ADVISORY INITIATIVE PARTNERS MEETING

Version: Draft Issue Date: July 30, 2015

Minutes of Meeting					
Location: Sparwood Senior Citizens Drop-in Centre	Date: July 23, 2015	Time: 9:00 a.m. – 12:30 p.m.			
Purpose: First 2015 Biannual Meeting					
Attendees: See attached					

Meeting commenced at 9:10 a.m.

Introductory Remarks

Simon Howse welcomed attendees to the meeting and thanked them for being there. Everyone introduced themselves and identified which community of interest they represent.

Exits in case of emergency and the location of the restrooms were pointed out.

Sharon reminded those who were at the July 2014 Partners meeting of the safety presentation by CPR. She noted that, last October, a 16 year old girl from Maple Ridge was hit and killed by train while she was walking on the tracks. She was wearing earbuds and could not hear the train. A similar incident happened a week ago in Cochrane. A girl believed to be in her late teens was struck and killed by a train. Earbuds were found nearby but it wasn't yet known whether or not she had been wearing them.

Sharon's planned safety topic was around boating safety. She stressed the importance of wearing a personal flotation device (PFD) citing an incident in June where a Calgary Firefighter drowned in Columbia Lake. He was not wearing a life jacket. Alcohol was also considered a factor in his death. In this region, the water in lakes and rivers is cold which can significantly affect chances of surviving an accidental immersion. A handout on the 1-10-1 Principle was distributed. Of note was that without a PFD, most people will drown within the 10 minutes of cold incapacitation. Sharon conveyed that two good websites on boating/water safety were the Canadian Safe Boating Council (CSBC.ca) and SmartBoater.ca sites.

Lee-Anne Walker added that an article about river safety was recently in the Free Press following several recent incidents that could have had tragic results. She reminded people of five safety tips: 1) wear a PFD, 2) wear proper wading footwear, 3) if separated from your vessel, swim aggressively towards it, 4) don't stand up until you are in shallow water no more than knee deep and, 5) if you cannot reach your vessel, swim with feet downstream, sculling with your hands.

Teck in Review (see attached presentation)

Before beginning his presentation, Nic Milligan added to the safety message by sharing a discovery about cold water immersion which is in his friend's nonfiction book, *Fatal Tide*. A young man who had been found in the water suffering from hypothermia was believed to have been alive until he was pulled from the water. It is felt that because of the deep state into which the body was shut down, he may have survived if he had been slowly and gently lifted out of the water. The sudden force of movement likely shocked his system and caused his death.

Advisory Initiative Partners Meeting

Version: Draft Issue Date: July 30, 2015

Nic, the Manager Community & Aboriginal Affairs for Teck, began his presentation with Forward-Looking Information and some information on the steps Teck is taking to strengthen its financial position during this period of difficult market conditions.

A number of companies, including BHP, contributed to a significant oversupply of coal. BHP was selling at a loss and flooding the market with low cost coal but it is believed they have adjusted their production guidance.

In addition to weak coal markets, the oil and gas industry were also facing difficulties.

On July 11, there was a landslide event at Line Creek Operations (LCO) resulting from extremely heavy rainfall. Gravel hung up above the canyon mobilized, causing a dramatic slide. Teck is working to keep affected people, such as fly fishermen, informed about the remediation work being done. Nic noted that the slide caused the river to be murky which can be troublesome to fishing guides. It was emphasized that the landslide was a natural event that was not caused by mining. Lee-Anne was able to corroborate the statement saying she recently flew the upper Elk with a helicopter pilot who told her the sediment from the Line Creek slide was nothing compared to some of the other tributaries of the Elk River.

Nic advised that Coal Mountain Operation's (CMO) Corbin Road to Coal Leach Road access has been closed temporarily because water that has been running over the road bears fish. A beaver dam is blocking a culvert and before anything can be done, appropriate regulatory steps must be taken and approvals received. Teck is working with the Provincial government to get the road reopened as quickly as possible. The access has been treated as a community asset but one has to appreciate the process required to do the right thing. Nic thanked everyone for their patience.

