

Regional Community Liaison Committee Annual Report – 2019

*Site C Clean Energy Project
March 31, 2020*

Table of Contents

Table of Contents	2
1 Background	3
1.1 Environmental Assessment Certificate Conditions	3
1.2 Community Agreements	4
2 Regional Community Liaison Committee	4
2.1 RCLC Purpose, Funding and Composition	5
2.1.1 Purpose	5
2.1.2 Funding	5
2.1.3 Composition	5
2.2 RCLC Meetings in 2019.....	6
Appendix A: Terms of Reference	8
Appendix B: 2019 Regional Community Liaison Committee Meeting Agendas and Meeting Summary Notes	12
Appendix C: List of Supporting Materials	13
Appendix D: RCLC Action Item Tracking Log – 2019.....	16

1 Background

The Site C Clean Energy Project (the Project) is a hydroelectric dam and generating station under construction in northeast B.C. Construction started in July 2015 and will be in service in 2024. The Project will help meet future electricity needs by providing 1,100 megawatts of dependable capacity, and producing about 5,100 gigawatt hours of energy each year — enough to power the equivalent of 450,000 homes per year. Once built, the Project will be a source of clean, reliable and cost-effective electricity in B.C. for more than 100 years.

The key components of the Project are:

- Access roads and a temporary construction bridge across the river, at the dam site.
- Worker accommodation at the dam site.
- Upgrades to 240, 269, 271 and Old Fort roads.
- The realignment of six segments of Highway 29.
- Two temporary cofferdams across the river to allow for construction of the earthfill dam.
- Two new 500 kilovolt transmission lines connecting Site C to the Peace Canyon Substation, within an existing right-of-way.
- Shoreline protection at Hudson's Hope, including upgrades to DA Thomas Road.
- An 800-metre roller-compacted-concrete buttress to enhance seismic protection.
- An earthfill dam, approximately 1,050 metres long and 60 metres high above the riverbed.
- A generating station with six 183 MW generating units.
- An 83-kilometre-long reservoir that will be, on average, two to three times the width of the current river.

1.1 Environmental Assessment Certificate Conditions

The Regional Community Liaison Committee (RCLC) is a key information and notification tool that is identified in the Site C Construction Communication Plan (see [Construction Environmental Management Plan, Appendix C – Construction Communication Plan, Section 3.2 Information and Notification Tools](#)). The Site C Construction Communication Plan was developed in accordance with Conditions 39, 43 and 72 of the Environmental Assessment Certificate (EAC), and guides construction communications and community relations during the construction phase of the Project (see Table 1). The RCLC has been implemented in order to meet the objectives set out in the Site C Construction Communication Plan.

Construction began on the Project on July 27, 2015 and the RCLC held its first meeting on March 11, 2016. The 2019 Regional Community Liaison Committee Annual Report (the Report) provides a review of the Committee meetings held from January 1, 2019 – December 31, 2019, which covers the fourth calendar year following the Committee's establishment.

Table 1. Overview of EAC Condition 72

Condition Number	Condition	Plan Reference
EAC Condition 72	<p>The EAC Holder must manage effective communications for the Project by implementing measures in communication plans and a business participation plan.</p> <p>The following communication and participation plans are to be developed and implemented:</p> <ul style="list-style-type: none"> • Business Participation Plan; • Construction Communication Plan; and • First Nations Communication Plan. <p>Each plan in addition to plan specific conditions identified in this document will include:</p> <ul style="list-style-type: none"> • Clear Statement of Objectives; • Audiences; • Key activities and tools; and • Annual summary reporting. 	<p>BC Hydro is meeting this condition.</p> <p>The following plans have been developed (dated June 5, 2015) and are actively being implemented.</p> <ul style="list-style-type: none"> • Business Participation Plan; • Construction Communication Plan; and • First Nations (Aboriginal) Group Communication Plan.

1.2 Community Agreements

BC Hydro is working with communities to reach agreements that will provide lasting benefits for residents in the Peace region. To date, BC Hydro has reached a regional legacy benefits agreement with the Peace River Regional District and its member communities and community agreements with the District of Chetwynd, City of Fort St. John, District of Hudson’s Hope and the District of Taylor.

A Regional Community Liaison Committee was proposed in the following agreements between BC Hydro and communities in the Peace region:

- [District of Chetwynd Community Agreement](#)
- [City of Fort St. John Community Measures Agreement](#)
- [District of Taylor Community Agreement](#)

BC Hydro is meeting its commitment under these agreements by establishing the RCLC and implementing the Committee for the duration of Project construction.

2 Regional Community Liaison Committee

BC Hydro is engaging key municipal, regional and provincial government stakeholders to ensure they are kept up-to-date on the status of the Project. The Regional Community Liaison Committee (RCLC) replaces the Regional and Local Government Liaison Committee (RLGC) that was established in 2010. The RLGC met for the last time on July 16, 2014.

BC Hydro established the RCLC during Project construction to foster dialogue between BC Hydro, Peace region municipal and regional government officials, Peace region provincial government officials and Indigenous groups. The RCLC is an advisory forum for members to receive information about project construction, mitigation and compliance reporting, and to bring forward community interests, issues and concerns about the Project.

Four RCLC meetings were held in 2019, three in Fort St. John and one in Taylor; one site tour and one boat tour for RCLC members were held in addition to the meetings. A list of the meetings can be found in Section 2.2. The Terms of Reference (Appendix A) for the RCLC specify a minimum of four meetings a year.

In addition to the RCLC, BC Hydro will continue to meet directly with municipalities to implement individual community agreements and engage with key municipal staff to discuss specific issues of interest.

2.1 RCLC Purpose, Funding and Composition

The complete Terms of Reference for the Regional Community Liaison Committee (RCLC) can be found in Appendix A. An amendment to the Terms of Reference, section 3.6.5 Annual Report, was approved at the September 2017 Regional Community Liaison Committee meeting.

2.1.1 Purpose

The purpose of the Regional Community Liaison Committee is:

- To bring representatives from the Peace River region including regional government, local government, MLAs and First Nations together with BC Hydro project officials in a regular forum to discuss the Project.
- To facilitate timely information exchange to ensure accurate information regarding the Project, in particular construction activities and schedules, mitigation measures, procurement and employment, is available to communities during Project construction.
- To provide a forum for BC Hydro and community representatives to discuss and address local interests, enquiries and concerns in a timely and cooperative manner, subject to financial, technical and schedule constraints.

2.1.2 Funding

BC Hydro pays for meeting venue costs and refreshments. BC Hydro provides a Coordinator to manage meeting logistics and committee records.

2.1.3 Composition

The RCLC includes the representatives listed below. Members of the committee are those representatives who respond to the invitation to participate in the RCLC and attend meetings regularly or send a delegate.

BC Hydro representatives (or delegate):

- Chair, Director, Environment, Regulation, Community Impacts & Properties Site C

- On and Off-Site Construction Management Representatives
- Site C Community Relations Manager
- Site C Community and Social Mitigation Manager
- RCLC Coordinator
- Technical experts, as needed

Community representatives (Mayor, CAO, Chief or other elected delegate)¹:

- MLA, Peace River North
- MLA, Peace River South
- Blueberry River First Nation
- District of Chetwynd
- City of Dawson Creek
- Doig River First Nation
- City of Fort St. John
- Halfway River First Nation
- District of Hudson's Hope
- McLeod Lake Indian Band
- Peace River Regional District
 - Electoral Area 'B'
 - Electoral Area 'C'
 - Electoral Area 'D'
 - Electoral Area 'E'
- Village of Pouce Coupe
- Saulteau First Nation
- District of Taylor
- District of Tumbler Ridge
- West Moberly First Nation

2.2 RCLC Meetings in 2019

Four RCLC meetings were held in 2019 in Fort St. John and Taylor, and one site tour and one boat tour took place in addition to the scheduled meetings:

- March 13, 2019

¹ To date, the following Indigenous groups have participated in the Regional Community Liaison Committee (RCLC): Blueberry River First Nation, Doig River First Nation, Saulteau First Nation and McLeod Lake Indian Band. Invitations to participate in the RCLC continue to be extended to: Halfway River First Nation, and West Moberly First Nation.

Regional Community Liaison Committee Annual Report: 2019
Site C Clean Energy Project

- June 19, 2019
- September 18, 2019 (plus boat tour)
- October 15, 2019 (Site tour)
- December 11, 2019

Meeting agenda and summary notes are included in Appendix B, and material content to support RCLC meetings is listed in Appendix C. Action Items from the 2019 RCLC meetings are listed in Appendix D.

Appendix A: Terms of Reference

BC Hydro Site C Clean Energy Project Terms of Reference: Regional Community Liaison Committee FINAL June 2016 (AMENDED September 2017)

1. Introduction

In 2010, BC Hydro established the Regional and Local Government Liaison Committee (RLGC). This Regional Community Liaison Committee (RCLC) replaces the RLGC for the Site C Clean Energy Project (Project) to provide a forum for BC Hydro and elected officials to share information and discuss community interests, enquiries and potential benefits related to the Project. The RLGC met for the last time on July 16, 2014.

BC Hydro has established the RCLC during Project construction to foster dialogue between BC Hydro, Peace region local governments and First Nations. The RCLC will provide awareness of construction activities, construction schedules, local interests, enquiries and concerns, and encourage participation and input from RCLC representatives. The RCLC will be an advisory committee to BC Hydro.

2. Purpose

- 2.1. To bring representatives from the Peace River region including regional government, local government, MLAs, and First Nations together with BC Hydro project officials in a regular forum to discuss the Project.
- 2.2. To facilitate timely information exchange to ensure accurate information regarding the Project, in particular construction activities and schedules, mitigation measures, procurement and employment, is available to communities during Project construction.
- 2.3. To provide a forum for BC Hydro and community representatives to discuss and address local interests, enquiries and concerns in a timely and cooperative manner, subject to financial, technical and schedule constraints.

3. Meeting Logistics

- 3.1. **Chair:** RCLC meetings will be chaired by a BC Hydro senior manager for the Project.
- 3.2. **Co-chair:** RCLC meetings may be co-chaired by a representative, as determined by representatives at the end of a preceding meeting. Co-chairs will bring forward specific community issues to lead discussion at the following RCLC meeting.
- 3.3. **Venue:** RCLC meetings will be held in Fort St. John, but also rotate to member communities at the discretion of representatives. A venue will be recommended by the host community or BC Hydro. BC Hydro will be responsible for making the meeting arrangements (see section 5.2). Teleconference options will be provided whenever possible at the venue.

- 3.4. Schedule:** The RCLC will meet at least four times per calendar year, and up to monthly, during Project construction, as determined by the RCLC or at the call of the chair. During the first year the RCLC will meet at least six times.
- 3.5. Expenses:** BC Hydro will pay for meeting venue costs and refreshments. BC Hydro will provide a Coordinator to manage meeting logistics and committee records, as described below.
- 3.6. Committee Records:** BC Hydro will provide a Coordinator to manage the distribution of materials as described below (dates may vary due to statutory holidays).
- 3.6.1. **Agendas:** The draft Agenda will be circulated a minimum of 14 days prior to the meeting. Representatives will be able to provide comments and recommend agenda items. The final Agenda will be distributed to representatives at the meeting; however the Agenda can be adjusted at the meeting at the request of the representatives.
- 3.6.2. **Meeting materials:** All representatives will strive to send meeting materials 7 days in advance of meetings.
- 3.6.3. **Reporting:** BC Hydro and/or its contractors will provide data on employment (PRRD, BC, Rest of Canada and Aboriginal), contractors and sub-contractors, and enquiries to the RCLC.
- 3.6.4. **Meeting Summary:** The Coordinator or an alternate will attend meetings and prepare a draft meeting summary which will be distributed to representatives for comment. Representatives will have 7 days to provide comments and accept the summary notes after which the draft version will be deemed final and distributed to the committee. If any comments are conflicting they will be reviewed at the next RCLC meeting before a final version is distributed.
- 3.6.5. **Annual Report:** The Coordinator will prepare an annual report of the committee approximately 90 days after January 1 of each year covering the calendar year prior to that date. The annual report will include the activities, materials and summary of meetings from the prior year. This will allow the report to reflect meetings held in the initial 12 months and provide three months to draft and issue the annual report.
- 3.6.6. **Public Posting of Records:** Meeting summaries and presentations will be posted on the Project website except those identified by the committee as sensitive or confidential. The annual report of the committee will be posted on the Project website.
- 3.6.7. **Reporting Templates:** Templates for regular reporting to the committee on project employment, regional business involvement, and project enquiries will be developed and shared with the Committee, and will include information on how reports will be shared by the committee with the public.

3.7 Communications and Confidentiality

- 3.7.1 **Media Spokesperson:** The BC Hydro Site C Community Relations Manager will be the BC Hydro media spokespeople on issues relating to the RCLC. BC Hydro will not speak on behalf of representatives and any joint announcements or releases will be reviewed by all RCLC representatives prior to issuance.

