

<b>Minutes of Meeting</b>		
<b>Location:</b> Park Place Lodge Fernie The Cedar Room	<b>Date:</b> Dec 11, 2019	<b>Time:</b> 9:00 a.m. – 12:30 p.m.
<b>Purpose:</b> Second 2019 Biannual Meeting	<b>Version:</b> Final	
<b>Attendees:</b> See attached	<b>Issue date:</b> February 25, 2020	

The meeting began shortly after 9:00 am

### **Introductory Remarks**

Chair, Anita Palmer, welcomed the attendees and noted where the restrooms and exits were located. It was acknowledged that the location of the meeting is Traditional Territory of the Ktunaxa Nation. Anita was pleased to share that in order to support the integration of public awareness and knowledge of regional indigenous peoples and ongoing reconciliation, the Communities of Interest Advisory Initiative (COIAI) Steering Committee (SC) will be working with Vickie Thomas, the Ktunaxa Nation rep on the SC to arrange Indigenous Culture Awareness workshop in the New Year. Anyone interested in participating can contact Sharon Strom at: [sharon.strom@teck.com](mailto:sharon.strom@teck.com)

### **Safety Share**

Dave Beranek reminded everyone to ensure their vehicle’s headlights and taillights are kept clean. This time of the year, they can quickly become dim with the snow, slush and calcite on the roads.

### **Communities of Interest Advisory Initiative (COIAI) Update – Anita Palmer, Chair**

Following an introduction of the Steering Committee members and self-introduction of attendees, Anita provided a SC update highlighting that the Initiative will be heading into its 8<sup>th</sup> year of quarterly SC meetings and biannual Partners meetings.

The Elkford Housing Society (EHS) was developed from a conversation between then Elkford Councillor, Denise Bertrand and this group’s Healthcare Task Force. Teck has committed to donating the land for the site of a seniors’ housing complex in Elkford. The EHS has secured a Project Manager who will be applying for major funding for the project.

The Healthcare Task Force plans to meet in January to determine how the COIAI SC can support the regional Canadian Mental Health Association (CMHA). The group was pleased to have representatives from CMHA Kootenays to share information on their services.

An action item arose at the November SC meeting for which Fernie Mayor Qualizza was contacted. Scott Robinson, the SC Community Safety rep recognized possible hazards with the Lizard Creek Bridge construction that did not get completed before winter. Mayor Qualizza and Sharon Strom, along with Andy Cohen from Resorts of the Canadian Rockies who also voiced concerns, will be meeting with a number of representatives from the Ministry of Transportation and Infrastructure on Thursday to address concerns and safety measures being taken.

Sharon will be arranging a tour of some of Teck’s water treatment facilities for the SC in the New Year as well and would like to extend the invitation to others who want to join them. Email Sharon if you’d like to go.

**Teck in Review** (see attached) – Nic Milligan, Manager Social Responsibility

Nic provided the group with an update on Teck. It included information on Teck's financial position, the steelmaking coal market, RACE21 and the Elk Valley Water Quality Plan, among other topics. The presentation can be found at the end of the minutes.

**Teck Castle Project** – Norm Fraser, Lead Indigenous Initiatives

Norm introduced the Fording River Operations (FRO) Castle Project to the group. He talked about Teck Coal's economic contributions to the area, the Project location, planning and design status and the required Environmental Assessment (EA). The presentation can be found at the end of the minutes.

Questions, Answers and Comments (Q, A, C)

C – Mayor McKerracher – Air monitoring systems like the ones in Sparwood need to be placed around Elkford. There is more dust in the community and on vehicles coming from the Greenhills spoil. There has been a lot of wind.

C – Councillor Christensen - They are needed in RDEKA as well. There is an increased amount of dust on his home on the Lower Elk Valley Road.

Q – Kristie Williams – What type of particles is in the dust and is there a health affect?

A – NF – There is currently a Human Health Risk Assessment underway by qualified third party experts.

Q – Mayor McKerracher – Is the Castle Project on the list for a Federal Government review? How far down the valley south will it go?

A – NF – The Project is below the threshold requiring Federal review. The Project will not go beyond Chauncey.

Q – Mike Low – Why does it take so long to go through the EA process now when it used to take only a couple of years?

A – NF – The level of effort required has increased significantly. In 1972, the EA report consisted of one binder. For the last Line Creek Operations (LCO) EA, a U-Haul would have been required for the binders.

Q – Blair Chatterson – How will you replace the winter range the Project will get rid of? There is not a lot of winter range around the FRO.

A – NF – Teck recognizes the impacts and how important the grasslands are. The designs are being evaluated so there is the least amount of impact possible.

**Teck Feedback Report** – Sharon Strom

There were 58 items of feedback received through Teck's feedback mechanism from July to current date.