Dave Beranek wondered if Teck is aware that the secondary road is considered to be the one escape route in case of emergency and is it now or should it become a part of an emergency plan? Nic noted that the job of the communities team is to relay to project teams the importance of community assets. He thanked Dave for this insight and committed to talking with his team about how the road might fit as part of a regional response plan. There was some discussion about a narrow corridor by the former Michel Hotel and the route being named in the mitigation EA for the Bodie spoil. (Note: following the meeting, Nic investigated this and found that the route is not named in the EA)

Nic responded to Lee-Anne's request to help her visualize the area that is affected by the access closure noting that there are a couple of fords where people cross the Michel Creek. It is recognized that a balance has to be made. Because of the closure, are people being forced to cross a creek rather than a flooded road?

Nic ended his presentation by sharing a number of awards and recognitions Teck received regarding its sustainability progress. An opportunity for questions was provided.

- Q. Gord Were the employees trapped at LCO taken offsite by accessing the back road behind Grave Lake?
- A. Nic Yes. The road required some maintenance before it was passable.
- Q. Mayor McDougall Has Teck reduced its production goals with the shutdowns?
- A. Nic There has been some reduction in the production guidance but exact number is not known (will get the number for Mayor McDougall).
- Q. Lois Can you provide us with a water treatment plant update for LCO and Fording River Operations (FRO).

ADVISORY INITIATIVE PARTNERS MEETING

Version: Draft Issue Date: July 30, 2015

A. Nic – The failure analysis showed that the deaths of 74 fish at LCO's water treatment facility start up were caused by upset conditions of elevated nitrites and hydrogen sulfide and reduced oxygen. After a long process of investigation, more controls will be in place. If given approval from regulators, the startup plan is to recommission the plant in the fall, allowing time to regrow the biology in the reactors hoping for to be at full capacity early in 2016. Teck still believes in the technology. For the pilot at FRO there is no construction yet. They have selected their technology, similar if not exactly like LCO's (will get timeline for Lois).

- Q. Lois What are the results of testing for selenium in the water?
- A. Nic Nic was not aware of results (will find out for Lois). There will be a public meeting in the fall to provide an update on monitoring results. If possible, an update can be provided to the Advisory Steering Committee.
- Q. Shelley At Teck's Michel Creek Road residents' meetings it was said that Elkview Operations (EVO) will be getting two treatment plants. Are they expected to be running by 2020?
- A. Nic There is one planned for EVO and in 2018 FRO will get one first.
- Q. Nelson The mines have annual maintenance shutdowns. How are these shutdowns different?
- A. Nic Years ago they would shut down and keep maintenance crews on. For the current shut downs, there is nobody on site except for those on fire watch. In the recent years, the sites have only shut down a portion of the mine or not at all.
- Q. Lee-Anne Can you speak to the investigation of Teck by Environment Canada. A guide, who is an ERA board member, has been approached by Environment Canada to report deformed fish. Everything seems secretive, leading to rumors being spread.
- A. Nic It is probably best to talk to Environment Canada but, like us, they may not share information because the investigation is ongoing. The investigation is in relation to fish and fish habitat.

Elk Valley Child Care Advisory Initiative (EVCCAI)

Kim Bauer provided an update on the childcare initiative. She described how the Child Care Initiative developed as a result of the mandate of the COI Advisory Initiative meetings when the lack of child care was continually raised as an issue of concern.

The EVCCAI which formed in January 2014 was tasked with investigating, coordinating, planning and developing options for quality, sustainable child care programs and services in the Elk Valley. Issues with child care which emerged included:

- lack of affordable quality spaces
- poor wages and little or no benefits for workers
- difficulty attracting and retaining child care staff
- lack of affordable training/upgrading opportunities for workers
- lack of post-secondary access to early childhood education programs

The last point was locally addressed when in the fall of 2014 the College of the Rockies (COTR) Fernie campus offered a course that would allow participants to become licensed Early Childhood Assistants upon its completion. Following the course, a couple of the participants continued on to obtain their full ECE certificate. This action by the COTR Fernie Campus was a direct result of the relationship the COI

ADVISORY INITIATIVE PARTNERS MEETING

Version: Draft Issue Date: July 30, 2015

Advisory Initiative and EVCCAI have with the campus manager, Anita Palmer. Anita worked hard to have the program offered locally.