- 3.7.2 **Confidentiality:** The general public and the media are not permitted to attend meetings. To foster open dialogue between representatives, information shared during general discussions of the committee will be kept confidential. BC Hydro project updates, project information (including data on employment and contractors/sub-contractors) and enquiry responses (with identifying information removed) shall not be considered confidential unless indicated.

4. Membership

The RCLC will include the following representatives, which may change as staffing, roles or elected officials change. Committee representatives may designate another elected representative as a delegate, if they are unable to attend. Members of the committee are those representatives who respond to the invitation to participate in the RCLC and attend meetings regularly or send a delegate.

4.1 BC Hydro representatives (or delegate):

- Chair, Environmental, Aboriginal Relations, Public Affairs Director, Site C
- Site C Construction Management Representative
- Site C Community Relations Manager
- RCLC Coordinator
- Technical experts as needed

4.2 Community representatives (Mayor, Chief or other elected delegate):

- MLA for Peace River North
- MLA for Peace River South
- Blueberry River First Nations
- District of Chetwynd
- City of Dawson Creek
- Doig River First Nation
- City of Fort St. John
- Halfway River First Nation
- District of Hudson's Hope
- McLeod Lake Indian Band
- Peace River Regional District
 - Electoral Area 'B', Peace River Regional District
 - Electoral Area 'C', Peace River Regional District
 - Electoral Area 'D', Peace River Regional District
 - Electoral Area 'E', Peace River Regional District
- Village of Pouce Coupe
- Saulteau First Nations
- District of Taylor
- District of Tumbler Ridge
- West Moberly First Nations

4.3 Invited Guests

- 4.3.1 Each community may appoint one senior staff person, for example, the Chief Administrative Officer, to observe RCLC meetings and to provide support to the representative.

- 4.3.2 Representatives may invite additional staff or technical advisors to RCLC meetings, to deal with certain agenda items, with prior discussion and agreement of the Chair. The Chair will advise the RCLC of any invited guests through issuance of the final agenda in advance of the meeting the purpose or role of the technical advisor.
- 4.3.3 Public requests to attend or present to the RCLC will be referred to their respective elected representatives who can bring their interests, enquiries or concerns to the RCLC.

4.4 Duration of the RCLC

- 4.4.1 The RCLC will meet throughout the construction of the Project. Prior to operations, the RCLC will discuss options for liaison during Project operations, including potential to merge this committee with other BC Hydro local committees.

5. Summary of Responsibilities

5.1 BC Hydro Chair will:

- 5.1.1 facilitate discussion to achieve committee purposes and to promote a balance of views
- 5.1.2 seek input from RCLC, make recommendations to Project team members and report on how RCLC feedback has been taken into consideration
- 5.1.3 guide the development of the meeting agendas, reflecting the input received from representatives (see section 4.4)
- 5.1.4 assign a BC Hydro Coordinator as a resource to the RCLC

5.2 BC Hydro Coordinator will:

- 5.2.1 arrange and ensure representatives are notified of RCLC meeting dates and location
- 5.2.2 manage records as described above (section 3.6)
- 5.2.3 arrange meeting venues and logistics

5.3 Elected members will:

- 5.3.1 attend meetings, suggest agenda items and actively participate in discussions
- 5.3.2 report enquiries, interests and concerns of their community or constituency to the RCLC related to the construction of the Project, including public requests referred to them (section 4.3.3)
- 5.3.3 communicate to their community or constituency in a timely manner about Project information shared at the RCLC and distribute meeting materials to their organizations as needed

5.4 Decision-Authority

- 5.4.1 BC Hydro is legally responsible for decisions regarding the development and implementation of the Project.
- 5.4.2 The RCLC is an information-sharing committee and is advisory to BC Hydro. BC Hydro will take into consideration the input from the RCLC with respect to the Project.

Appendix B: 2019 Regional Community Liaison Committee Meeting Agendas and Meeting Summary Notes

List of meetings in 2019 by date:

Date	Location
March 13, 2019	Fort St. John
June 19, 2019	Fort St. John
September 18, 2019	District of Taylor and boat tour between Peace Island Park and Cache Creek
October 15, 2019	Site tour
December 11, 2019	Fort St. John

**Site C Clean Energy Project
Regional Community Liaison Committee**

Wednesday, March 13, 2019
12:30 pm – 3:00 pm (Lunch will be served from 12:30 – 1:00 pm)

Northern Grand
Fort St. John, BC

AGENDA

<ul style="list-style-type: none"> • Opening & Welcome (Dave Conway) <ul style="list-style-type: none"> • <i>If you are attending the meeting via teleconference, please dial-in at this time.</i> 	1:00 PM
<ul style="list-style-type: none"> • Review of Agenda & Action Items (Dave Conway) 	1:05 PM
<ul style="list-style-type: none"> • Dam Onsite Construction Update (Ross Turner) <ul style="list-style-type: none"> • Left Bank <ul style="list-style-type: none"> • Diversion Tunnels • Dam Construction • Right Bank <ul style="list-style-type: none"> • Powerhouse • Spillway • Plans for Spring Season 	1:15 PM
<ul style="list-style-type: none"> • Dam Offsite Construction Update (Chris Waite) <ul style="list-style-type: none"> • Transmission Work • Highway 29 Realignment • Reservoir Clearing Work 	1:35 PM
<ul style="list-style-type: none"> • EAC Amendments and Program Updates (Shanna Mason) 	1:55 PM
<ul style="list-style-type: none"> • Mitigation Update (Nancy Pepper) <ul style="list-style-type: none"> • Northern Lights College Bursary Program • BC Hydro Peace Agricultural Compensation Fund 	2:05 PM
<ul style="list-style-type: none"> • Jobs and Businesses Update (Lindsay Routledge) 	2:20 PM
<ul style="list-style-type: none"> • Contractor Updates 	2:30 PM
<ul style="list-style-type: none"> • Roundtable (Committee members) 	2:40 PM
<ul style="list-style-type: none"> • Next Steps & Closing (Dave Conway) <ul style="list-style-type: none"> • Next meeting date options: <ul style="list-style-type: none"> ○ Wednesday June 12 or Wednesday June 19 ○ Wednesday September 11 or Wednesday September 18 	2:55 PM

Conference call details: Will be provided in a separate email to Committee members.

Site C Clean Energy Project

Regional Community Liaison Committee Meeting

Meeting Summary
March 13, 2019, 12:30 pm to 3:00 pm
Northern Grand Hotel, Fort St. John

<p>ATTENDEES</p> <p><i>Regional Community Liaison Committee Members</i></p>	<p>Dan Davies, MLA Peace River North</p> <p>Tamara Wilkinson, MLA Assistant, Peace River North</p> <p>Mayor Allen Courtoreille, Chetwynd</p> <p>Mayor Dave Heiberg, Hudson's Hope</p> <p>Arlene Solonas, L & R Consultation Coordinator, McLeod Lake Indian Band</p> <p>Director Karen Goodings, Area B, Peace River Regional District</p> <p>Director Brad Sperling, Area C, Peace River Regional District</p> <p>Director Leonard Hiebert, Area D, Peace River Regional District</p> <p>Director Dan Rose, Area E, Peace River Regional District</p> <p>Mayor Rob Fraser, Taylor</p> <p>Lilia Hansen, Fort St John (Mayor Delegate)</p> <p>Moira Green, Fort St. John (City Manager Delegate)</p> <p>Ranish Shakya, Blueberry River First Nation</p> <p>Bella Gravel, Blueberry River First Nation</p> <p>Courtney Acko, Blueberry River First Nation</p> <p>Louise Cardinal, Blueberry River First Nation</p> <p>Dave Conway, BC Hydro</p> <p>Shanna Mason, BC Hydro</p> <p>Nancy Pepper, BC Hydro</p> <p>Ben Rauscher, BC Hydro</p> <p>Lindsay Routledge, BC Hydro</p> <p>Ross Turner, BC Hydro</p> <p>Chris Waite, BC Hydro</p> <p>Adelle Yott, BC Hydro</p>
<p>ABSENT WITH REGRET</p>	<p>Mike Bernier, MLA, Peace River South</p> <p>Mayor Keith Bertrand, Tumbler Ridge</p> <p>Jane Calvert, Blueberry River First Nation</p> <p>Carol Newsom, CAO, Chetwynd</p> <p>Mayor Dale Bumstead, Dawson Creek</p> <p>Duncan Redfearn, CAO, Dawson Creek</p> <p>Cec Heron, Doig River First Nation</p> <p>Andrew Young, CAO Taylor</p> <p>Chris Cvik, CAO Acting Hudson's Hope</p>

	Fay Masear, McLeod Lake Indian Band Christopher Leggett, CAO, Pouce Coupe Shawn Dahlen, CAO, Peace River Regional District Jordan Wall, CAO, Tumbler Ridge Councillor Nathan Parenteau, Sauleau
INVITED GUESTS	Brian Hussain, ATCO Jamie Bodnarchuk, Peace River Hydro Partners Mike Dumancic, Voith Hydro Ann Danilevich, AFDE Troy Van Bostelen, AFDE Katherine Styba, MoTI Nicola Hogg, MoTI

Documents Distributed (via email on March 12, 2019)

Meeting Final Agenda
 Site C Project Update Presentation
 BC Hydro Site C Public Enquiries Report for January-February 2019
 January 2019 Workforce Report
 Site C BC Hydro 2018 Business Summary (Q4)
 Site C Heritage Program Brochure
 Site C Pre-Carpentry Skills Trade Pilot Program Brochure
 RCLC Action Log- Updated March 6, 2019

1. Opening / Welcome / Agenda

- a) Dave Conway welcomed the Committee members to the meeting.
- b) Dave acknowledged the Treaty 8 people and the territory within which the meeting was held and thanked the Treaty 8 members present for attending.
- c) A round of introductions occurred.
- d) The agenda was reviewed and a request for any additional items was made by Dave Conway.
 - a. No additional agenda items were added.

2. Review of Action Items

- a) Dave Conway reviewed the action item log and asked if the Committee had any questions.
 - a. The Committee did not have any questions on the action item log.

3. BC Hydro Project Update

On-Site Construction Update

The following Site C Video was played for the Committee: [Site C: Moving 11 million cubic metres of soil and rock](#)

Ross Turner introduced himself as the Director of On-Site Construction for Site C and outlined the construction activities for the year and the anticipated schedule, noting that construction will be completed in 2024.

Construction activities included:

- a) The diversion tunnels.
- b) The six penstocks, encased in concrete, which will be used to carry water to the turbines once the dam is constructed.
- c) The conveyor belt that will transport till to the construction site from the 85th Avenue Industrial Lands.
- d) The camp expansion, including the addition of 150 beds, which will begin this spring, with a targeted completion of this summer to early fall.
- e) Chetwynd inquired about the picture of the penstocks and whether they will be reinforced. Ross Turner answered yes they are set in reinforced concrete.

Shanna Mason presented on behalf of Steve Abbey, who was unable to attend. Shanna discussed care of water on-site and preparation for spring freshet. Shanna explained there are three sources of water that BC Hydro manages:

- i. Water that originates outside the dam site that travels through the site to the river
 - ii. Water which originates on the dam site
 - iii. Water used for project purposes such as dust suppression or aggregate washing
- a) Shanna described some of the work that has been completed in the last year to manage these three sources of water. Additional treatment and storage capacity has been added to improve water management.
 - b) Spring freshet and extreme rainfall events during the summer are the most challenging times for water management on the dam site.
 - c) Shanna spoke about a discharge event of high pH water which occurred last fall due to a heavy rain event. BC Hydro posted a public bulletin about this in September 2018, and notified downstream communities. This year BC Hydro has increased the storage capacity in the ponds to manage the challenges from significant rain events.
 - d) The PRRD asked where BC Hydro gets the water it uses on-site for the project. Shanna explained BC Hydro was drawing from the river, but received approval to use water from holding ponds on-site provided the pH was within acceptable range.
 - e) The PRRD asked if BC Hydro would consider using reclaimed water from the reclamation facility in Fort St. John or Charlie Lake and requested to have further discussion with BC Hydro regarding the use of reclaimed water for the project.

Action: BC Hydro will follow-up with the PRRD and the City of Fort St. John regarding the use of reclaimed water for activities at the dam site.

The following Site C Video was played for the Committee: [Site C: How do you move a river?](#)

- a) Chetwynd asked what will be done with the diversion tunnels once they are no longer needed. Ross Turner explained that BC Hydro will go into the center of the tunnel and put a concrete plug in it to block each tunnel to seal them up.
- b) Chetwynd asked a follow-up question about the safety of the tunnels and earthquake impact concerns. Ross explained the walls are reinforced to help withstand an earthquake.