Sparwood – 52 – 6 about visible dust above Elkview Operations (EVO), 2 about dust on vehicles, 7 about dust from EVO's Lagoon D dust event on November 9<sup>th</sup> and 35 requests for cleaning exteriors of homes, 1 about a dirty Teck contractor parked at multi-unit dwelling, 1 of Teck contractors taking up mall parking space and leaving their vehicles overnight

Elkford – 2 – 1 request for cleaning exterior of home, 1 submission of photos of coal dust on children's play equipment

Fernie – 2 – 2 complaints about dirty Teck/Teck contractor vehicles parking at two separate multi-unit dwellings

Grave Lake – 2 – both about film of coal dust on lake

**Harm Reduction Program** (see attached) – Jenn Driscoll, Regional Harm Reduction Coordinator Interior Health (IH), Alison Ko, Health Outreach Nurse IH, Jenn Sosnowski, MHSU & OAT Clinic Administrative Services, Clinical Operations, IHA

The presentation on the Harm Reduction program started with a definition of the term then outlined harm reduction based services that are offered in the region, including the distribution of Naloxone kits. Statics on overdoses in the Province and in the East Kootenays from 2016-2019 were shared. It was reinforced that one key to harm reduction is the need to remove the stigma around substance abuse because stigma can have profound effects on one's health.

Q – Jason Christensen – What age group does the Harm Reduction Program target?

A – JD – Surprisingly, it is not the youth who are dying. Adults who were prescribed opioids for chronic pain then taken off of them by their physician, move on to illicit drugs. It is not the best practice to cut people off of their pain meds without assisting them with chronic pain management.

Q – Kristie Williams – How does one reach out to someone in need of the services?

A – JD – Accessing services is totally voluntary. The intake must come from the person. Kerrie Wall - Supervisors can only be provided with resource material.

Q – Cal McDougall – What is the shelf life of Naloxone?

A – JD – Two years

**Life Kits** – Kristie Williams, BC Emergency Health Services Community Paramedic

The Life Kit is a plastic envelope which contains important personal and medical information about a person. The form is easy to read and fill out, and includes questions about who should be contacted in case of emergency as well as details on medications and health history.

Once the two-sided sheet is completed, the form should be placed in the top right-hand side of your fridge. The location should be consistent to make it easy for First Responders to find the kit. Stickers indicating a life kit is available are to be placed on your front door and fridge.

In the event of a personal emergency, First Responders will immediately know that all your information is in one place. The kit is a one-point of reference package that could provide vital information to emergency personnel in a very timely manner.

Q – Anita Palmer – If more than one person is in the home, should there be separate Life Kits?

A – KW – Yes, but they should be placed in separate areas and clearly marked so they don't cross over.

C – Anita Palmer – There is no Community Paramedicine (CP) service to Grasmere.

C – KW – Approach BCHES and ask if Fernie CP can extend their reach to include Jaffray, Grasmere and Elko. It is hard to stabilize the staff in rural communities because the hours are part-time.

Q – Mayor McKerracher – What is in the Life Kits and how much do they cost?

A – KW – The kits are free as part of a program with funding from the United Way and other organizations. The Life Kit is a plastic envelope which contains important personal and medical

information about a person. The form is easy to read and fill out, and includes questions about who should be contacted in case of emergency as well as details on medications and health history.

**Mental Health** (see attached) – Natalie Hake, Administrator of Crisis Services, Canadian Mental Health Association (CMHA) Kootenays and Arielle Dymont, Manager of Public Education CMHA

The Vision and Mandate of the CMHA Kootenays was shared with audience, along with some general information about the charitable organization. The CMHA Kootenays offers 29 programs/services throughout the Elk Valley and as far out as Golden and Grand Forks. Some of the many services were described including: housing services, women's services, volunteer services, youth services and mental health services. The importance of public education for mental health awareness was expressed. A few upcoming events were noted. The presentation ended with the contact information for Natalie and Arielle and the invitation to take some of the pamphlets they made available.

Q – Kristie Williams – Is the Senior Friendly Visitor (SFV) program available in Sparwood or other Elk Valley communities?

A – NH – No it isn't yet but they would like to see the services expand.

C – Anita Palmer – Perhaps the Communities of Interest Advisory Initiative (COIAI) Health Care Task Force which intends to support Mental Health awareness/initiative can help support the SFV in the Elk Valley.

**Canadian Adaptive Network** (see attached) – Brad Parsell, Canadian Adaptive Network Board Member

Brad explained that an accessible community should be determined by the community's values with consideration that accessibility is a Human Right. An outline of what it takes to develop a successful accessible community was shared. Brad explained about the innovative research that was done in Fernie to assess the community and not just buildings and how the community scored. The wish is for accessible facilities to follow universal design principles that are intuitive and welcoming. The presentation ended with thanks being given to funding providers who made the study possible.

**Roundtable** - an opportunity to comment on the meeting and/or to share information

Randal M – the work of those participating in the Elk Valley Cumulative Effects Management Framework is coming to fruition. Sheep habitat is high on the radar as is understanding the effects recreation and industry have on habitat.

Norma M – would like to hear more of what Teck is doing or not doing for the communities.