It became clear that each Elk Valley community's child care issues are unique and require different solutions. The EVCCAI, in partnership with the Elkford Women's Task Force (EWTF), applied for a grant from Columbia Basin Trust (CBT) to develop a survey to examine child care opportunities and barriers in the area. Successful with the grant application, the EVCCAI was able to hire a social specialist in mid-March. Phoebe Scotland was asked to develop, deliver, analyze and report on the survey and make recommendations based on the results. As well as hoping to better understand concerns related to affordability and availability of child care, the survey was developed to also understand if child care issues create barriers to employment in the Elk Valley.

Two rounds of community meetings have been held in each of Elkford, Sparwood and Fernie to gather feedback to assist with the development and promotion of the survey. The meetings were well attended and many people provided very useful and heartfelt information about their child care experiences.

Radio, newspaper and Facebook were used to broadcast information about meetings and the survey which launched June 5. It was available electronically or in paper form. A link to the survey was placed on the COI Advisory Initiative's website found at www.evcnpvoice.com. The survey closed July 5 with 302 surveys completed. Phoebe is in the process of collating and analyzing the data in preparation for a report and recommendations to be available in mid to late September. Community meetings will be held to deliver the results.

Steering Committee 2015/2016 (see attached matrix)

Simon started the process to elect the 2015/2016 Steering Committee (SC). He advised that he could not find somebody to nominate in his place and although he previously said he would step off the SC, he decided to let his name stand. All of the other 2014/2015 SC members allowed their names to stand. One exception was that Janice Talarico, representing Health, will be a co-member with Kerri Wall who will attend meetings when Janice can't. Sharon advised that Norma McDougall put her name forward for Business and Bev Bellina put her name forward for Education. Anita nominated Scott Robinson, Emergency Program Coordinator for the Elk Valley and South Country sub region, for the position of Community Safety rep. Scott accepted the nomination. There were no other nominations put forward. Because the Steering Committee matrix requires balanced representation from the communities, Simon and Anita will continue to represent Business and Education for Fernie and RDEKA respectively. Bev and Norma were thanked for putting their names forward and it was noted that they can still be involved with ongoing projects and task forces. (see attached matrix)

Flood Solution Strategy (see attached presentation)

Lee-Anne Walker prefaced her presentation with an invitation to become a member of the Elk River Watershed Alliance pointing out that the one-time fee is only twenty dollars. She then noted she has been a member, representing ENGOs, of Communities of Interest (COI) Advisory Initiative since its inception in March 2012 and is pleased to be a part of it.

Information about the Elk River Watershed Alliance's (ERA) Elk River Flood Solutions Strategy was presented by Lee-Anne who explained that the ERA is a community-based water group that runs as a non-profit society with a board of directors representing a broad spectrum of COIs. The mission, principles and main goals of ERA were outlined. Monitoring aquatic health to prioritize collective stewardship efforts, facilitating community dialogue and engagement to better inform decision making

ADVISORY INITIATIVE PARTNERS MEETING

Version: Draft Issue Date: July 30, 2015

and raising community awareness and understanding about the Elk Valley watershed are key goals of ERA with the aim of ensuring the Elk River is drinkable, fishable and swimmable for future generations. Lee-Anne went on to explain the mutually beneficial partnership between Teck and ERA and gave examples of how working with the Advisory Initiative has resulted in successful and notable projects being completed.

ERA's role with the Flood Strategy is to coordinate stakeholders to produce cost effective, timely solutions that increase community resiliency to floods, protect watershed function and enhance wildlife habitat. The Strategy will strengthen collective knowledge about floods that will help when seeking the best choices to respond to floods. Floods damage personal property, put safety at risk, impact ecosystems and wildlife habitat for the good and bad and damage infrastructure which can be costly to taxpayers and can isolate communities.

The Flood Strategy will provide an accessible hydrology report in layman's terms. A flood model, flood mitigation solutions and a cost/benefit analysis will be produced. Two hundred thousand dollars in funding support has been secured and many milestones have been reached. Community outreach will play an important role in the development of the strategy.

Discussion followed the presentation and included synergies that may be possible regarding the project, status of Hartley Lake and the dams being built by young people on coal creek that contravenes the Fisheries Act.