Off-Site Construction Update

Chris Waite, the Director for Off-Site Construction, provided an update on the timeline and areas of construction located outside of the dam site, including the Highway 29 realignment, reservoir clearing, transmission line, and the substation, including:

- a) Transmission work is on track for completion in 2020.
- b) One hundred twenty tower foundations will be completed by the end of this winter construction season.
- c) Crews are completing assembly and erection of approximately 3 towers per day.
- d) The first 500 kilovolt line is expected to be in service in the fall of 2020.
- e) In 2020 and 2021, transmission construction will ramp up again.
- f) The procurement schedule for the highway realignment project in the presentation was reviewed. Providing this schedule was an action item from the November 2018 RCLC meeting.
- g) Around the end of March, BC Hydro is planning to submit an EAC certificate amendment for Cache Creek East. This is usually about a six month process.
- h) Reservoir clearing and transmission line clearing are occurring. BC Hydro has been actively working with contractors to minimize traffic and noise impacts.
- i) Clearing along the Moberly and Old Hope Road will conclude for the season in the next couple of weeks depending on the weather.
- j) Question from the MLA regarding what percentage of wood being cleared is being used. Chris Waite responded that if the wood is merchantable timber then BC Hydro actively tries to sell it to local mills.

EAC Amendments and Program Update

Shanna Mason, the Director of Regulatory, Environment, Social, Properties and Communications, provided an update on EAC amendments and environmental programs including:

- a) The new BC Hydro Site C heritage program brochure, which outlines one of the largest heritage projects in Canada. This program collects information on how this area was used in the past.
- b) A mostly intact bison was discovered. The bison will likely be sent down to the Royal BC Museum. The video of the excavation of the bison can be found at: <https://vimeo.com/315953373/6b16ef500a>.
- c) There are three EAC amendments that will be submitted soon for:
 - a. Highway 29 realignment for Cache Creek East,
 - b. Agriculture groundwater monitoring program and
 - c. Worker accommodation camp.
- d) For the highway realignment, notice was sent to First Nations and affected property owners.

- e) PRRD asked for clarification regarding the ground water monitoring versus compensation for potential groundwater impacts. Nancy Pepper responded that during the environmental assessment, the professional agrologists identified that there was a narrow elevation range around the reservoir where there might be a negative or positive impact on crop productivity due to the rise in the groundwater. BC Hydro has determined that the farm operators in that area are already being compensated for the change in groundwater so monitoring would be duplicative and would not result in any additional compensation for the farm operators if monitoring identified a negative impact. Due to this duplication, BC Hydro is seeking an amendment to compensate farm operators instead of monitoring.
- f) PRRD asked whether BC Hydro was required to send artifacts to the museum.
- g) Shanna Mason shared that under the terms of Site C's Heritage Conservation Act permit, the archaeological artifacts must be provided to the Fort St. John Museum [please note that this is a correction, in the meeting it was misstated that the artifacts are going to the Hudson's Hope Museum] after BC Hydro's consultants prepare the artifacts.
- h) PRRD responded they are concerned about artifacts leaving the area. Recently local artifacts were returned to the area and are stored and displayed at the Dawson Creek museum.
- i) Shanna explained that it would be the role of the local First Nation groups to determine where the archived and stored artifacts go along with the regulator.
- j) McLeod Lake Indian Band stated that they would like to keep the more valued pieces in their area and that they would like to be consulted on this.
- k) PRRD stated they would like to see even the small pieces remain and that they do not want artifacts leaving the area until they have been consulted first.
- l) Chetwynd stated that if the piece has anything to do with ceremonies, even if it is not large, they would like to look at the item, and asked what the process will be for doing that.

Action: BC Hydro will follow-up with the RCLC members regarding their interest in archaeological and paleontological artifacts.

Community and Social Mitigation Update

Nancy Pepper introduced herself as the Manager of Community and Social Mitigation and provided an update on community and social mitigation including:

- a) BC Hydro provided 1 million dollars to Northern Lights College in 2012 for the BC Hydro Trades and Skilled Training Award Bursary to support the development of skilled workers in the north, targeting those students who may not otherwise have access to post-secondary education. This funding was distributed over a 5 year period ending in fall 2018. Half of the funding was dedicated for aboriginal students. The Bursary funded 241 students total, 100 of which were aboriginal students. There was a small amount of funding left over, so this funding was used by Northern Lights College to set up the pilot carpentry program described in the brochure.
- b) Nancy encouraged the Committee to share the brochure with potentially interested community members to help recruit participants.
- c) AFDE stated they have been working with PRHP and BC Hydro on this pilot project program and that it provides five days of job shadowing and supervision by a site foreman, which is a big training opportunity.
- d) Nancy thanked AFDE and PRHP for the collaborative effort to run this program.

- e) The BC Hydro Peace Agricultural Compensation Fund (Fund) was established last year. The \$20 million dollars from BC Hydro was transferred in December 2018 to the Fund Administrator (Northern Development Initiative Trust) so they can start managing the funds to provide investment income which can be distributed as grants while maintaining the \$20 million in capital. The Fund Board and NDIT will review the investment returns in mid- 2019 to determine the timing and amount of the 2019 grant intake.
- f) Chetwynd asked if the compensation for this is ongoing, and if it is good for the agricultural community.
- g) Nancy responded that BC Hydro consulted extensively with local agricultural producers to develop the approach for the Fund. There will be a review of the Fund in five years to determine how the Fund will be administered in the long-term. Now that the Fund is established, BC Hydro is now playing a more limited role and the Board and Fund Administrator lead most of the work.

4. Jobs and Businesses

Lindsay Routledge introduced herself as the Stakeholder Engagement Advisor for Site C and provided a job and business update.

- a) Dave Conway requested feedback from the Committee as to whether the RCLC Business Summary could be changed from quarterly to annual frequency or if the quarterly report was still being used by communities.
- b) McLeod Lake Indian Band wanted to know if the report changes much throughout the year. Dave stated that the number goes up and down slightly per report but the businesses usually stay the same.
- c) Fort St. John stated that they use the information frequently to respond to inquiries. Dave stated that if the quarterly report is of on-going value then BC Hydro will keep providing it.

5. Contractor Updates

BC Hydro's prime contractors provided an update including:

- a) AFDE:
 - i. They are placing concrete in the powerhouse, and 20% of the concrete for the entire powerhouse structure has been placed.
 - ii. The intake and penstock team are starting up over the next couple of months, with the biggest tower crane (64 metric tonnes) also being installed. The crane is used to install the penstocks.
 - iii. The penstocks are 10 m in diameter and 80 m in length. They are fabricated in pieces locally, and are assembled using cranes.
 - iv. They will be hiring 400 craft workers between now and October, 95% will be carpenters and labours, about 5% equipment operators.
 - v. Fort St. John asked AFDE if they are holding job fairs. AFDE stated they are attending the job fair tomorrow in Fort St. John.
 - vi. PRRD asked AFDE when they are attending a job show in Chetwynd, and AFDE responded that they were only doing one at this time, and that they were also in Mackenzie, and yesterday at Saulteau.
 - vii. Fort St. John asked AFDE if workers have to be a union member to apply. AFDE responded that workers need to be a union member to work there and if the

worker is not a current union member they must become one but that has not been an issue.

- b) Voith
 - i. They are building generators and the scroll case, and they have about 20 people on site.
 - ii. Voith stated they are planning to go up to 100-150 people at their peak, in about a year to a year and a half when they start installing the generators.
- c) ATCO
 - i. Explained that their workforce is for the camp, and that they are working on the camp expansion and a few additional small projects.
 - ii. They are recruiting for entry level kitchen and housekeeping, and ATCO is running a kitchen skills program and a housekeeping skills program to support people to learn skills they can retain and use in their own personal life as well as for potential employment with ATCO.
- d) PRHP
 - i. Winter work has included completion of 1 km of the right bank tunnel. Now PRHP is switching to the left bank tunnel, care of water work and spring water concerns.
 - ii. PRHP will be at the Fort St. John job fair tomorrow, and were also at the Saulteau job fair.
 - iii. PRHP is working with Spark Women's leadership conference and is encouraging women to work on the project. PRHP's construction manager was nominated for an award and she will be speaking at the conference.
 - iv. PRHP also stated they donated \$10,000 which was matched with another \$10,000 to provide interest for an annual bursary by Northern Lights College for students from the Peace region.
 - v. PRHP has also recently been involved with Charlie Lake Elementary School, introducing kids to equipment on site by naming the road headers (Penelope and Betsy).

6. Roundtable

A roundtable update occurred from the local community representatives:

- a) Taylor thanked BC Hydro for carrying out a good burning program. Taylor was concerned about smoke in the valley but they have not seen any smoke. They also are notified when the burning is occurring. They agreed with PRRD and others that they would like artifacts to stay in the region, they are always trying to repatriate artifacts back to the region, and if they can prevent artifacts from leaving, then they will not have to repatriate. Taylor wants the bison to remain in region. They also shared that Taylor's golf course is open in mid-April, and that the Peace Island Park, with the 22 new RV sites will also be open in mid-April, weather dependant.
- b) Fort St. John stated they appreciate the regular updates BC Hydro provides, that they regularly use the data and that the statistics are very useful. They are looking forward to the grand opening of the BC Housing-BC Hydro housing project, and thanked BC Hydro for the work in helping this to occur. They shared that they were getting national attention for the Passivhaus project and how important it is to community. The City also expressed concern with local culture being kept local, and not being sent away.
- c) Chetwynd stated that it is important for local governments to hold companies accountable or the communities will suffer. Stated they would like to hold jobs in the community, and that like the artifacts, they don't want them leaving the area. Chetwynd

also shared that their chainsaw carving contest is in June for four days, with carvers from around the world taking part. They asked BC Hydro to come to Chetwynd to present to the council.

- d) PRRD stated they had a few issues over the winter, including big trucks stopping on the side of Old Fort Road to chain up on their way to Gate B. BC Hydro has done what they can by putting up signage to direct trucks to Gate A during poor road conditions. PRRD stated they would like to have a conversation with BC Hydro regarding the artifacts, and that years ago over 1,000 artifacts were sent to the BC museum and that it was not easy to get them back. PRRD stated it is regional knowledge, and that they do not want artifacts to leave the area without consultation.
- e) Hudson's Hope stated that the session was useful, and that they have a lot going on with BC Hydro, but that they cannot currently update the Committee on some of these matters. They shared that there are 27 lots fully serviced which have been redeveloped, 10 are BC Hydro owned lots, and that the demonstration house is coming along nicely. Hudson's Hope also stated they have light industrial property ready to go and would like to have a conversation with the Site C contractors about if any of them are interested in the property.
- f) McLeod Lake Indian Band stated they find the updates very helpful, and mentioned the Joint Working Group meeting last month, and that they were working on a training and employment program to get members employed with Site C, including driver's training. They are also working with BC Hydro to hire an archivist. The member mentioned that her family member is slated for the pilot carpentry program that is coming up.
- g) PRRD stated that they would like to keep artifacts in the PRRD; it is their history and would like to protect it.
- h) PRRD stated he has not heard a lot of public comments so that was good. He noticed that the percentage of local workers in the BC Hydro Monthly Workforce Report was in the 30s, now it is in the 20s, and that he is not sure why there is not more interest, but hopes that there will be more local hire.
- i) Blueberry River First Nation thanked BC Hydro and the contractors for the job fair, and stated they would like to see how many Indigenous workers applied and how many were hired in the RCLC monthly workforce report.
- j) Shanna stated that BC Hydro produced a video of the excavation of the bison. Dave stated that BC Hydro will send out this video link.

Action: BC Hydro will contact Chetwynd to set up a time to present to council.

Action: BC Hydro to send out video link of the bison excavation (included in these meeting notes).

Action: BC Hydro will look into if any information is available regarding the number of Indigenous job applicants.

7. Next Steps

- a) The Committee discussed possible dates for the next meeting. Two options were discussed for review:
 - i) Wednesday, June 12 or June 19
 - ii) Wednesday, September 11 or September 18

- b) Fort St. John stated that the 19th would be better as the 12th is in conflict with a local event. Another individual mentioned that graduation is around this time and we should consider this to avoid potential scheduling conflicts. No other conflicts were noted by members.
- c) September 11 or 18 was proposed for a site tour but the members determined that it was too far in the future, and that this date will be determined later.