Dean M – the presentations were a good source of knowledge. Good to see work being done on accessibility. Ambulance services are changing with new regulations that will affect all communities without paramedics.

Tyler M – the presentations were really good but would have liked more from Teck. New to the District of Elkford staff.

Cal M – a good, broad spectrum of presentations.

Doug N – from the presentations it appears there are good opportunities for collaboration with the BC Community Response Networks.

Dave W – it was good to hear from Nic and Norm but it would be good to hear from other Teck representatives as well.

Scott R – it is good to get other groups together to share information.

Ange Q – thanks for the presentations. They were all good. Remember to bring non-perishable items to the CP Holiday Train as it stops in Sparwood and Fernie tonight.

Shantelle W – thanks for the invitation. The presentations around mental health and Life Kits create good opportunities for discussion and collaboration.

Sarah-Jane N – the presentations were really good. There is a strong association between those who are isolated and mental health issues.

Brad P – thanks for the invitation. It was very informative. The Fernie Chamber of Commerce's focus is on labour shortage in the 2020 Strategic Plan.

Bev M – the presentations were great.

Patty V – great presentations. Pray for snow.

Beth M – a brochure is available on the past and future work on the Westslope Cutthroat Trout research initiative. There will be a community night and Patagonia film screening January 31 at the Arts Station.

Natalie H – this was a great opportunity to talk about mental health and educate people on the effects of stigma.

Arielle D – thanks for having us.

Doug W – great presentations, thanks.

Shelley W – would like to see more information about what is happening that affects Michel Creek Road residents.

Simon H – thanks.

David B – it will be good to take some of this information to the Teck workforce and Health & Safety department. We need to figure out how we can utilize what we learned today.

Blair C – good presentations, learned a lot.

Santo R – very informing.

Rosa R – this is a great avenue for exposure to all that is offered here.

Lois H – thanks for putting together an excellent agenda. The speakers were excellent but at times hard to hear.

Mary G – an incredible amount of information was provided. It should be easily available for those who don't search for help.

Mike L – thanks for the opportunity to be here, learned a lot. A database to provide connectivity to all services offered is a good idea.

Jen D – grateful for the opportunity to share and connect and be made aware of opportunities to collaborate.

Lindsay C – great information. It is important not to be ignorant to the issues as they are not going away. Speak the unspoken.

Alison K – encouraged by everyone's openness

Jason C – thanks for the invitation. Would like to see more presentations on Teck.



Anita P – the College of the Rockies Fernie Campus will be offering the Health Care Assistant (HCA) program again and four of the 16 seats are taken. Please promote the program as there is a shortage of HCAs. Thanks again to Sharon for making the meeting happen. Be kind to one another. We don't know each other's stories.

### **Closing Remarks**

Everyone was invited to have lunch and enjoy each other's company.

Meeting ended at 12:05 pm and was followed by lunch and networking.

Next Steering Committee meeting will be

March 2020

Next Meeting of the Partners will be

July 2020

## December 11, 2019 Advisory Partners Meeting Attendance

Name	Representing	Email
Austin, Deborah	Interior Health Association (IHA)	
Barlow, Marni	IHA	
Beranek, Dave	Southern Guides/Outfitters	
Chattersson, Blair	SDFWA	
Chattersson, Lindsay	IHA Mental Health	
Christensen, Jason	District of Sparwood	
Driscoll, Jen	IHA	
Dyment, Arielle	Canadian Mental Health Assoc. Kootenays (CMHAK)	
Fraser, Norm	Teck	
Giuliano, Mary	Canadian Adaptive Network (CAN)	
Hake, Natalie	CMHAK	
Halko, Lois	Sparwood	
Howse, Simon	Housing/Business/Fernie	
Ko, Alison	IHA	
Low, Mike	CAN	
Macnair, Randal	Wildsight	
MacNaughton, Bev	Sparwood Chamber of Commerce/Tourism	
Madsen, Tyler	District of Elkford	
McDougall, Cal	Sparwood	
McDougall, Norma	Sparwood	
McKerracher, Dean (Mayor)	District of Elkford	
Milligan, Nic	Teck	
Millions, Beth	Elk River Alliance (ERA)	
Nelson, Sarah-Jane	Elk Valley Harm Reduction Collaboration	
Newberry, Doug	BC Community Response Networks (CRN)	
Palmer, Anita	Education/COTR/RDEKA	
Parsell, Brad	CAN/Fernie Chamber/Tourism	
Pearson, Cindy	Capasiti/Fernie	
Qualizza, Ange (Mayor)	City of Fernie	
Robinson, Scott	Community Safety/RDEKA	
Rocca, Rosa Maria	Sparwood CRN	
Rocca, Santo	Sparwood	
Schalekamp, Michele	District of Sparwood	
Sosnowski, Jenn	IHA	
Strom, Sharon	Teck	
Swanson, Stella	CAN	
Vadnais, Patty	North Coal	
Wall, Kerri	IHA Healthy Communities	
Wedderburn, Doug	Sparwood	
Wedderburn, Shelley	Michel Creek Road (MCR) Residents/Sparwood	

