight access.

LNG Canada

The project site in Kitimat has reduced operations by 50% (from over 2,000 to under 1,000 workers) reducing both the number of workers traveling to the site and those who require lodging. The company is relying on local workers where possible.

LNG Canada has implemented a work-from-home policy for non-business critical positions to minimize the number of people in relatively close contact with each other. For workers remaining on site, lodging operators implemented a number of preventive measures, from increasing cleaning to altering the way food is prepared and served to implementing social distancing per health guidelines.

Essential work includes schedule-sensitive activities, offloading equipment and materials already on their way to Kitimat and environmentally sensitive work that can only be completed during limited seasonal windows. All essential work is conducted with additional safety precautions that respect recommended social distancing protocols.

Coastal GasLink

Coastal GasLink has suspended travel and ordered all non-essential work to be done from home. Prime contractors have halted introducing new employees into workforce accommodation sites as the company continues to ramp down for the spring thaw. The company will continue to employ local residents and contractors to perform critical activities, including environmental monitoring, pipe delivery and stockpile.

Due to the extensive length of the right-of-way, the nature of the work being done, including isolated work such as equipment operators in their own machines, the company says it is able to comply with provincial guidelines for active construction sites and physical separation.

Communications Contact: Kent Karemaker 250-886-5400
Program Area Contact:

File Created: March 31, 2020
File Updated:

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s.12 ; s.13

From: [Minister, EMPR EMPR:EX](#)
To: [Cuddy, Andrew EMPR:EX](#)
Subject: FW: Stop all work on Site C Dam and LNG Canada projects immediately
Date: March 26, 2020 11:25:58 AM

FYI. Example of emails coming in regarding construction of Site C Dam and LNG during COVID crisis.

From: s.22

Sent: March 25, 2020 2:56 PM

To: Minister, EMPR EMPR:EX ; Ralston.MLA, Bruce LASS:EX

Subject: Stop all work on Site C Dam and LNG Canada projects immediately

Dear Minister Ralston,

I am writing today because I am concerned with the continuing work on the CGL pipeline in sovereign, unceded Wet'suwet'en territory. I demand to know why you continue to move forward with the construction of Site C Dam and LNG projects especially when the UN Committee on the Elimination of Racism has called for both to halt due to the treatment of Indigenous people in British Columbia.

Your mandate letter states that all LNG project proposals must "respect and make partners of First Nations." You are doing neither of these things by continuing with a project that they did NOT consent to.

Further, in the midst of a global pandemic where people have been told to remain home and socially/physically distance from each other, the construction continues with no regard to the Wet'suwet'en people. Continuing work on this project is knowingly spreading COVID-19 to the Wet'suwet'en people, and is an act of genocide.

I urge you to demand that the government you represent halts all construction and stops violating the consent of the Wet'suwet'en people and putting their community at great risk of infection and death during this global pandemic.

s.22

LNG Canada: Mitigating and managing the risk of COVID-19 at site and in the community

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