Housing Industry Update (see attached presentation)

Simon began his presentation by explaining that up until about four years ago, the Elk Valley business people who wished to be a part of a regional Canadian Home Builders' Association (CHBA) had to join with the Central Okanagan. Since then, a local Association for the Elk Valley, the CHBC Rocky Mountain, has formed. He explained that he is the current President of the CHBA British Columbia. Some of the focus areas of the CHBA are to: increase membership, educate builders, market the industry, advocate for builders and home owners and to promote energy efficiencies.

One project of the Association is to help municipalities and homeowners understand development cost charges (DCCs) and how it is the homeowners who end up paying them. Sparwood does not have DCCs and Fernie has reduced theirs.

Simon had the opportunity to speak to the Federal Minister of National Revenue, the Honorable Kerry-Lynne D. Findlay, at an event in March at which she was a guest speaker. She spoke about the underground economy that is a serious problem in the home building industry and how the government is working to correct it. Simon pointed out to Minister Findlay that the government auditors tend to target legitimate builders rather than those working underground. He personally received his second notice for audit. The issue seems to have gone away.

Another task of the CHBA was to lobby to get back the former Home Accessibility Tax Credit that was offered to those who renovated their homes. It is now being offered again but is restricted to seniors.

The promotion of continuing education for homebuilders is another undertaking of the CHBA. So far British Columbia is the only province able to enforce continuing education as a licensing requirement.

Some of the awards associated with CHBA were noted by Simon as were some of the home certification programs for which builders strive to attain.

Advisory Initiative Partners Meeting

Version: Draft Issue Date: July 30, 2015

The presentation on Housing ended with some statistics about the industry in British Columbia as well as those specific to Elkford, Sparwood and Fernie from the 2011 Stats Canada Census. Some of the stats were surprising to attendees while a number were not. Questions were asked:

- Q. Lee-Anne Given the age of the people in Fernie and the movement towards tiny houses, has thought been given to a subdivision with a common area for tiny house development?
- A. Simon As an advocate for tiny houses for some time, the right guy was asked the question. Building costs are associated with square feet but in reality it is cubic feet that affect costs. Land costs are becoming more of a factor as well. Twenty years ago, the cost for a house was about three times the average annual income. Now it is five to eight times the average. It would be good to bring back small lot zoning although, in the past, when lots got smaller the houses didn't and this is a challenge for Council.
- C. Dave It seems that sustainability of communities is at risk if people can't afford to live in the Elk Valley. Many miners rent beds while working here but live in Cranbrook or Lethbridge, for example, because housing is more affordable. In addition, when the RDEK subdivided land, people who don't live here bought it. This really doesn't help the communities.
- C. Nic The first point is a challenge for Teck when trying to hire local. As to the second point, one can't prevent people from buying here and not living in the community.
- Q. Mayor Giuliano In the Kootenays, the average price for a medium house is about \$269,000. In Fernie, it is over \$425,000. Why is it so much higher?
- A. Nic The market drives the cost of housing.
- C. Lee-Anne The cost of housing in Fernie is prohibitively expensive for many people. Lots of people who want to retire and live in Fernie move because of unaffordable housing.
- A. Simon The cost of a house is based on the price of the land, the cost to develop it and the building costs. There is limited available land in Fernie and with new requirements, it is costly to develop. The cost of materials to build in the Elk Valley is more expensive than other jurisdictions.
- C. Terry For clarification, Sparwood doesn't have DCCs because of reserves built from previous land sales that allow for infrastructure development. That being said, the savings from no DCCs does not often go to the home owner but rather to the developer because they charge what the market will bear.
- C. Simon The Federal government needs to stop downloading costs to municipalities.
- Q. Nic What do you see happening with the housing market as, in addition to the coal market, the oil industry is looking grim? Will there be a continued demand for building.
- A. Simon The market is actually strong. There have been good sales on present developments. The industry has to match demand. The smaller, more affordable houses in communities are selling more quickly. There is a project in Calgary where the 400 square foot units have sold out.