Weiss, Shantelle	Elkview Lodge/Fernie	
Whidden, Jared	Teck/Crowsnest Pass	
Wilfong, Marie	ERA	
Wilks, Dave (Mayor)	District of Sparwood	
Williams, Kristie	BC Emergency Health Services (EHS)	

Unable to attend:

Name	Representing	Email
Anonson, Terry	Metis Nation BC/Elkford	
Bauer, Kim	Social Programs/Elkford	
Bertrand, Denise	Motorized Rec/Elkford	
Drain, Joanne	Seniors/Crowsnest Pass	
Schuh, Noah	Youth/Crowsnest Pass	
Thomas, Vickie	Ktunaxa Nation/Cranbrook	
Tomlinson, Leala	IHA/Sparwood	



**Teck and  
 Castle Project  
 Presentations**

Slides 1 & 2



**Forward-Looking Information**

These slides contain certain forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 and forward-looking information within the meaning of the Securities Act (Ontario) and comparable legislation in other provinces.

Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Teck to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements.

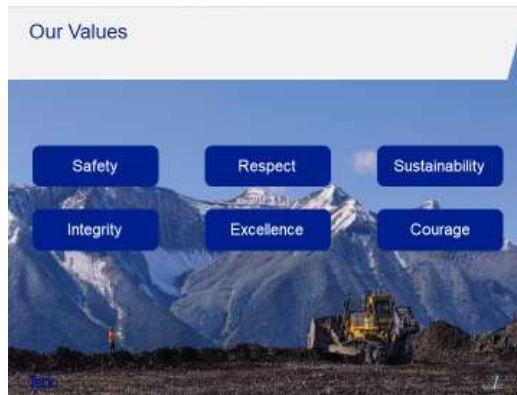
These forward-looking statements involve numerous assumptions, risks and uncertainties and actual results may vary materially.

Certain of these risks are described in more detail in Teck's annual information form available at [www.teck.com](http://www.teck.com) and in public filings with the SEC. Teck does not assume the obligation to revise or update these forward-looking statements after the date of this document or to revise them to reflect the occurrence of future unanticipated events, except as may be required under applicable securities laws.

Under no circumstances should the information contained herein be considered an offer to sell or a solicitation of an offer to invest in securities.

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Slides 3 & 4



**Teck's Performance On Top Environmental, Social and Governance Ratings**

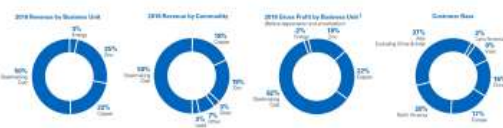
ESG Evaluation	Teck's Performance
<b>GLOBAL 100</b>	<ul style="list-style-type: none"> <li>Named to 2019 Global 100 Most Sustainable Corporations list by Corporate Knights</li> <li>Ranked 37<sup>th</sup> globally; only mining company listed</li> </ul>
<b>Dow Jones Sustainability Index</b>	<ul style="list-style-type: none"> <li>Top-ranked mining company on both the World and North American indices in 2019</li> <li>Included in the index for 10 consecutive years</li> <li>"A" rating since 2013 (scale of CCC - AAA)</li> <li>Outperforming all 10 of our largest industry peers identified by MSCI</li> </ul>
<b>MSCI</b>	<ul style="list-style-type: none"> <li>2nd out of 83 companies in mining &amp; metals category</li> </ul>
<b>ISS QualityScore</b>	<ul style="list-style-type: none"> <li>Environment and Social Scores in top 10% out of all industries</li> </ul>
<b>FTSE 4Good</b>	<ul style="list-style-type: none"> <li>Percentile rank of 81% in mining and metals industry</li> <li>Listed on FTSE 4Good Index Series</li> </ul>
<b>FTSE 4Good</b>	<ul style="list-style-type: none"> <li>Named as one of Canada's Top 100 Employers – recognizing excellence in areas like community involvement and training and skills development</li> </ul>

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Slides 5 & 6



**Global Customer Base**  
 Revenue contribution from diverse markets (2018)



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Slides 7 & 8

**2<sup>nd</sup> Largest Seaborne Steelmaking Coal Supplier**  
Competitively positioned to supply steel producers worldwide



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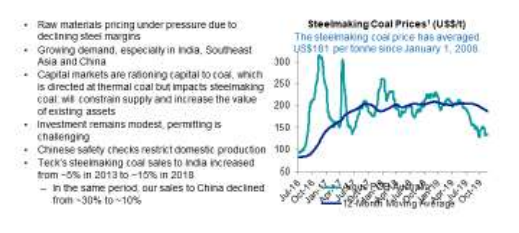
**Strong Financial Position**