**Site C Clean Energy Project
Regional Community Liaison Committee**

Wednesday, June 19, 2019
12:00 pm – 2:30 pm (Lunch will be served from 12:00 – 12:30 pm)

Northern Grand Hotel
Fort St. John, BC

AGENDA

<ul style="list-style-type: none"> • Opening & Welcome (Dave Conway) <ul style="list-style-type: none"> • <i>If you are attending the meeting via teleconference, please dial-in at this time.</i> 	1:00 PM
<ul style="list-style-type: none"> • Review of Agenda & Action Items (Dave Conway) 	1:05 PM
<ul style="list-style-type: none"> • Dam Site Construction Video 	1:10 PM
<ul style="list-style-type: none"> • Dam Onsite Construction Update (Ross Turner) <ul style="list-style-type: none"> • 2019 Summary Schedule • Drone Video • Left Bank <ul style="list-style-type: none"> • Diversion Tunnels • 85th Avenue Industrial Lands & Till Conveyor • Core Trench & Earthfill Dam • Worker Accommodation Lodge Expansion • Right Bank <ul style="list-style-type: none"> • Powerhouse Concrete Placement • Spillway RCC Placement • Penstock Shipments • General <ul style="list-style-type: none"> • Care of Water • Fish Habitat Enhancement • Peace River Navigation Closure Prior to Diversion 	1:15 PM
<ul style="list-style-type: none"> • Dam Offsite Construction Update (Chris Waite) <ul style="list-style-type: none"> • Transmission Work <ul style="list-style-type: none"> • Site C Substation • Transmission Lines • Peace Canyon Gas Insulated Switchgear Building Expansion • Highway 29 Realignment <ul style="list-style-type: none"> • Schedule • Cache Creek West • Halfway River • Reservoir Clearing Work <ul style="list-style-type: none"> • Work Plan for 2019/ Winter 2020 	1:35 PM

<ul style="list-style-type: none"> • Hudson's Hope Shoreline Protection 	
<ul style="list-style-type: none"> • EAC Amendments and Program Updates (Shanna Mason) <ul style="list-style-type: none"> • Cache Creek EAC Amendment • Worker Accommodation EAC Amendment 	1:55 PM
<ul style="list-style-type: none"> • Mitigation Update (Nancy Pepper) <ul style="list-style-type: none"> • Agricultural Fund Public Meeting 	2:10 PM
<ul style="list-style-type: none"> • Jobs and Businesses Update (Lindsay Routledge) 	2:25 PM
<ul style="list-style-type: none"> • Contractor Updates 	2:35 PM
<ul style="list-style-type: none"> • Roundtable (Committee members) 	2:45 PM
<ul style="list-style-type: none"> • Next Steps & Closing (Dave Conway) <ul style="list-style-type: none"> • Next meeting: Tour, meeting • Next meeting date options: Wednesday, September 11 or 18 	2:55 PM

Conference call details: Will be provided in a separate email to Committee members.

Site C Clean Energy Project

Regional Community Liaison Committee Meeting

Meeting Summary
June 19, 2019, 12:00 pm to 2:30 pm
Northern Grand Hotel, Fort St. John

<p>ATTENDEES</p> <p><i>Regional Community Liaison Committee Members</i></p>	<p>MLA Dan Davies, Peace River North</p> <p>Tamara Wilkinson, MLA Assistant, for MLA Dan Davies, Peace River North</p> <p>Mayor Dave Heiberg, Hudson's Hope</p> <p>Arlene Solonas, L & R Consultation Coordinator, McLeod Lake Indian Band</p> <p>Director Brad Sperling, Area C, Peace River Regional District</p> <p>Director Dan Rose, Area E, Peace River Regional District</p> <p>Mayor Rob Fraser, Taylor</p> <p>Tony Zabinsky, Fort St John (Mayor Delegate)</p> <p>Moira Green, Fort St. John (City Manager Delegate)</p> <p>Ranish Shakya, Blueberry River First Nation</p> <p>Bella Gravel, Blueberry River First Nation</p> <p>Courtney Acko, Blueberry River First Nation</p> <p>Louise Cardinal, Blueberry River First Nation</p> <p>Dave Conway, BC Hydro</p> <p>Shanna Mason, BC Hydro</p> <p>Nancy Pepper, BC Hydro</p> <p>Ben Rauscher, BC Hydro</p> <p>Lindsay Routledge, BC Hydro</p> <p>Ross Turner, BC Hydro</p> <p>Steve Abbey, BC Hydro</p> <p>Morgan Robinson, BC Hydro</p> <p>Krista Drost, BC Hydro</p> <p>Chris Waite, BC Hydro</p> <p>Adelle Yott, BC Hydro</p>
<p>ABSENT WITH REGRET</p>	<p>Mike Bernier, MLA, Peace River South</p> <p>Director Leonard Hiebert, Area D, Peace River Regional District</p> <p>Mayor Keith Bertrand, Tumbler Ridge</p> <p>Jane Calvert, Blueberry River First Nation</p> <p>Mayor Allen Courtoreille, Chetwynd</p> <p>Carol Newsom, CAO, Chetwynd</p> <p>Mayor Dale Bumstead, Dawson Creek</p> <p>Duncan Redfearn, CAO, Dawson Creek</p> <p>Director Karen Goodings, Area B, Peace River Regional District</p>

	<p>Cec Heron, Doig River First Nation Andrew Young, CAO Taylor Chris Cvik, CAO Acting Hudson's Hope Fay Masear, McLeod Lake Indian Band Christopher Leggett, CAO, Pouce Coupe Shawn Dahlen, CAO, Peace River Regional District Jordan Wall, CAO, Tumbler Ridge Councillor Nathan Parenteau, Sauleau</p>
INVITED GUESTS	<p>Jim Morgan, ATCO Jamie Bodnarchuk, Peace River Hydro Partners Marelda Brydon, Peace River Hydro Partners Maximillen Bisson, Voith Hydro Ann Danilevich, AFDE Troy Van Bostelen, AFDE Adriana daCosta, MoTI</p>

Documents Distributed (via email on June 18, 2019)

Meeting Final Agenda
 Site C Project Update Presentation
 BC Hydro Site C Public Enquiries Report for May 2019
 April 2019 Workforce Report
 Site C BC Hydro 2019 Business Summary (Q1)
 Hudson's Hope Shoreline Protection Brochure
 RCLC Action Log - Updated June 2019

1. Opening / Welcome / Agenda

- a) Dave Conway welcomed the Committee members to the meeting.
- b) Dave acknowledged the Treaty 8 people and the territory within which the meeting was held and thanked the Treaty 8 members present for attending.
- c) Dave Conway identified muster locations and exits for safety.
- d) A round of introductions occurred.
- e) The agenda was reviewed and a request made for any additional items by Dave Conway.
 - a. Dave Conway proposed to play the dam video during the on- site construction presentation and the change was made to the agenda.
 - b. No additional agenda items were added.

2. Review of Action Items

- a) Dave Conway reviewed the action item log and asked if the Committee had any questions.
- b) Taylor commented on BC Hydro's Paleontology letter, and requested a list of the fossils being moved out of the region.
- c) Shanna Mason responded that BC Hydro could provide an inventory list but that there would also have to be future updates as the work of collecting fossils is still underway and the Royal BC Museum is just starting the conservation process. Shanna explained

that some fossils are still in the rock, and it may take time to expose the fossils. Over time, some descriptions may be updated as more is known.

- d) PRRD stated that they would also like a list provided.

Action: BC Hydro will provide an inventory list of the paleontology artifacts obtained from the Site C project and transferred to the Royal BC Museum.

3. BC Hydro Project Update

On-Site Construction Update

Ross Turner introduced himself as the Director of On-Site Construction for Site C and outlined the construction activities for the year and the anticipated schedule, noting that construction will be completed in 2024.

This Site C Construction Video was played for the Committee: <https://youtu.be/hfbJ2yVJ2vY>

Construction activities discussed included:

- a) Left bank works including coffer dams to protect the workers working on the diversion tunnels below river elevation.
- b) Completed first breakthrough yesterday in diversion tunnel 1 which is the shorter tunnel. Breakthrough on tunnel 2 is anticipated in July. The top half of the tunnels is excavated first and then the bottom half.
- c) Fort St. John asked about the grade of the diversion tunnels relative to the river bed and how far below the river bed is the inlet? Ross stated he did not have this answer, but that it would be actioned and a response provided.
- d) Blueberry River First Nations asked if the diversion tunnels will be able to handle the high flow of the river, and if there will be some restricting of flow?
- e) Ross and Shanna responded that there will be some restriction which will result in a head pond but the diversion tunnels can pass the anticipated normal flows.
- f) The MLA's assistant inquired if BC Hydro was still on target to meet deadlines with the tunnels.
- g) Ross responded that the tunneling will be done but there is still work on the supporting structures like the gates before diversion next fall. Commissioning and testing of the gates will also be done before diversion.
- h) Ross described the piles that are seen at the 85th Avenue Industrial Lands near the conveyor route. The piles are for slope protection and stability and will be cut off close to the ground.
- i) Fort St. John asked how deep the piles go down. Ross did not have this answer but stated a response would be provided to the city.
- j) Fort St. John asked who was responsible for the conveyor.
- k) Ross stated that PRHP is in charge of the installation.
- l) Steve Abbey discussed the Worker Accommodation Lodge and the camp expansion. Ninety beds will open in the first two weeks of July, and the total 150 by the end of July.
- m) Steve explained that BC Hydro has been using hotels in town to help alleviate some of the overload at the camp and that they are working with contractors to determine capacity requirements over the next year to determine if new expansion is required.
- n) Ross discussed the right bank, including the powerhouse, spillway, and the railway being used to bring in riprap for the dam from West Pine Quarry.

- o) The complexities of the spillway were discussed including the three moving gates.
- p) Fort St. John asked what does roller compacted concrete (RCC) mean.
- q) Ross explained that there are two types of concrete, conventional versus roller. RCC does not have any rebar in it and is not built using forms so it allows for fast bulk placement in lifts that are rolled in place similar to asphalt. The RCC provides the base allowing for cost and schedule savings.
- r) Fort St. John asked how thick the RCC was.
- s) Ross explained that they are set at 8-10 inches at a time until the desired elevation is achieved.
- t) Steve explained that RCC is very temperature dependant and that there are challenges placing the RCC if the temperature is not correct.
- u) The shipment and assembly of the penstocks was discussed along with on-site assembly after delivery.
- v) Fort St. John asked why BC Hydro was going from the top to the bottom to assemble the penstocks and not the other way around where the pieces below would support the pieces above.
- w) Ross explained this was because of the sequencing of other work in the area and that each piece is individually supported so working from the bottom up isn't required.
- x) Steve discussed care of water including spring thaw and implemented best management practices from last year, noting that this year the on-site mitigation and general environmental conditions resulted in few spring run-off concerns.
- y) Steve noted that vegetation is a good soil stabilizer and that there is a strong vegetation plan on the site which has improved over the years. Revegetation of areas that are now complete is a priority.
- z) Fish habitat enhancement is under construction on a right bank island to offset impacts on fish; the enhancement includes areas for fish spawning and to create a flow regime that is favourable to fish. Side channel enhancement, including using logs and root masses within the channel to create habitat for fish, and also a flow regime suitable for fish present in the system.
- aa) The planned north side fish enhancement project is on hold due to the recent landslide at Old Fort and BC Hydro is reassessing next steps as BC Hydro does not want to carry out work which might impact the landslide.
- bb) Shanna responded that in the EIS, the north bank location was proposed as a fisheries requirement, however after the landslide and due to the instability around the area, BC Hydro is consulting with the Department of Fisheries and Oceans (DFO), and this area may be left for a few years.
- cc) PRRD asked to discuss the plan for the north bank fish enhancement with BC Hydro as they have concerns about slope stability. BC Hydro will arrange a follow-up discussion.
- dd) Shanna discussed the Peace River navigational closure prior to diversion. Shanna explained that BC Hydro will advertise publically and early next spring there will be closures on the river with warning signs and debris booms installed. BC Hydro will have more information to share at the September RCLC meeting. A portage program will be put in place when the navigational closure happens.

Action: BC Hydro to provide the grade between the inlet/outlet and the river bottom.

Action: BC Hydro to provide to Fort St. John the depth of the piles along 85th Ave Industrial Lands.

Action: BC Hydro will arrange a follow-up discussion with the PRRD regarding the status and plans for north bank fish enhancement near Old Fort.

Off-Site Construction Update

Chris Waite, the Director for Off-Site Construction, provided an update on the timeline and areas of construction located outside of the dam site, including the Highway 29 realignment, reservoir clearing, transmission line, and the substation, including:

- a) Acknowledging contractor's focus on completing work safely.
- b) Site C Substation which will be BC Hydro's biggest substation is nearing completion. The largest remaining piece of equipment is to arrive at the end of July.
- c) Fifty one transmission towers were up by March out of 405 towers in total. All towers for the first 500 kilovolt line will be up by next year, and energized for 2020.
- d) Cache Creek West highway alignment will likely continue into 2020.
- e) Halfway River alignment is a public tender that MoTI will put out in the next couple weeks.
- f) BC Hydro is actively constructing the haul road at Portage Mountain Quarry during this summer and early fall.
- g) Hudson's Hope asked if BC Hydro was still anticipating rip rap from the quarry and how much rip rap and associated traffic will come down Canyon Drive?
- h) Chris stated that the preference was Portage Mountain for the Hudson's Hope berm.
- i) Hudson's Hope inquired about access issues to the quarry because of bats.
- j) Chris stated BC Hydro is building the haul road with appropriate mitigation. BC Hydro plans to have the permit application submitted in August for the quarry. This will allow BC Hydro to proceed with extraction of rock.
- k) Chris stated he would get back to Hudson's Hope with information about how much material will be taken out of Portage Mountain Quarry and how many trucks are estimated.