Closing Remarks

Simon asked everyone, as is tradition at these meetings, to share a comment regarding the meeting and its presentations:

- Gordon said the meetings have always been very interesting and today's was as well.
- Lois thanked the presenters and noted she enjoyed them all

ADVISORY INITIATIVE PARTNERS MEETING

Version: Draft Issue Date: July 30, 2015

- Scott B. felt the topics were very good and knows one can talk all day about child care.
- <u>Mayor McDougall</u> said the presentations were very informative and asked Simon if he can get a copy of his presentation containing the local statistics.
- <u>Nic</u> enjoyed the presentations and expressed gratitude for people's attendance. He feels these meetings are great forums for discussion.
- <u>Terry</u> apologized for being late but noted she enjoyed the part of the meeting she was able to catch.
- <u>Bev</u> really enjoyed the presentations and thought the information Lee-Anne shared about fish was great.
- <u>Mayor Giuliano</u> felt the meeting was great and she expressed her appreciation for the opportunity to receive the information.
- Dave enjoyed the presentations that covered off some good basic information.
- <u>Lee-Anne</u> thanked Teck for the opportunity to be a part of the Initiative from the beginning
 until now. Almost after every meeting, ideas are formed that are carried out with support from
 connections made at the meeting.
- Nelson thanked all of the presenters for speaking to very good topics.
- Scott R. noted that this is his first meeting but he found the topics to be very interesting.
- <u>Shelley</u> agreed that the meeting was very informative and interesting and added that she always comes away having learned something.
- <u>Janice</u> felt there was value in the meeting because although she is able to pick up bits and pieces of information in the community, the COI Advisory meeting is a venue that brings a lot of information together.
- <u>Anita</u> said she is honored to be a part of this initiative where the participants are not spinning their wheels. The meetings are interesting and informative and people are passionate about what they do.
- <u>Liam</u> agreed that the information was interesting and presenters were passionate about their topics.
- <u>Kim</u> believes there is great value in the meetings and enjoys being a part of them. She thanked Sharon for making them happen.
- <u>Simon</u> thanked everyone for attending. He noted that the Steering Committee is one of action but it has more to do. The initiatives that are being brought to the table are for the benefit of all in the Elk Valley.
- <u>Sharon</u> thanked everyone for attending and participating in the discussion. She then advised that food was ready and she invited attendees to fill their plates and enjoy a networking lunch.

Meeting ended at 12:00 p.m. followed by lunch and departure by 12:30 p.m.

Next Meeting of the Partners will be December 2015

Next Steering Committee meeting will be September 2015

TECK COAL ELK VALLEY COMMUNITIES OF INTEREST ADVISORY PANEL JULY 23, 2015 ATTENDANCE

Name	Representing	Email		
Arbuckle, Liam	Youth/CCHS	<u>liamarbuckle@telus.net</u>		
Bauer, Kim	Social Programs/EWTFS	ewtf@telus.net		
Beeching, Scott	District of Elkford	sbeeching@elkford.ca		
Bellina, Bev	SD5	bbellina@telus.net		
Beranek, Dave	Guide/Outfitters	packhorsecrk@elkvalley.net		
Galloway, Gordon	Motorized Recreation	gmoose@telus.net		
Giuliano, Mary	City of Fernie	mary.giuliano@fernie.ca		
Halko, Lois	District of Sparwood	<u>lhalko@sparwood.ca</u>		
Howse, Simon	Business/Housing	showse@parastone.ca		
McDougall, Cal	District of Sparwood	mayor@sparwood.ca		
Melcer, Terry	District of Sparwood	tmelcer@sparwood.ca		
Milligan, Nic	Teck Community Affairs	nic.milligan@teck.com		
Palmer, Anita	COTR Post-Secondary Ed	apalmer@cotr.bc.ca		
Robinson, Scott	RDEK EVSC/Fernie	skrpc@shaw.ca		
Strom, Sharon	Teck Community Affairs	sharon.strom@teck.com		
Talarico, Janice	Interior Health	janice.talarico@interiorhealth.ca		
Walker, Lee-Anne	ENGO/Elk River Alliance	lee-anne@elkriveralliance.ca		
Wedderburn, Shelley	Michel Creek Rd Residents	shelley1226001@msn.com		
Wight, Nelson	District of Sparwood	nwight@sparwood.ca		

Unable to attend:

Name	Representing	Email		
Anonson, Terry	Aboriginals/Metis	terryanonson@elkvalley.net		
Drain, Joanne	Seniors/CNP	jvdrain@shaw.ca		



ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Teck Presentation

Slides 1 & 2



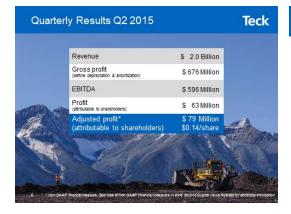


Slides 3 & 4





Slides 5 & 6



Teck's Response to Changing Coal Market Conditions

Teck

- With oversupply of steelmaking coal and China's demand recently beginning to slow, the price of coal is at its lowest in over a decade
- Teck is continuing to focus on reducing costs and improving efficiency
- On June 28th, Teck began implementing temporary shutdowns at its five steelmaking coal operations in the Elk Valley as well as at Cardinal River Operations near Hinton, Alberta
- Shutdowns are being staggered over the summer months among the operations with each operation temporarily shut down for approximately three weeks in this third quarter of 2015
- This measure is part of a disciplined approach to align production and inventories with changing coal market conditions

ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 7 & 8

Line Creek Operations Landslide Event

Teck

- On the evening of July 11, a landslide event occurred adjacent to the Line Creek Canyon access road, blocking access to Line Creek Operations. A partial blockage of the Line Creek also resulted.
- · There were no injuries, and employees were transported from the mine site via an alternate road.
- The slide was a result of heavy rains and not related to mining
- · Mining operations at Line Creek are temporarily halted.
- · Remediation work associated with the recovery is underway and set to continue through the planned shutdown which began yesterday, July 22.
- · We are working to recommence operations August 4.
- · All remediation work is being undertaken in a manner that prioritizes employee and contractor safety and is protective of the environment

Corbin Road to Coal Leach Road Access

Teck

- On July 13, Teck took the step of temporarily closing the access which connects Coal Leach Road to Corbin Road over the Michel Creek.
- Signs are in place at appropriate locations to inform recreational users that the access is temporarily closed.
- · This is necessary because it has been determined that water within the Michel Creek floodplain is flowing over the road and contains fish
- · We are currently developing a mitigation plan to protect fish over the long term and reopen the road as soon as possible

Slides 9 & 10

We are achieving global recognition for our efforts



Questions?

Teck





One of top 100 most sustainable companies in the world and one of Canada's most sustainable companies Dow Jones Sustainability Indices

On the Dow Jones Sustainability World Index five years in a row



PDAC Received the PDAC S GLOBE AWARDS

Top 50 Socially Responsible 2014 Environmental Corporations in Canada and Social Responsibility Award Received the Globe Foundation Environment Award in 2014

Teck's newly released 2014 Sustainability Report can be found at: www.tecksustainability.com

Thank you

If you have questions or feedback about Teck's operations in the Elk Valley you can:



Flood Strategy Presentation

Slides 1 & 2

Elk River Flood Solutions Strategy (Flood Strategy)



COMMUNITIES OF INTEREST ADVISORY INITIATIVE

July 23, 2015 @ Sparwood Seniors Centre



Lee-Anne Walker, Executive Director Elk River Watershed Alliance (ERA) lee-anne@elkriveralliance.ca

What is the Elk River Watershed Alliance (ERA)?



ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 3 & 4

Community-based water group with 3 main goals



1. Monitor aquatic health to prioritize our collective stewardship efforts.



Slides 5 & 6

 Facilitate community dialogue and engagement to better inform sustainable water decision-making.



3. Raise community awareness and understanding about our watershed.



Slides 7 & 8

Benefits of COI

Teck and ERA have a mutually beneficial partnership - both:

- $\hbox{*} \ \mbox{Want to better understand and appreciate water quality;}$
- * Promote water efficiency and promote fair use of water;
- * Mitigate the effects of human action in the watershed;
- * Respect the shared use of this common water resource;
- Committed to a relationship based on trust, honesty, support and dialogue.