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Slides 9 & 10

**Steelmaking Coal Market**



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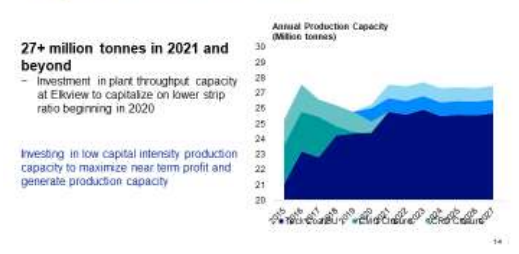
**Maximizing Cash Flow in Any Steelmaking Coal Market**



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Slides 11 & 12

**Long Life With Growth Potential**



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**Key Priorities**



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Slides 13 & 14

Teck Is Actively Pursuing A Transformation  
 Of Our Business Through Technology



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RACE21™

**Renew**

- Unify and modernize Teck's core systems
- Establish technology foundation that facilitates deployment of Connect and Automate (robotics) and at scale
- For example: Wireless-4G infrastructure to support automation, sensing, site communications, information access, pit-to-pit integration and advanced analytics

**Automate**

- Accelerate and scale autonomy program
- Transformational shift in safety
- Reduce per-tonne mining costs with smaller fleets
- Provide innovation platform to enable implementation of advanced analytics to drive cycle time improvement & predictive maintenance

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Slides 15 & 16

RACE21™

**Connect**

- Link disparate systems into a collaborative digital platform with powerful tools for sensing and analyzing in real-time
- For example: Dynamic and predictive models to reduce variability, leading to significant improvements in throughput and recovery

**Empower**

- The natural implication of Renew, Automate, and Connect is we can re-engage what it means to work at Teck and re-design our operating model to attract, recruit, train and sustain the workforce of the future

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Significant Value To Be Captured

<p><b>SAFETY</b></p> <p>Transformational safety impact with fewer people in high risk environments</p>	<p><b>PROFITABILITY</b></p> <p>Step-change impact to profitability</p>	<p><b>PRODUCTIVITY</b></p> <p>Increased productivity through new technologies and internal innovation</p>	<p><b>COST</b></p> <p>Reduced operational costs by achieving manufacturing levels of variability</p>
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Example value-capture areas: Autonomy, Integrated Operations, Advanced Analytics, Real-Time Data Systems

**A Sustainable Future**

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Slides 17 & 18

Sustainability Strategy

- Strong sustainability performance enabled by a strategy built around developing opportunities and managing risks
- Implementing a sustainability strategy with short-term, five-year goals and long-term goals stretching out to 2030



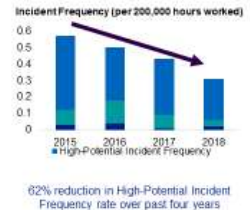
Goals cover the six areas of focus representing the most significant sustainability issues and opportunities facing our company

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Health & Safety Performance

- Safety performance in 2018
  - 28% reduction in High-Potential Incidents
  - 21% decrease in Lost-Time Injury Frequency
- Conducted Courageous Safety Leadership training with 97% of employees
- Two fatalities in 2016: one at Fording River Operations and one at Elkview Operations. Carried out in-depth investigations into the incidents to learn as much as possible and implement measures to prevent a recurrence



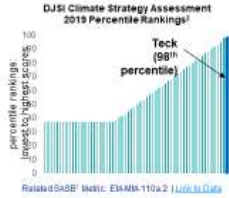
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Slides 19 & 20

**Taking Action On Climate Change**  
 Teck in top 3 of 50+ companies ranked by DJSI

- Goal to reduce GHG emissions by 450,000 tonnes by 2030 and have already reduced 289,000 tonnes of emissions as a result of projects implemented since 2011
- Advocating for climate action – member of Carbon Pricing Leadership Coalition
- Releasing second Climate Action and Portfolio Resilience report in 2019, which is structured to align with the recommendations from the Task Force on Climate Related Financial Disclosure

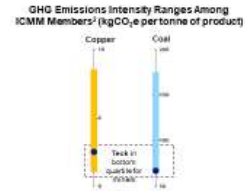


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**Low Cost, Low Carbon Producer**

- Well-positioned for a low-carbon economy
- Among world's lowest GHG intensity for steelmaking coal and copper production
- Fort Hills – one of the lowest carbon intensities among North American oil sands producers on a wells-to-wheels basis<sup>1</sup>
- Carbon pricing already built into majority of business



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Slides 21 & 22

**Responsible Tailings Management**

- Teck has comprehensive systems and procedures in place based on six pillars:
1. Surveillance Technology Staff Inspections
  2. Annual External Inspections
  3. Internal Review Detailed Third-Party Reviews
  4. Internal Review Detailed Third-Party Reviews
  5. Independent Review Boards
- Full emergency preparedness plans are in place at relevant facilities
- Management and emergency response aligned with Mining Association of Canada Towards Sustainable Mining Protocols
- Dam Safety Inspection reports for Teck facilities available online

- Further Tailings Governance Steps**
1. Special review by external experts
    - Confirmed no immediate or emerging issues that could result in failure
    - Confirmed Teck tailings management practices industry leading
  2. Supporting industry-wide improvements
    - ICMA-UNA-PRC global tailings standard
  3. Enhanced transparency & disclosure
    - Facilities inventory posted
    - Detailed response to Church of England's tailings facility enquiry