BC Hydro played a video showing what the Halfway River Bridge will look like available at https://youtu.be/XuTHHt_BTAM.

- l) Fort St. John inquired about the length of the bridge and if there are any pull-outs for people to take pictures.
- m) Chris stated he would get back to the Committee with that information once the functional design of the bridge was complete.
- n) Reservoir clearing in advance of diversion will reduce potential debris entering into the system that could impact the diversion tunnels.
- o) Hudson's Hope shoreline protection will consist of a berm which will mitigate the creation of the reservoir on the slopes.
- p) Fort St. John asked how the Peace River Islands logging will be done.
- q) Chris responded that there are causeways or bridge structures put in to access merchantable timber. Helicopters are also used in some locations.

Action: BC Hydro will follow-up with Hudson's Hope regarding how much rip-rap is planned to be taken out of Portage Mountain quarry and how much traffic is anticipated on Canyon Drive for this work.

Action: BC Hydro will provide the link to the Halfway River Bridge video once posted.

Action: BC Hydro will provide the Committee details about the length of the Halfway River Bridge and any pullouts at either end once the functional design is complete.

EAC Amendments and Program Update

Shanna Mason, the Director of Regulatory, Environment, Social, Properties and Communications, provided an update on EAC amendments and environmental programs including:

- a) Amendments in progress include the Halfway River bridge and worker accommodation expansion.
- b) Potential additional EAC amendments may be requested in many cases, BC Hydro's project description described bridges and causeways very specifically so BC Hydro anticipates applying for amendments for most of the final designs.

Community and Social Mitigation Update

Nancy Pepper, the Manager of Community and Social Mitigation provided an update on community and social mitigation including:

- a) The rendering of the new Lynx Creek Boat Launch with a double ramp and a boarding float.
- b) Fort St. John asked if the lot was paved.
- c) Nancy responded that it was a gravel lot similar to the other facilities in the region.
- d) Nancy stated that the Cache Creek area boat launch will have a similar rendering created.
- e) The BC Hydro Peace Agricultural Compensation Fund Board will be hosting its first public annual meeting on the afternoon of July 5, 2019.

4. Jobs and Businesses

Lindsay Routledge, Stakeholder Engagement Advisor for Site C, provided a job and business update.

- a) April 2019 Site C Workforce statistics were discussed, April was BC Hydro's peak employment month since the project started.
- b) The 2019 Q1 Businesses Report was discussed, which listed 314 businesses.
- c) PRRD asked why there was a reduction in numbers.
- d) Krista Drost stated that the PRRD numbers usually dip slightly after the clearing season before summer work begins since many of the clearing contractors are local and they can't work during spring conditions.
- e) The recent forestry mills shutdowns or curtailments were discussed and BC Hydro described what it and its contractors are doing to try to match workers up with jobs on Site C that match their skills.
- f) PRRD wants to see PRRD employment as high as possible and BC Hydro and their contractors should think about other ways to attract local workers.
- g) Fort St. John stated they would like to be kept informed about what BC Hydro and their contractors are doing to reach out to forestry industry workers at the mills.
- h) Jobs and businesses enquiries were discussed, in May, BC Hydro reached 10,000 enquires since the project start.

Action: BC Hydro will inform Fort St. John about discussions with the Ministry regarding the potential for hiring workers impacted by the OSB mill closure.

5. Contractor Updates

BC Hydro's prime contractors provided an update including:

- a) AFDE:
 - i. Penstocks are being manufactured off-site and put together on-site.
 - ii. Rebar and the concrete in the powerhouse and intakes will continue.
 - iii. Labour hiring opportunities for carpenters, labours and operators but not expecting additional influx until later this year.
 - iv. Working with BC Hydro to identify skills alignment with OSB mill workers.
 - v. Involvement with the Junior Dragons Den; Spark Leadership Conference; Grizzly's basketball team; and the Fort St. John rodeo dinner.

- b) Voith
 - i. Stated they had a small team of about 15 boiler makers and supervisors.
 - ii. They are building the spiral case on-site with installation scheduled in over a year.

- c) ATCO
 - i. Involved in community activities including the MS walk, the auction and Indigenous events.
 - ii. They are also looking for resumes from qualified local candidates.
 - iii. They are working on local skills training with indigenous groups. After the most recent training program 11 out of 15 participants hired.
 - iv. McLeod Lake Indian Band asked if this was in reference to the Carpentry Program.
 - v. ATCO stated it was the ATCO Culinary and Housekeeping Program.
 - vi. Krista stated 7 out of 8 participants in the Carpentry Pilot Program were hired.
 - vii. Of the 314 Site C business partners listed within the PRRD, ATCO uses 60%.
 - viii. Upcoming events including the Fireman's Ball and the on-site aboriginal awareness day.

- d) PRHP
 - i. Two major focuses of work, the till conveyor and the diversion tunnels.
 - ii. Till Conveyor is the visible work, and they are working to get the till conveyor installed under the 240 Road and the Old Fort Road. Targeting mid-July for completion. The till conveyor will usually run between 7 am-7 pm.
 - iii. Second work focus is the diversion tunnels. On the morning of the meeting, PRHP was about 20 meters away from break through on the first tunnel, which should occur over the weekend.
 - iv. Tunnel two is about a month away from break through since it is the longer tunnel.
 - v. PRHP is looking for heavy duty mechanics.

6. Roundtable

A roundtable update occurred from the local community representatives:

- a) Fort St. John stated they were working on the construction and redevelopment of 100 Street North to enhance the community.

- b) McLeod Lake Indian Band stated they had nothing to share but thanked BC Hydro for the presentation and keeping them up to date.
- c) Blueberry River First Nation thanked BC Hydro for the information.
- d) PRRD stated they hope employment gaps will be filled and that they are happy that BC Hydro is working with Fort St. John to make that happen.
- e) PRRD stated they would like further conversations around artifacts being found and for these discussions to occur soon, as well as more discussion on what is occurring in the Old Fort Slide area with the proposed fish enhancement habitat.
- f) Fort St. John stated there is concern with the OSB shutdown, and stated that hiring locals would help mitigate this impact on the local workforce.
- g) Taylor stated they had no concerns.
- h) Hudson's Hope stated that approximately 1/3 of the road realigned is through their east valley and that the berm is a big impact at about 2.6 km long. They would like to thank BC Hydro for the public open house and felt it was well received by the community.

7. Next Steps

- a) Next meeting dates were proposed: Wednesday, September 11 or September 18.
- b) A Committee member stated that the 11th is the Coal Form so it is a conflict, but that the 18th is open. September 18, 2019 was selected as the next meeting/tour date.
- c) Shanna stated that BC Hydro is looking into a tour on the river but it may not be logistically possible due to the size of the Committee. The disadvantage of the river tour is you cannot see most of the works at the dam site over the banks from the river.
- d) If it isn't feasible then BC Hydro will arrange a dam site tour and meeting.
- e) BC Hydro asked the Committee if the Peace Williston Advisory Committee (PWAC) could join them on the tour in September. The Committee expressed no concerns with this.
- f) Wednesday December 4 or December 11 were presented as potential dates. A Committee member stated that December 4th was a conflict due a local airport meeting.
- g) December 11th was selected as the winter meeting date.

**Site C Clean Energy Project
Regional Community Liaison Committee**

Wednesday, September 18, 2019
10:00 am – 3:00 pm (Lunch will be served from 11:00 – 11:30 am)

Taylor Curling Club
9888 W Cherry Ave,
Taylor, BC

AGENDA

• Opening & Welcome (Dave Conway)	10:00 AM
• Review of Agenda & Action Items (Dave Conway)	10:05 AM
• River Diversion Presentation (Chris Hatton) <ul style="list-style-type: none">• Construction Sequencing• River / Navigable Closures• Upstream Water Levels• Stakeholder Questions	10:10 AM
• Roundtable (Committee members)	10:45 AM
• Next Steps & Closing (Dave Conway) <ul style="list-style-type: none">• Next meeting date: Wednesday, December 11• Choose first meeting in 2020: Wednesday, March 4 or 11	10:55 AM
• Lunch	11:00–11:30 AM
• River Tour (Dave Conway) <ul style="list-style-type: none">• Leave from Peace Island Park	12:00 NOON–3:00 PM

Conference call details: Not available for this meeting.

Site C Clean Energy Project

Regional Community Liaison Committee Meeting

Meeting Summary
September 18, 2019, 10:00 am to 3:00 pm
Taylor Curling Club, Taylor

<p>ATTENDEES</p> <p><i>Regional Community Liaison Committee Members</i></p>	<p>Tamara Wilkinson, MLA Assistant, for MLA Dan Davies, Peace River North Mayor Allen Courtoreille, Chetwynd Mayor Dale Bumstead, Dawson Creek Arlene Solonas, L & R Consultation Coordinator, McLeod Lake Indian Band Director Brad Sperling, Area C, Peace River Regional District Director Leonard Hiebert, Area D, Peace River Regional District Director Dan Rose, Area E, Peace River Regional District Councillor Brent Taillefer, Taylor (meeting only) Dave Conway, BC Hydro Shanna Mason, BC Hydro Nancy Pepper, BC Hydro Ben Rauscher, BC Hydro Steve Abbey, BC Hydro Chris Hatton, BC Hydro Mike Clark, BC Hydro Lindsay Routledge, BC Hydro Emily Stringer, BC Hydro Anna Deeley, BC Hydro Rod Brooks, BC Hydro</p>
<p>ABSENT WITH REGRET</p>	<p>Mayor Rob Fraser, Taylor Mayor Dave Heiberg, Hudson's Hope MLA Dan Davies, Peace River North Ranish Shakya, Blueberry River First Nation Mike Bernier, MLA, Peace River South Terri Paulovich, Constituency Assistant, Peace River South Mayor Lori Ackerman, Fort St. John Dianne Hunter, City Manager, Fort St John Dan Orcherton, McLeod Lake Indian Band Director Karen Goodings, Area B, Peace River Regional District Shawn Dahlen, CAO, Peace River Regional District Betty Ponto, Taylor Andrew Young, CAO Taylor Mayor Keith Bertrand, Tumbler Ridge Jane Calvert, Blueberry River First Nation</p>

	Carol Newsom, CAO, Chetwynd Duncan Redfearn, CAO, Dawson Creek Cec Heron, Doig River First Nation Chris Cvik, CAO Acting Hudson's Hope Christopher Leggett, CAO, Pouce Coupe Jordan Wall, CAO, Tumbler Ridge Councillor Nathan Parenteau, Sauleteau Chris Waite, BC Hydro Ross Turner, BC Hydro
INVITED GUESTS	Nil

Documents Distributed (on September 13 and 18, 2019)

- RCLC Meeting Agenda
- RCLC Meeting Action Log - Updated Sept 2019
- Site C Presentation: Diverting the Peace River
- Site C Diversion Questions
- Site C Public Enquiries Report & FAQs for June & July 2019
- Site C Public Enquiries Report for August 2019
- Site C Workforce Report for July 2019
- Site C Business Summary for Q2 2019
- Site C Construction Bulletin for September 13, 2019
- Site C Fish and Aquatics Information Sheet
- Site C Wildlife Program Information Sheet
- Site C Temporary Fish Passage Information Sheet

1. Opening / Welcome / Agenda

- a) Dave Conway welcomed the Committee members to the meeting.
- b) Dave acknowledged the Treaty 8 people and the territory within which the meeting was held and thanked the Treaty 8 members present for attending.
- c) Dave thanked Taylor for hosting the meeting in the Curling Club.
- d) Dave identified muster locations and exits for safety.
- e) The agenda was reviewed and a request made for any additional items by Dave Conway.
 - a. No additional agenda items were added.

2. Review of Action Items

- a) Dave Conway reviewed the action item log and asked if the Committee had any questions.
- b) PRRD asked if the access road to Portage Mountain quarry was visible from Dinosaur Lake.
- c) Shanna Mason responded that there is Oil and Gas industry work in that area as well. Dave and Shanna said they would look into the work and get back to the Committee.
- d) PRRD also asked for an update on the mill curtailment hiring at the hiring fair.
- e) Shanna responded that the Ministry of Forest, Lands, Natural Resource Operations and Rural Development is providing training and coordinating efforts to improve opportunities

and skills for impacted persons. Shanna also indicated that BC Hydro summer hiring (June/July) saw an increase in hiring local persons.

- f) Introductions of meeting attendees occurred.

Action: BC Hydro to look into if BC Hydro's Portage Mountain quarry access road is visible from Dinosaur Reservoir.

3. River Diversion Presentation

Chris Hatton introduced himself as a project manager for Site C in charge of diversion and outlined the diversion presentation, including construction sequencing, river/navigable closures and upstream water levels. Mike Clark spoke to the diversion tunnels slides.