"... right thing to do and as a good neighbour" Adaptablity Teck 2014 Sustainability Report – Case Study

Results of building a 'WATER community of interest' with Teck

- . Elk Watershed Discovery Camp 11-14 year olds applied math, science, place-based, inquiry focused.
- Mining Week Water Quality 2014, Mining for Soil Sustainability 2015
- Watershed planning Elk River Flood Solutions Strategy, Elk Valley CEMF, CBWN
- 4. Stewardship activities Silver Springs, Shoreline Cleanup, Alexander Creek, Wetlands in our Watershed
- Community-based water monitoring Lizard & Alexander Creeks

ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 9 & 10

ERA's Role in the Flood Strategy – Facilitate and Coordinate



Coordinate stakeholders to produce cost effective, timely solutions that increase our resiliency to floods, protect watershed function and enhance wildlife habitat.

What is the Elk River Flood Solutions Strategy?

- * Coordinated, inclusive, watershed-wide approach to strengthen our collective knowledge about floods.
- * Examine the best choices (e.g. structural/non structural) to respond to floods that help people and use our resources wisely, while enhancing watershed function and protect wildlife.

Slides 11 & 12





Slides 13 & 14





ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 15 & 16

Impact ecosystems and wildlife habitat – both for the good and bad



Damage infrastructure costing taxpayers money and isolate communities



Slides 17 & 18

How can this Flood Strategy help?

Accessible understandable hydrology report Flood model & animation tool

Flood mitigation solutions & cost/benefit analysis

conversation about flood needs and solutions

Training on how to use these tools

Elk River Flood Solutions Strategy: Milestones to Date

- * Secured over \$200,000 in funding support
- * Building a broad-based steering committee of experts
- * Elk River hydrology and flood analysis report DRAFT
- * GIS information secured for flood modeling
- * Elk River community outreach education display
- * Oral history interviews
- * Historical analysis of flooding 2013, 1995, 1974
- * Secured sub-contractors: biologist, hydraulic engineers
- * Community input workshop October 14, 2015

Slides 19 & 20

Elk River Community Outreach



Thank you for loving the Elk River!



ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Housing Industry **Update**



Slides 1 & 2



Presentation to Teck Coal Communities of Interest Initiative



Slides 3 & 4

KEY POINTS OF THIS PRESENTATION

- ✓ Who we are
- ✓ CHBA 3 Level Association
- ✓ Focus areas
 - Membership

 - Marketing Advocacy
- Energy Efficiencies ✓ Our Industry
- ✓ Highlights





Who we are

- "The voice of Canada's residential construction industry"
- ♦ 8,500 Members
 ♦ 1,600 BC members
- New home builders Renovators
- Trade contractors
- Product and material manufacturers, building product suppliers, lending institutions, insurance providers, service





Representation at 3 Levels

- Local
- Provincially
- National







ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 7 & 8



Slides 9 & 10



Slides 11 & 12



ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 13 & 14



Advocacy



- Ability to Influence provincial policy and regulation
- Bi-monthly Advocacy Update
- Provincial Update
- Up to date on regulatory and Building Code Changes



Home Certification Programs



Relationship to CHBA BC CHBA BC is a Service Organization, licensed with Natural Resources Canada to train Certified Energy Advisors and produce EnerGuide Labels. We are one (the largest) of approx. five in BC.

Slides 15 & 16



Home Certification Programs



ENERGY STAR homes perform 20% better than code, must reach EnerGuide 81 or higher, no more than 2.5 Air Changes per hour and have installed an HRV.

Relationship to CHBA BC: CHBA BC has launched the delivery of ENERGY STAR in BC April 01. We have trained our CEAs and provided builder



Home Certification Programs



R-2000 homes perform 50% better than code, must reach EnerGuide 86 or higher with no more than 1.5 Air Changes per hour.

Relationship to CHBA BC: CHBA BC has been delivering R-2000 for 30 Years

Slides 17 & 18





Built Green is a flexible program with four possible certification levels and no EnerGuide rating minimums

Relationship to CHBA BC: From 2005 to 2014, CHBA BC delivered the program in our province and had a delivery agreement in place with Built Green Canada. As of January 01, 2015, CHBA BC will provide the EnerGuide label for builders wishing to pursue a BUILT GREEN certification but all Built Green materials will come from Built Green Canada.