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**Strengthening Relationships with Indigenous Peoples**

- Agreements in place at all mining operations within or adjacent to Indigenous Peoples' territories



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1/21

Slides 23 & 24

**Employee Relations & Diversity**

- 57% of our employees are unionized
- Focused on strengthening diversity, with women making up 26% of new hires in 2018
- In 2018, 9% of total hires self-identified as Indigenous from our Red Dog, Highland Valley Copper and steelmaking coal operations in the Elk Valley



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**Elk Valley Water Quality Plan**



Slide 24 & 26

### Our Commitment



Line Creek Water Treatment Facility Operating

Fording River Facility being constructed

### Extensive Monitoring



Approximately 100 monitoring stations

Transparently sharing results

Slides 27 & 28

### Moving The Plan Forward



More than 20 R&D projects underway

Plan to invest \$850-900 million over the next five years

### We Are Making Progress



The Elk Valley is our home

We are fully committed to achieving the objectives of the Plan


Slides 29 & 30

### Improving Dust Management Practices In The Elk Valley



We take extensive measures to monitor and manage dust at our operations and are working to identify new methods to improve dust management and

### Current Practices



- Water trucks
- Hydro seeders
- Mister trucks
- Wind fencing
- Chemical dust suppression
- Ongoing reclamation
- Changing blasting practices
- Live monitoring

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Slides 31 & 32

New In 2019

- Capping the Natal Spoil
- Selective dumping and optimizing blast fragmentation
- Trigger Action Response Plans for high and excessive risk fugitive dust sources
- MicroPulse Lidar
- Regional Air Monitoring Network



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Method

Survey

Telephone survey	Conducted using landline and mobile phones, with a combination of targeted sampling and random digit dialing
Sample Size	250 (N=250) n = 200
Field Dates	June 17 <sup>th</sup> to June 27 <sup>th</sup> 2017
Statistical Weighting	Only weighting age and gender
Demographic Base Size	Total base size for 2016-18 is 118,000. Demographics for 2016-18 are based on the 2016 Canadian census for Teck

Focus Groups

- Abacus Data moderated three focus groups in Fernie, on October 2nd and 3rd.
- People were interviewed at random and recruited to participate from the three communities where Teck operates and the surrounding valley.

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Slides 33 & 34

Questions?

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Introduction to Fording River Operations Castle Project

Norm Fraser, Lead Indigenous Initiatives  
 December 11, 2019

Slides 35 & 36

Fording River Operations Overview

In operation since 1972 (Fording Coal Ltd)  
 Teck ownership in 2008  
 Over 285 million tonnes produced  
 • Current production - 8.5-9.5 million tonnes per year  
 Currently - 1,400 employees

Teck Coal Economic Contributions

Teck Coal Economic Contributions (2018): \$3.9 Billion

Includes: Sparwood Tax Sharing \$3.2 Million

Sparwood Economic Contributions (2019):

- Payments to Suppliers \$269 Million
- Number of Employees 804

Fording River Operations represents 1/3 of Teck Coal

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Slides 37 & 38

**FRO Castle Project**

- Extension of Fording River Operations (FRO)
- Castle would become the primary source of coal for FRO and maintain current production rates
- Coal reserves are substantial and could support FRO for many decades



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**Project Location**



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Slide 39 & 40

**Project Planning and Design Status**

Castle Project is currently in pre-feasibility design stage

- Mine pit, spoil locations, tailings, and infrastructure needs are under evaluation
- Further drilling to better define coal reserves
- Baseline environmental and social information collection



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**Revitalized BC Environmental Assessment Process**

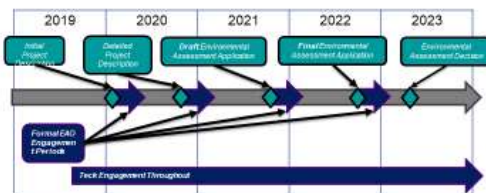
- Castle Project will require an Environmental Assessment (EA)
- Revitalized BC Environmental Assessment Act brought into force on December 2019
- Teck plans to initiate EA process for the Castle Project in early 2020 with submission of an initial Project Description (IPD)
- IPD allows for feedback from government agencies, Indigenous Nations, and communities which can be incorporated into the project design

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Slides 41 & 42

**Key Engagement Windows in the EA Process**



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**Summary and Questions**

- Current permitted area supports operations to mid-2020s
- Castle will be the primary source of coal and sustain Fording River Operations for decades
- Castle enables Teck to retain existing workforce, support local economy including economic benefits to Sparwood

Mental Health  
 Slides 1 & 2



Canadian Mental Health Association  
 Mental health for all

Association canadienne pour la santé mentale  
 La santé mentale pour tous

**Canadian Mental Health Association for the Kootenays**

**Mental Health Programs Presentation**

December 13, 2019

Presented by  
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 La santé mentale pour tous

**About CMHA**

- One of Canada's most established charities, now 100
- Our policies and programs anchored in evidence and informed by people's personal experience.
- We work towards mental health for all, including people with addictions.
- Over 120 locations throughout Canada; 14 in BC



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Slides 3 & 4



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**Our Vision and Mandate**

To promote the mental health, wellness and emotional stability of all individuals within the communities we serve.