Diversion information included:

- a) Chetwynd asked about air quality safety in the tunnels.
- b) Mike described the air quality safety measures in the tunnels including personal protective equipment (PPE), diesel vehicle restrictions, and described how ventilation systems inside the tunnels use scrubbers to remove silica from air so outside work areas are not exposed to silica from the tunnel air.
- c) Dave shared the day's Peace River flow data as of 8am with the Committee verbally.
- d) PRRD asked how BC Hydro was addressing spring freshet and high flows.
- e) Chris described the flows which can be passed through the diversion tunnels and how they relate to historical high Peace River flows.
- f) PRRD asked about headponds/pressure.
- g) Chris replied that headponds will be covered in upcoming slides.
- h) Chetwynd asked for today's Peace River flow data to be sent to the RCLC.
- i) Dave agreed to send the flow data by email.
- j) McLeod Lake asked if there is rebar in the joints of the diversion tunnels.
- k) Mike replied that rebar is installed in any areas where the additional reinforcement is required but not everywhere. There is also a PVC gasket installed to prevent water leakage through the joints in the concrete liner.
- l) PRRD asked about the portage program.
- m) Shanna described that the portage program is still under development but would generally move small boats like kayaks and canoes between Halfway River boat launch and Peace Island Park boat launch during typical boating times.
- n) PRRD asked what happens to the debris caught in the debris boom after it is installed in spring 2020.
- o) Chris responded that the debris will be collected on the bank and subsequently burned.
- p) Chetwynd asked about sedation of fish as part of the fish passage process during diversion. Indicated a preference for a fish ladder or other passage so fish can navigate passage on their own.
- q) Shanna responded that BC Hydro will have one of the fish biologists attend the next RCLC meeting to present on the fish passage process but BC Hydro looked at numerous design options before proposing the temporary passage approach. Constructing a continuous fish tunnel would not attract fish as the opening would be well downstream of the dam and flows would be much smaller than those coming from the dam. Fish swim to the areas of greatest flow. And due to the height differential, climbing a fish ladder and reintroducing them upstream right where the flows go into the draft tubes would be too physically demanding on the fish.

- r) McLeod Lake asked why the water has to be treated after construction of the coffer dams.
- s) Chris responded that BC Hydro will contain the water to let sediment fall out of it before it is returned to the river.
- t) Chetwynd asked if studies have been done about landslide, erosion, or sloughing scenarios along the reservoir. Referenced rain events of 2011 and 2016.
- u) Shanna answered that BC Hydro has completed extensive investigations and is conducting monitoring for slope stability.
- v) Mike described the analysis of slope stability using historical photos, LiDAR and satellite data to identify areas of potential concern. Also discussed work to estimate potential for impact lines including landslide generated waves and other measures.
- w) Chetwynd asked about whether local Peace Region workers were hired into higher levels of management on the Project so that they can use this experience for future projects.
- x) Steve described his local work experience and the experience he has had with hiring Peace residents into higher level positions.
- y) PRRD asked about building a buffer and what the likelihood is of the Williston reservoir impacting levels at Hudson's Hope.
- z) Shanna responded about contributing drought conditions of recent years and their impact on Williston Reservoir levels.
- aa) Dave provided inflow and discharge data as well as elevations for the Williston reservoir.
- bb) PRRD asked about BC Hydro's mitigation plan for access to the lake for recreation purposes.
- cc) Shanna responded that management considers many needs when managing the reservoir levels. These include weather forecasts, generation needs, existing reservoir levels, downstream impacts, etc.
- dd) Dave responded about the PWAC meeting and managing water.
- ee) Dave suggested that we have BC Hydro Generation Systems Operations provide a presentation on the subject at a future RCLC meeting.
- ff) Dawson Creek provided further information on the discussion from the PWAC meeting presentation, saying it was very well done. Agrees that having BC Hydro Operations come to present to the RCLC would be valuable.

Action:

BC Hydro will provide today's Peace River flow data to the Committee.

BC Hydro will schedule the fish biologists to present at the December RCLC meeting.

BC Hydro will invite BC Hydro Generation Systems Operations to another RCLC meeting to provide a presentation similar to the one made to PWAC discussing the Peace Region management of water levels, climatic conditions and forecasts and how Site C diversion needs are taken into account.

BC Hydro will send an electronic copy of the diversion questions to RCLC members for them to review and provide feedback to BC Hydro regarding any gaps they identify that stakeholders may ask about. A paper copy was provided in the meeting.

6. Roundtable

A roundtable update occurred from the local community representatives:

- a) Dawson Creek asked about tunnels after diversion is completed. Mike responded that the tunnels will be plugged and filled.

- b) McLeod Lake thanked BC Hydro for the information and reiterated that they are interested in the fish passage presentation at the next meeting.
- c) PRRD stated that the percentage of local workers at dam site continues to drop. Asked for clarity on reason for this.
- d) Shanna responded actual numbers of PRRD resident workers is a record high but as the total number of workers increases, the percentage may show a decrease at the same time. Steve Abbey shared the benefits of hiring local for contractors. He highlighted that there is only 3-4 years left on the project which may limit local interest in work, as they may not want to leave a long-term job for a shorter-term role.
- e) PRRD asked about the Clayhurst boat launch. Nancy Pepper described the replacement boat launches and amenities what will replace the boat launches that are impacted by the Site C reservoir.
- f) Shanna stated this is a BC Hydro topic that predates the Site C project and as such has been a topic at the Peace Williston Advisory Committee. It is our understanding that BC Hydro believes they have answered this question previously and provided rationale as to why the Clayhurst boat launch will not proceed.
- g) PRRD stated they haven't received a clear enough response about why this boat launch was eliminated by BC Hydro.
- h) BC Hydro will review the communications record regarding the boat launch and send as a package to the PRRD.
- i) PRRD discussed Gate B entrance paving and concerns about trucks chaining up on Old Fort road instead of at Gate B. Does not want chain up to occur on public roads, as it impacts public safety.
- j) Dave highlighted existing signage for safety measures to drivers. The chain-up area at the top of the hill is under construction and BC Hydro is planning other improvements to Gate B as well to address this issue.
- k) Chetwynd thanked BC Hydro for the stats on workers and the businesses that will be supported.
- l) PRRD thanked BC Hydro for accommodating some of the workers laid off to the forestry closures.

Action: BC Hydro will provide the RCLC members with letters or other older documentation outlining the final decision on the installation of a boat launch at Clayhurst.

7. Next Steps

- a) Next meeting: to be determined via email to the Committee.
- b) Dave proposed an RCLC tour on site in October, with PWAC, and invites to council. BC Hydro will send several possible dates for the tour to the RCLC for feedback.

Action:

BC Hydro will send potential spring RCLC meeting dates, and poll for preferences via email. BC Hydro will send several possible dates for the site tour to the RCLC for feedback.

**Site C Clean Energy Project
Regional Community Liaison Committee**

Wednesday, December 11, 2019
12:00 noon – 3:30 pm (Mountain Time)
(Lunch will be served from 12:00 – 12:30 pm)

Northern Grand Hotel
Fort St. John, BC

AGENDA

<ul style="list-style-type: none"> • Opening & Welcome (Dave Conway) <ul style="list-style-type: none"> • <i>If you are attending the meeting via teleconference, please dial-in at this time.</i> 	12:30 PM
<ul style="list-style-type: none"> • Review of Agenda & Action Items (Dave Conway) 	12:35 PM
<ul style="list-style-type: none"> • 2019/2020 Site C Update (Chris Waite) 	12:45 PM
<ul style="list-style-type: none"> • BC Hydro System Operations and Resource Management Presentation – Williston Reservoir (Kelvin Ketchum) 	1:00 PM
<ul style="list-style-type: none"> • Dam Onsite Construction Update (Ross Turner) <ul style="list-style-type: none"> • 2019/2020 Winter Schedule • Left Bank <ul style="list-style-type: none"> ○ Worker Accommodation lodge expansion spring 2020 ○ L3 sediment basin ○ 85th Avenue Industrial Lands & till conveyor ○ Diversion tunnels ○ Core trench & earthfill dam ○ Temporary fish passage • Right Bank <ul style="list-style-type: none"> ○ Powerhouse concrete placement ○ Spillway RCC placement ○ Penstock installation ○ Fish habitat enhancement 	2:00 PM
<ul style="list-style-type: none"> • Fish Diversion Passage Presentation (Brent Mossop) 	2:20 PM
<ul style="list-style-type: none"> • Dam Offsite Construction Update (Chris Waite) <ul style="list-style-type: none"> • Transmission Work • Highway 29 Realignment/Hudson’s Hope berm • Reservoir clearing work • Site C - Emergency Planning Guide – River diversion stage (Shanna Mason) 	2:35 PM

<ul style="list-style-type: none"> • Jobs and Businesses Update (Kate O’Neil) 	2:55 PM
<ul style="list-style-type: none"> • Contractor Updates 	3:05 PM
<ul style="list-style-type: none"> • Roundtable (Committee members) 	3:15 PM
<ul style="list-style-type: none"> • Next Steps & Closing (Dave Conway) <ul style="list-style-type: none"> • Next meeting: Wednesday, March 11 • June meeting date options: Wednesday, June 10 or 17 	3:25 PM

Conference call details: Will be provided in a separate email to Committee members.

Site C Clean Energy Project

Regional Community Liaison Committee Meeting

Meeting Summary
December 11, 2019, 12:00 noon to 3:30 pm
Northern Grand Hotel, Fort St. John

<p>ATTENDEES</p> <p><i>Regional Community Liaison Committee Members</i></p>	<p>Tamara Wilkinson, MLA Assistant, for MLA Dan Davies, Peace River North</p> <p>Dianne Hunter, City Manager, Fort St John</p> <p>Mayor Dave Heiberg, Hudson's Hope</p> <p>Director Karen Goodings, Area B, Peace River Regional District</p> <p>Director Brad Sperling, Area C, Peace River Regional District</p> <p>Mayor Rob Fraser, Taylor</p> <p>Dave Conway, BC Hydro</p> <p>Shanna Mason, BC Hydro</p> <p>Nancy Pepper, BC Hydro</p> <p>Chris Waite, BC Hydro</p> <p>Ross Turner, BC Hydro</p> <p>Brent Mossop, BC Hydro</p> <p>Emily Stringer, BC Hydro</p> <p>Kate O'Neil, BC Hydro</p> <p>Kelvin Ketchum, BC Hydro</p>
<p>ABSENT WITH REGRET</p>	<p>MLA Dan Davies, Peace River North</p> <p>Mike Bernier, MLA, Peace River South</p> <p>Ranish Shakya, Blueberry River First Nation</p> <p>Jane Calvert, Blueberry River First Nation</p> <p>Mayor Allen Courtoreille, Chetwynd</p> <p>Carol Newsom, CAO, Chetwynd</p> <p>Mayor Dale Bumstead, Dawson Creek</p> <p>Duncan Redfearn, CAO, Dawson Creek</p> <p>Cec Heron, Doig River First Nation</p> <p>Terri Paulovich, Constituency Assistant, Peace River South</p> <p>Mayor Lori Ackerman, Fort St. John</p> <p>Tony Zabinsky, City Councillor, Fort St John</p> <p>Chris Cvik, CAO Acting Hudson's Hope</p> <p>Stephanie Rocheleau, McLeod Lake Indian Band</p> <p>Arlene Solonas, L & R Consultation Coordinator, McLeod Lake Indian Band</p> <p>Mayor Lorraine Michetti, Pouce Coupe</p> <p>Christopher Leggett, CAO, Pouce Coupe</p> <p>Director Leonard Hiebert, Area D, Peace River Regional District</p> <p>Director Dan Rose, Area E, Peace River Regional District</p>

	Shawn Dahlen, CAO, Peace River Regional District Betty Ponto, Taylor Andrew Young, Taylor Mayor Keith Bertrand, Tumbler Ridge Jordan Wall, CAO, Tumbler Ridge Councillor Nathan Parenteau, Sauleau Ken McKenzie, BC Hydro Steve Abbey, BC Hydro Ben Rauscher, BC Hydro
INVITED GUESTS	
ATTENDED	Jim Morgan, ATCO Maximilien Bisson, Voith Ann Danilevich, AFDE Troy Van Bolstelen, AFDE Jamie Bodnarchuk, PRHP Adriana daCosta, MoTI
ABSENT WITH REGRET	Brian Hussain, ATCO Christian Dann, ATCO Stephane Giroux, Voith Marelda Brydon, PRHP Craig Cornell, PRHP

Documents Distributed (on December 10 & 11, 2019)

RCLC Meeting Agenda
RCLC Meeting Action Log - Updated December 2019
RCLC Presentation Slides
Site C Public Enquiries Report & FAQs for October & November 2019
Site C Business Summary for Q3 2019
Site C River Diversion Information Sheet
Site C Property Acquisition Information Sheet
Site C October Workforce Report
Site C Major Contractors Employment Stats Breakdown – September 2019

1. Opening / Welcome / Agenda

- a) Dave Conway welcomed the Committee members to the meeting.
- b) Dave thanked Fort St John for hosting the meeting at the Northern Grand Hotel and acknowledged that the meeting was taking place in the traditional territory of the Treaty 8 First Nations.
- c) Dave identified muster locations and exits for safety.
- d) Introductions were conducted around the room of all members.
- e) The agenda was reviewed and a request made for any additional items by Dave Conway.
 - a. No additional agenda items were added.