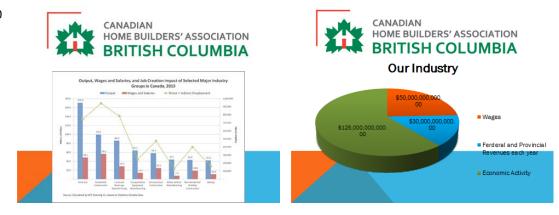


Our Industry

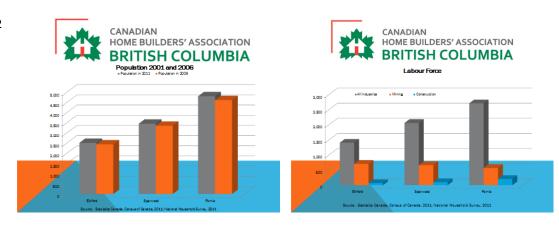
ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

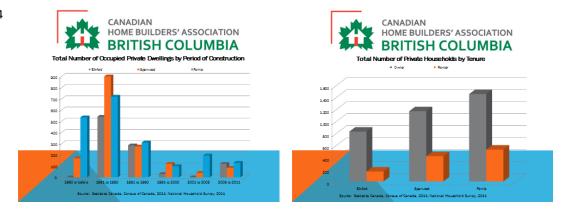
Slides 19 & 20



Slides 21 & 22



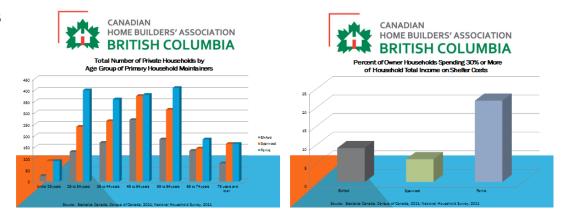
Slides 23 & 24



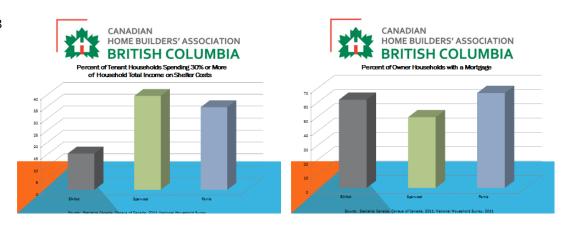
ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

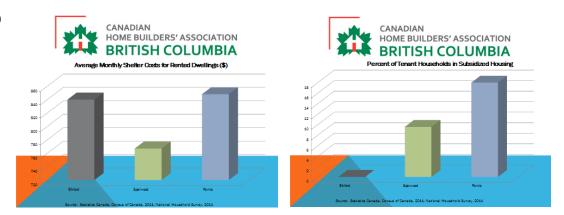
Slides 25 & 26



Slides 27 & 28



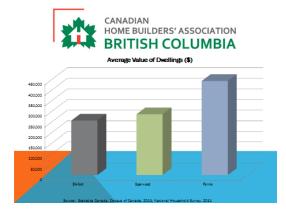
Slides 29 & 30



ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

Slides 31 & 32





CHBA BC Highlights

- Increase to threshold for Property Transfer Tax exemption for first-time home buyers
- * BC Hydro connection program improvements
- ♦ Minimum Wage
- HPO Enhanced Licensing System
- · Rebar Tariff
- ♦ Uniform Building Code

Slide 33



Thank you.



TECK COAL ELK VALLEY COMMUNITIES OF INTEREST ADVISORY INITIATIVE PARTNERS MEETING PRESENTATION

Version: Issue Date:

	TECK COAL ELK VALLEY COMMUNITIES OF INTEREST INITIATIVE								
STEERING COMMITTEE NOMINEE SELECTION MATRIX 2015/2016									
	Crowsnest Pass	Elkford	Sparwood	Fernie	RDEK Area A	Other			
Local Government			Lois Halko						
ENGOs					Lee-Anne Walker				
Michel Creek/GN Rd Resident			Shelley Wedderburn						
Youth	Liam Arbuckle								
Seniors	Joanne Drain								
Business				Simon Howse					
Education					Anita Palmer				
Health Care			Janice Talarico	(Kerri Wall)					
Social Services		Kim Bauer							
Community Safety				Scott Robinson					
Recreation Users		Gordon Galloway							
Aboriginal		Terry Anonson							
Teck			Sharon Strom						