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**Housing Services**

- **Abbott Gardens / Gatehouse Gardens** – Affordable housing to individuals who are considered to be at risk of homelessness.
- **Melner Gardens / Senja's Gardens** – Family housing complexes in Golden and Cranbrook.
- **Baker Gardens / Crestbrook Gardens** – Low to moderate income housing for seniors and people with disabilities in Cranbrook and Creston.
- **Peter Julossan Complex** – 1 BR housing units in Cranbrook for low to moderate income older adults.
- **Sheer City Gardens / Anderson Gardens** – Housing for seniors and persons with disabilities in Cranbrook and Nelson.
- **Rosewood Manor** – Housing in Castlegar for low income seniors.
- **Riverview Court / Maranatha Court / Ploveridge Court** – Housing for low income families and individuals in Castlegar.

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Slides 5 & 6



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**Women's Services**

- **Kootenay Haven Transition House** – 30 day transitional housing for women and children fleeing domestic violence.
- **Haven Gardens** – Provides second stage housing and personalized programming for up to 18 months. Includes educational resources, life skills training, and one to one support.
- **Community Outreach** – Program for women experiencing or at risk of violence. Focus on increasing self esteem and healthy relationships.

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**Volunteer Services / Volunteer Kootenays**

Available Kootenay wide which provides a link between organizations in the region and potential volunteers. We recruit, screen and place volunteers within Association programs and within other community based volunteer programs.

- **Volunteer Assisted Shopping** – helps seniors with mobility concerns do their weekly shopping.
- **Senior Friendly Visitors** – a volunteer is connected with a senior who is isolated and living independently by coming to visit once a week.
- **Senior Telephone Check-in Services** – one-on-one telephone conversations to assist with maintaining independence and decreasing social isolation.
- **Snow Angels** – volunteers willing to shovel snow during the winter months are matched with Cranbrook seniors.
- **Volunteer Income Tax Preparation** – volunteers assist low to modest income clients completing their tax returns.

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Slides 7 & 8



### Volunteer Services / Volunteer Kootenays

- **EK-SART – Disclosing Person Advocate Volunteer** – a committed group of trained volunteers who provide support, information, and advocacy services for persons who disclose they have experienced sexualized assault.
- **Crisis/Suicide Intervention** – ICLN Cranbrook crisis line offers 24 hour crisis safety net for the Kootenay Region.
  - 1-888-353-2273 (ICLN crisis line)
  - 310-6789 (mental health support line)
  - 1-800-784-2433 (1-800 suicide)

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### Youth Services

- **PEACE Program** – counselling and empowerment program for children residing in Cranbrook and Kimberley who have experienced violence in the home or having difficulty with parental separation and divorce.
- **Youth Outreach and Family Support** – Cranbrook and Kimberley youth and families at risk are provided supports including advocacy, problem solving, addictions, healthy relationships, and working with parents.

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Slides 9 & 10



### Public Education

- Necessary component for Mental Health awareness and education within our communities.
- We strive to deliver community events and courses that will provide resources, support, and community connection.
- Our public education department believes that ongoing discussions about topics such as suicide, housing, family support, and crisis is important to bettering our community's resilience.

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### Mental Health Services

- **Mental Health First Aid Basic (MHFA)** – This course focuses on four common mental health disorders and prepares participants to interact confidently about mental health.
  - First Aid for overdose
  - First Aid for suicide
  - First Aid for panic attacks
  - First Aid for psychotic disorders

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Slides 11 & 12



### Mental Health Services

- **Applied Suicide First Aid (ASIST)** – a two day intensive, interactive, and practice designed to help caregivers recognize and review risk and intervene to prevent the immediate risk of suicide.



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### Mental Health Services

- **SafeTALK** – half day workshop presents the basic steps for anyone 15 years or older to help a person with thoughts of suicide get connected to the support that they need.



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Slides 13 & 14





### Mental Health Services

- **Bounce Back** – a telephone self help program designed to assist individuals 15+ years of age with mild to moderate anxiety and depression to cope better with life's challenges. Referral from physician or nurse practitioner required.

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### Upcoming Programs and Events







**Community  
Bystander  
Intervention  
Training**

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Slides 15





### Contact Us

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CAN  
 Slide 1 & 2

Community  
Accessibility  
Assessment

Innovative  
Research into  
Participation  
Barriers



Accessibility is  
Determined by  
Community  
Values

- Accessibility is a human right
- Greater the removal of barriers
- Is Integrated by Design
- Does Not Exclude People
- Is Determined by the User and Not (Landscape/Environment)



Slides 3 & 4

**It Takes a Village**

Successful Accessible Community Development

- Assessments that consider the population, the users, an accessibility survey or audit, and particular cultural values
- Commitment to developing a sustainable plan with a team of people, including people with disabilities and functional limitations, building engineers, interior designers, accessibility experts, and budget managers to name but a few
- An ability to collaborate and generate plans in the face of competing priorities
- The ability to implement innovative ideas that have not been done before
- Constant evaluation throughout the process and commitment to keep improving
- Patience for a process lasting 5 – 25 years for a community and roughly 3 years for a large single organization.