2. Review of Action Items

- a) Dave Conway reviewed the action item log and asked if the Committee had any questions.
- b) Shanna responded that BC Hydro will provide the Clayhurst letter to the Committee before the next RCLC meeting.
- c) Fort St John stated that for action item 2019-001 the Fort St John water reclamation facility is ready, waiting for power. Fort St John and BC Hydro will continue to move this action item forward.

Action: No new action items.

3. BC Hydro Project Update

2019/2020 Site C Update

Chris Waite introduced himself as the Director of projects for Site C. Update included:

- a) Chris acknowledged that Ken McKenzie, Director of Site C, sends his regrets that he could not attend. Chris presented the 2019/2020 update on Ken's behalf.
- b) Chris reviewed key milestones on the Site C project in 2019.
- c) Chris played the November construction drone video.
- d) Chris stated that 2020 will see activity on all areas of the project site.
- e) Shanna Mason stated that September has been identified for diversion in 2020, but asked Chris to clarify on if conditions are ready for diversion earlier, is there a potential for diversion to take place earlier?
- f) Chris responded that while September 1 is identified in the schedule as the milestone date for diversion, diversion could happen a number of weeks before or after the scheduled September 1 milestone if conditions are right.
- g) PRRD Area C asked whether the timing of diversion could affect fish spawning.
- h) Brent Mossop responded that a few weeks would not impact the fish spawning migration.

Action: No new action items.

Operations and Resource Management Presentation

Kelvin Ketchum introduced himself as a principal engineer with BC Hydro. Presentation included:

- a) Dave reminded the Committee of the interest in this topic from the September RCLC meeting.
- b) Kelvin addressed the earlier topic on the timing of diversion. He stated that the focus is on September for hydrological and environmental reasons. The diversion date can't be too much earlier due to potential high rainfall events and safety, which is why the focus is on September and the initial diversion work needs to be completed before power demand increases for the winter. Kelvin stated he will talk about this more in his presentation.
- c) Kelvin encouraged questions during the presentation.

- d) Kelvin discussed the trends in the Williston reservoir levels over the past 7 years for the fall and winter seasons.
- e) PRRD Area B asked if BC Hydro has talked with residents and farmers along Halfway River about what to expect when diversion occurs.
- f) Dave responded that BC Hydro is planning to begin communication on diversion with boating groups in early April 2020, and communication with property owners will take place before this.
- g) PRRD Area B requested notification when BC Hydro is going out to discuss diversion impacts with property owners on Halfway River.
- h) Hudson's Hope requested a week's notification of when diversion is actually taking place.
- i) Shanna stated she will discuss this more in her presentation later, but reviewed that BC Hydro has already met with some upstream property owners and have shown them maps of diversion in some cases. Shanna added that BC Hydro is looking to put together an animation illustrating the headpond filling levels for public information. BC Hydro will let the PRRD Directors know when the meetings with property owners are occurring, and will meet with them as needed.
- j) Kelvin continued with the presentation and stated that BC Hydro measures and provides snowpack forecasts for Williston in monthly updates. At times more frequent updates are available.
- k) Dave added that if members of the Committee are not on the Williston Reservoir forecast mailing list and want to be, to let him know and he will add them to the mailing list.
- l) Presentation shifted to focus on climate change impacts in the PRRD. Kelvin identified the projected seasonal changes in the region in the scenario where little action is taken to reduce climate change, and in the best-case climate change scenario.
- m) PRRD Area C requested clarification on what is meant by precipitation. Kelvin clarified that it includes snow and rain.
- n) Dave reminded the Committee that the Director of PCIC presented on this topic at PWAC and suggested that if any communities are interested in having PCIC present to their communities or local governments on the topic of climate change impacts in the Peace Region, Dave will provide the contact info.
- o) Kelvin summarized that annual variability due to climate change is projected to continue, but the operation of Williston Reservoir can be adjusted to meet needs across the system.
- p) PRRD Area B asked whether the BC Hydro reservoirs increase the moisture in the nearby areas. They stated that there has been lots of anecdotal discussion on this topic, but is there scientific background.
- q) Shanna responded that BC Hydro will take this away to respond.
- r) PRRD Area B expressed interest in hearing from a climate scientist for further details.

Action:

BC Hydro will provide a week's notice to the Hudson's Hope District Council when diversion will take place.

BC Hydro will notify the PRRD directors when BC Hydro continues to meet with property owners in early 2020.

Committee members to contact Dave Conway to be added to the Williston Reservoir forecast mailing list as needed.

Committee members to contact Dave Conway for PCIC contact info if interested in having them present to their communities.

BC Hydro to provide response to Fort St John on the science/influence behind if reservoirs increase precipitation in nearby areas.

On-Site Construction Update

Ross Turner introduced himself as the Director of construction for Site C. Update included:

- a) Ross pointed out roads on the Left Bank picture to orient the group to the image.
- b) Worker accommodation: Phase 2 rooms will add an additional 450 rooms, which begin construction in early 2020 with staggered occupancy as units are completed from May to Oct 2020.
- c) Ross identified construction works updates to improve erosion control on the left bank.
- d) PRRD Area B asked if this is near Garbage Creek. Shanna and Ross confirmed that L3 is not near that location, but confirmed that works around Garbage Creek are also complete.
- e) Ross updated that BC Hydro has achieved necessary compaction for the till material which is delivered to site via the till conveyor.
- f) PRRD Area C asked about timed release of sediment ponds at 85th Ave industrial lands, and asked which direction the flow will go.
- g) Shanna responded that BC Hydro can take that away to answer in more detail. The ponds delay the release during a storm event.
- h) PRRD Area C clarified his concern is which direction will the runoff go (east towards Old Fort or west towards L3).
- i) Nancy added that the water control structures being installed by PRHP are the first water control infrastructure installed on the lands to the east of 107th. The installation of this infrastructure will capture and delay the release of water during rain events instead of allowing the water to flow south uncontrolled past the Wiltsie Drive subdivision as it currently does.
- j) PRRD Area C stated he is concerned about if the flow will go towards Old Fort and may contribute to potential destabilization of the landslide.
- k) BC Hydro will provide an answer on the direction of the flow.
- l) Taylor asked what the headpond level will be at the inlet portals.
- m) Ross responded that the tunnels will be submerged beneath the headpond.
- n) Shanna provided an answer for the height of the headpond at the inlet tunnels. The maximum height of the cofferdam is 433 m. The height at the top of the diversion tunnels is 418 m. The typical maximum height of headpond will be 420 m, so 2 m above the top of the inlet tunnels. Therefore the inlet tunnels will mostly be submerged.

- o) Ross provided construction updates for the temporary fishway.
- p) Brent spoke to the fish habitat enhancement. Works areas 1 and 2 are completed previously. Work area 4 was completed earlier in 2019. Work area 3 is works to come. Work area 5 is under review due to geotechnical instability.

Action:

BC Hydro to provide an answer to PRRD Area C on where the flow from sediment ponds at 85th Ave will go (east or west).

Fish Diversion Passage Presentation

Brent Mossop introduced himself as a fish biologist with BC Hydro. Update included:

- a) Brent outlined existing fish passage techniques used in other locations, and their limitations for Site C. Brent outlined the limitations for use of a fish ladder for this site. Given the length of ladder needed at the site, fish would be exhausted at the top and unable to complete their migration. Therefore trap and haul is the method identified best suited to Site C.
- b) Brent provided context for the routes where migratory fish are coming from. Fish migration patterns would be disrupted by the dam, and BC Hydro took this into consideration during the Environmental Assessment.
- c) Brent provided examples of the use of trap and haul method at other locations— at the Cleveland dam, and a land slide area in North Vancouver.
- d) Brent played a video which demonstrated the trap and haul method in use at the Cougar Dam in Oregon, and outlined similarities and differences of the facility and process at each step as compared to the Site C facility.
- e) PRRD Area B asked if fish use scent to find their migration route.
- f) Brent confirmed that scent is known to inform migration route for salmon species.
- g) PRRD Area B asked if the facility will impact the scent of the water so the fish can't find their migration route.
- h) Brent replied that adjustments to flow rates will be implemented to maintain access for many species.
- i) Hudson's Hope asked if some species will be more attracted to different flow rates.
- j) Brent responded that some fish have implanted radio receivers, and BC Hydro uses these to measure the flow rates that different species respond to and will adjust flows as needed when in operation. BC Hydro has already conducted monitoring to measure which flows attract which species.
- k) Hudson's Hope asked how long different species of fish might need to wait below the dam for their preferred flow rate for them to approach the passage area.
- l) Brent responded that since BC Hydro has gathered data on fish migration patterns through the Peace River before the dam is built and will continue to collect data after diversion and the dam is built, BC Hydro be able to tell if decreases in overall fish passage occurs, and adjust flows accordingly.
- m) Hudson's Hope stated it would be interesting to see the data that has been gathered on fish movement to date.
- n) Hudson's Hope asked if predation has been built into the model.
- o) Brent responded that attraction and passage efficiency has been built into the models.
- p) Shanna asked how many fish have been tagged so far.

- q) Brent responded that about 15,000 fish are tagged per year, and around 100,000 have been tagged overall.
- r) PRRD Area B asked how far the fish will be trucked.
- s) Brent responded that fish will travel around a 1hr drive to the release sites. Multiple release sites are in place based on which area is best suited for different species—appropriate sites were identified through monitoring programs.
- t) PRRD Area B reiterated question about whether changes in water scent will impact spawning patterns.
- u) Brent responded that the trap and haul method is not observed to have affected the migration patterns for these fish.
- v) PRRD Area B queried whether water withdrawal from the river by the oil and gas industry will impact the fish.
- w) Shanna responded that the comptroller of water rights and BC Hydro are in regular contact, and oil and gas companies have a similar relationship with the water comptroller. The comptroller is intended to ensure that the combination of competing industries does not negatively impact the overall water quality.
- x) Hudson's Hope asked if different species will arrive at the intake at different times.
- y) Brent confirmed that different species will have peak arrival for migration at different times of the year. The facility will operate from April-October, which correlates with observed fish migration patterns.

Action: no new action items.

Off-Site Construction Update

Chris Waite presented on construction works for the dam off-site areas. Update included:

- a) Chris stated that the Hudson's Hope berm procurement is in early stages.
- b) Chris acknowledged the recent challenges with smoke from burn piles and the venting windows. Chris stated that local mill closures have created a challenge in processing deciduous tree debris, creating more debris, and increasing the number of burn piles. Mills are currently taking coniferous trees.
- c) Chris reiterated that BC Hydro is targeting a 420 m headpond and outlined the debris clearing buffer that is being implemented.
- d) Peace River North (PRN) shared that they have been advocating for a safe chain up area at the bottom of Bear Flat hill on Highway 29 and asked if that work could be carried out with the realignment work.
- e) MoTI responded that a chain up area is not part of the scope for BC Hydro realignment since it is not part of the impact of the reservoir works.
- f) Hudson's Hope stated that a passing lane in that area is needed.
- g) Hudson's Hope asked PRN to share info on the chain up area request they received with Hudson's Hope.
- h) MoTI acknowledged that safe passing and a safe chain up area is an existing issue, but that they are not part of the realignment package for Site C. Upgrades to address those issues would be a separate package for update.
- i) Hudson's Hope reiterated the danger of that area, and that they have been requesting a solution from MoTI.
- j) MoTI stated that part of the Site C package design is to not reduce passing opportunities.
- k) PRRD Area B asked how BC Hydro is dealing with known unstable slopes around Farrell Creek with the new highway design.

- l) Chris acknowledged that Farrell Creek has some challenging slopes. Chris described the design of Lynx Creek East (which is below some of these challenging slopes). The design in this area includes a stability berm which protects the slopes below the existing highway from the impacts of the reservoir. It also includes a large embankment fill in a side channel of the Peace where the realigned highway will be located. This design moves the highway away from some of the unstable slopes.
- m) Dave added that the aggregate comes from the island in the Peace across from this segment. Chris confirmed.
- n) PRRD Area B asked about loss of wildlife habitat from loss of the island.
- o) Shanna answered that the wildlife program has specific species that BC Hydro is required to provide replacement habitat for (including bats, fishers, snakes, eagle nests, and 550 acres of wetland replacement). For other species the provincial government requires BC Hydro to study how a subset of all species are using the area before and after inundation, and report back to the province on the impacts of the changes. Other species are species of less concern (e.g. deer, elk, and moose). BC Hydro recognises that these species are adaptable outside of the impacted footprint of Site C. Shanna offered to have a presentation to this group on wildlife impacts and wildlife programs and monitoring programs at the RCLC or PWAC. Shanna added that information on BC Hydro's wildlife program was included at the Hudson's Hope open house on November 27.
- p) PRRD Area B would like info on the wildlife programs to go to the public.
- q) Shanna suggested BC Hydro's biologists involved in the programs can come to present and that BC Hydro has been trying to break the programs down into small easy to communicate updates and would welcome any suggestions on particular programs to highlight.