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    graph LR
      A[Accessibility Audit] --> B[Creation of an Advisory Committee]
      B --> C[Development of an Accessibility Plan]
    
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Slides 5 & 6

**Innovative Research Design**

- 1 The feature is unsafe for some of the population to use independently.
- 2 The feature is universal for most of the population but may require the users to make some degree of adjustment, such as a high degree of effort, walking, stoop, or repetitive effort.
- 3 The feature is universal for most of the population but may require some degree of physical, walking, stoop, or repetitive effort.
- 4 The feature is universal for most of the population but may require the users to make some degree of adjustment, such as a high degree of effort.

**Accessibility & Universal Design Principals**

<p>Accessible</p>	<p>Universal Design</p>
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Slides 7 & 8

**What Did We Find?**

<p>On Average, Facilities Required High Effort to Access</p>	<p>More than Half of the Facilities were Rated as Unsafe</p>
<p>City Facilities Scored Significantly Lower</p>	<p>Small Investments in Information and Communication Impacts a Large % of PoD</p>
<p>Staff Lack the Training and Policy to Provide Support for PoD</p>	<p>Forced to choose between Dignity Loss or Isolation</p>

**Emergency Instructions & Emergency Areas**

<p>1 in 3 facilities had exits which were unsafe for some of the population to use independently.</p>	<p>1 in 2 facilities had inaccessible emergency instructions</p>
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Slides 9 & 10



Slides 11 & 12



Slides 13



Harm Reduction  
Slides 1 & 2

**TERRITORY ACKNOWLEDGEMENT**

As a step towards reconciliation we respectfully acknowledge that we are gathering together on the traditional, ancestral and unceded territory of the Ktunaxa First Nation.



**HARM REDUCTION DEFINED**

- An umbrella term used to describe programs, policies and practices that aim to reduce the negative consequences associated with behaviours that are typically considered high risk.
- Focused on increasing safety and minimizing injury, death, and disease.
- Evidence based.



From: Health Canada Harm Reduction Guide (2017)



Slides 3 & 4

**HARM REDUCTION BASED SERVICES**

1. Reducing risk of death/injury
  - Naloxone
  - Supervised consumption - overdose prevention sites
  - Opioid Agonist Treatment (OAT)
  - Outreach, education, and peer support
  - Impaired driving prevention - ride home programs
2. Reducing risk of infection
  - Needle distribution
  - Distribution of condoms



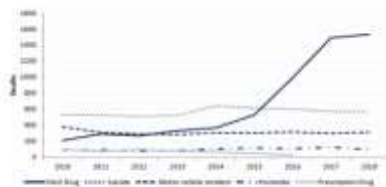
**PUBLIC HEALTH EMERGENCY DECLARED**

Dr. Perry Kendall declared a public health emergency under the *Public Health Act* in April 2016 in response to the increasing number of opioid related overdose deaths throughout the province



Slides 5 & 6

**COMPARISON TO OTHER COMMON CAUSES OF UNNATURAL DEATHS FROM 2010 TO 2018**



**PROVINCIAL OVERDOSE CONTEXT**



Slides 7 & 8

**OVERDOSE CONTEXT IN THE EAST KOOTENAY 2016-2019**



**FINDING OF CORONERS' INVESTIGATIONS**

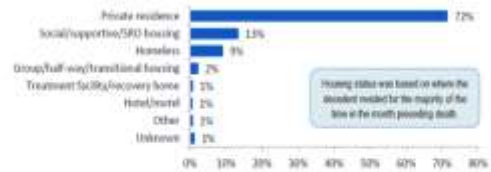


This report summarizes the data from illicit overdose deaths in BC between 2016 and 2017.

Slides 9 & 10

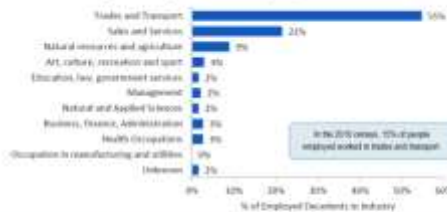
**HIGHLIGHT OF THE STUDY**

- 44% of people were employed at the time of death. Of those employed, 55% were employed in the trades and transport industry.
- 72% of people were living in a private residence at the time of death
- 81% of people who died were male
- 69% of people had used their drugs alone at the time of death



Slides 11 & 12

Fig. 7. Illicit drug overdose deaths by industry of work



**HARM REDUCTION IN THE ELK VALLEY**

Slides 13 & 14



Slides 15 & 16