Action:

Committee to confirm interest and which forum to present information on BC Hydro's wildlife programs.

Shanna Mason presented on Site C Emergency Planning Guide for River Diversion Stage.

Update included:

- a) BC Hydro has had initial meetings with the PRRD, Fort St. John and Taylor to discuss the process to share information and finalize the guide.
- b) Intent is in January to put together a working group on diversion.
- c) BC Hydro will add Site C to the existing Emergency Management Guide for the existing dams once the permanent dam is complete. During the diversion period, there will be a separate Guide just for Site C. The guide will include notification stages developed collaboratively with the local governments.
- d) Shanna asked whether/what capacity communities upstream of Site C want to be involved in this emergency planning. Shanna asked the Committee to think on this and continue the discussion in the new year.
- e) PRRD Area C stated they will discuss this with BC Hydro in January and stated they have already had preliminary discussions with Shanna on this topic.

Action:

Committee to confirm interest on meeting/involvement in emergency planning with BC Hydro in January 2020.

Job and Business Update

Kate O'Neil presented the business update. Update included:

- a) Aug 2019 is the peak project employment in the last 12 months. The seasonal shift and decrease in employment seen in past years has not occurred this fall, due in part to some of this fall's workforce now working on tunnels and highway 29.
- b) Nancy introduced the Northeast labour force numbers to provide context for the Site C PRRD employment number. The northeast includes the PRRD and NRRM which is a larger area than Site C's numbers which are only reported for the PRRD. Nancy compared this percentage for Site C to the labour force in similar industries. E.g. manufacturing sector accounts for 4% of Northeast labour force, and combined forestry, fishing, mining and gas is 9% for the Northeast.
- c) Nancy presented the community employment breakdown for the month of September 2019, included in the meeting materials package. Three major contractors reported out the numbers, and highlighted that the numbers are not comparable to cumulative monthly numbers.

Action: no new action items.

4. Contractor Updates

- a) PRHP reported that they contributed \$90,000 to various Peace River Region community groups in 2019. The largest amount went to Northern Lights College, providing \$30,000 in scholarships to women in trades. Scholarship recipients must have graduated from a high school in the PRRD, as a way to ensure the funding is supporting PRRD residents. The college matched the donation, and it will be a legacy fund. The source of funds was from a site-wide recycling program for drink packages, as well as recycling construction debris materials. That money goes exclusively to community investment, and keeps that debris out of the landfill.
- b) AFDE reported that 100,000 cubic metres of concrete have been placed. Described that penstock sections require a unique crane for installation and they are using one of four in the world (more info on the crane is on their website, including a time-lapse video on their social media of the crane moving a penstock). Stated that hiring in 2020 & 2021 will increase their workforce by 50%. AFDE continues to sponsor a variety of community and indigenous events.
- c) ATCO described the upcoming camp additions in 2020. Stated they are continuing their local involvement with the Salvation Army, and donated \$2500 to the annual Christmas campaign. ATCO is working on a meals program with the Salvation Army to provide meals to in-need students at schools and in-need residents, from the hospitality side of ATCO's business.
 - a. Fort St John asked ATCO to expand on the meals program.
 - b. ATCO elaborated that the meals prepared at the Site C ATCO camp are prepared in individual packages. The meals are removed from the camp before their overall use-by date (per the contract), but are still useable. The Salvation Army has a van that can transport the food to the community.
 - c. Fort St John highlighted that the City was integral to this program being put in place and stated since the Peace Region has many work camps, this presents an opportunity to all Cities and Districts to share this program with other

companies for other worker camps and encourage them to partner in similar ways.

- d. Dave asked if this program will expand at other ATCO camp sites.
- e. ATCO responded that once the program is streamlined, they will look at expanding it to their other locations at other ATCO work sites.
- d) MoTI. Described upcoming procurement steps.
- e) Voith. Described upcoming works, including mobilising for installation of powerhouse for spring of 2020.

Action: no new action items.

5. Roundtable

A roundtable update occurred from the local community representatives:

- a) Fort St John: stated they had no further update other than the meal program partnership with ATCO.
- b) PRRD Area B: Stated a frequent question they hear is if Site C is on budget. Requested that the quarterly BCUC report to be sent to RCLC members.
- c) Hudson's Hope: Stated they are talking to BC Hydro regarding community outreach. Thanked BC Hydro for the November Hudson's Hope community open house. It was the second open house in one year. Stated that the community appreciates having info come out as available.
- d) PRRD Area C: Mentioned the burning and venting window, and that they are keeping an eye on dust on Old Fort.
- e) Taylor: Thanked BC Hydro for taking responsibility for their part of the burning window impact. Stated they are interested in meeting with BC Hydro on emergency planning for Taylor, especially for Peace Island Park. Thanked BC Hydro for continuing to keep them informed on diversion.

Action: BC Hydro to send quarterly BCUC reports to RCLC members on an ongoing basis.

6. Next Steps

- a) The spring meeting date was confirmed.
- b) Summer meeting dates were proposed: No date was chosen. BC Hydro will send potential spring dates, and poll for preferences via email.

Action: no new action items.

Appendix C: List of Supporting Materials

Materials supporting the Regional Community Liaison Committee meetings held in 2019.

Title	Author	Date
Site C Enquiries Report & FAQ (November – December 2018)	BC Hydro	January 10, 2019
RCLC Workforce Report (November 2018)	BC Hydro	January 10, 2019
RCLC Workforce Report (December 2018)	BC Hydro	February 13, 2019
RCLC Site C Project Update Presentation	BC Hydro	March 12, 2019
Site C Enquiries Report & FAQ (January – February 2019)	BC Hydro	March 12, 2019
RCLC Workforce Report (January 2019)	BC Hydro	March 12, 2019
Site C Local Business Summary – Q4 (October – December 2018)	BC Hydro	March 12, 2019
Site C Heritage Program Brochure	BC Hydro	March 12, 2019
Site C Pre-Carpentry Skills Trade Pilot Program Brochure	BC Hydro	March 12, 2019
RCLC Action Log Update	BC Hydro	March 12, 2019
RCLC Annual Report - 2018	BC Hydro	March 29, 2019
RCLC Workforce Report (February 2019)	BC Hydro	April 11, 2019
RCLC Workforce Report (March 2019)	BC Hydro	May 13, 2019
Site C Enquiries Report & FAQ (March – April 2019)	BC Hydro	May 13, 2019
RCLC Inquiry RE Job Applicants	BC Hydro	May 31, 2019
Site C Archaeology Program Update	BC Hydro	June 4, 2019
Site C Paleontology Program Update	BC Hydro	June 4, 2019
RCLC Site C Project Update Presentation	BC Hydro	June 18, 2019
Site C Enquiries & FAQ Report (May 2019)	BC Hydro	June 18, 2019
RCLC Workforce Report (April 2019)	BC Hydro	June 18, 2019
Hudson's Hope Shoreline Protection Brochure	BC Hydro	June 18, 2019
Site C Local Business Summary – Q1 (January – March 2019)	BC Hydro	June 18, 2019
RCLC Action Log Update	BC Hydro	June 18, 2019
Site C Paleontology Program Fossil List Update	BC Hydro	July 9, 2019
RCLC Workforce Report (May 2019)	BC Hydro	July 11, 2019

Regional Community Liaison Committee Annual Report: 2019
 Site C Clean Energy Project

Title	Author	Date
RCLC Meeting Summary Notes June 2019	BC Hydro	August 1, 2019
RCLC Workforce Report (June 2019)	BC Hydro	August 12, 2019
Pile Depths and Elevations of Diversion Tunnel Inlet/Outlet	BC Hydro	September 13, 2019
RCLC Action Log Update	BC Hydro	September 17, 2019
RCLC Site C Project Update Presentation	BC Hydro	September 17, 2019
Site C Enquiries Report & FAQs (June – July 2019)	BC Hydro	September 17, 2019
Site C Enquiries Report (August 2019)	BC Hydro	September 17, 2019
RCLC Workforce Report (July 2019)	BC Hydro	September 17, 2019
Fish and Aquatics Information Sheet	BC Hydro	September 17, 2019
Wildlife Program Information Sheet	BC Hydro	September 17, 2019
Temporary Fish Passage Information Sheet	BC Hydro	September 17, 2019
Site C Local Business Summary – Q2 (April – June 2019)	BC Hydro	September 17, 2019
Questions Document Diverting the Peace River	BC Hydro	September 20, 2019
Methylmercury Study Report Update	BC Hydro	October 18, 2019
Portage Mountain Quarry Development Plan Update	BC Hydro	October 18, 2019
RCLC Workforce Report (August 2019)	BC Hydro	October 23, 2019
Site C Enquiries Report & FAQs (August – September 2019)	BC Hydro	October 23, 2019
Update on Operating Levels for Peace Canyon, Williston and Mackenzie	BC Hydro	October 23, 2019
RCLC Workforce Report (September 2019)	BC Hydro	November 12, 2019
Site Wide Notice: Driving in Residential Areas	BC Hydro	November 12, 2019
RCLC Meeting Summary Notes September 2019	BC Hydro	November 12, 2019
Information Sheet: Topsoil Management Along Highway 29 Realignment	BC Hydro	November 12, 2019
Update on Smoke Near Dam Site	BC Hydro	December 4, 2019
RCLC Site C Project Update Presentation	BC Hydro	December 10, 2019
Site C River Diversion Info Sheet	BC Hydro	December 10, 2019
Site C Property Acquisitions Info Sheet	BC Hydro	December 10, 2019
Site C Local Business Summary – Q3 (July–	BC Hydro	December 10, 2019

Regional Community Liaison Committee Annual Report: 2019
 Site C Clean Energy Project

Title	Author	Date
September 2019)		
RCLC Workforce Report (October 2019)	BC Hydro	December 10, 2019
Site C Enquiries Report & FAQs (October–November 2019)	BC Hydro	December 10, 2019
RCLC Action Log Update	BC Hydro	December 11, 2019
PRRD Employment Stats Breakdown: September 2019	BC Hydro	December 11, 2019

Appendix D: RCLC Action Item Tracking Log – 2019

Regional Community Liaison Committee

Action Items Tracking Log: January – December 2019

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-029	Committee to confirm interest and which forum to present information on BC Hydro's wildlife programs.	Committee members	December 11, 2019	In Progress. BC Hydro consulted with the Committee on this item by email on Feb 7. Committee members to respond to BC Hydro with next steps.
2019-028	BC Hydro to provide an answer to PRRD Area C on where the flow from sediment ponds at 85 th Ave will go (east or west). PRRD Area C clarified he is concerned about if the flow will go towards Old Fort and may contribute to potential destabilization of the landslide.	BC Hydro	December 11, 2019	In Progress. BC Hydro will consult with MoTI to provide a response to this question.

**Please see the Action Items Outcome Summary for more information on the outcome*

**Please see the 2017 and 2018 Action Item Tracking Log for previous year's completed action items (SharePoint)*

March 2020

Page 1 of 8

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-027	BC Hydro to provide response to PRRD Area B on the science/influence behind if reservoirs increase precipitation in nearby areas.	BC Hydro	December 11, 2019	<p>In Progress. BC Hydro reviewed the “annotated bibliography” prepared by Stanton Tuller (31 Aug 2008) that summarizes the research done on changes to the Peace River basin climate caused by Williston Reservoir (observed and expected) and the Site C Reservoir (expected). This supported the Site C environmental assessment.</p> <p>In summary, the research shows very little or no change in annual precipitation attributable to Williston Reservoir and Peace River regulation. Small changes in air temperature, humidity, fog frequency, and wind speed close to the reservoir (within 600 m) were postulated, but these effects are quite localized and do not appreciably affect the climate of the Peace River basin.</p>
2019-024	BC Hydro will notify the PRRD Directors when BC Hydro continues to meet with property owners to discuss diversion impacts and the extent of the headpond, in early 2020.	BC Hydro	December 11, 2019	<p>In progress. BC Hydro will notify the PRRD Directors prior to the next meetings with impacted property owners regarding diversion impacts.</p>
2019-023	BC Hydro will provide a week’s notice to the Hudson’s Hope District Council when diversion will take place.	BC Hydro	December 11, 2019	<p>Future Action. Action is noted for implementation prior to diversion.</p>
2019-010	BC Hydro will follow-up with Hudson’s Hope regarding how much rip-rap is planned to be taken out of Portage Mountain quarry and how much traffic is anticipated on Canyon Drive for this work.	BC Hydro	June 19, 2019	<p>In progress. BC Hydro is finalizing some of the designs which require rip-rap from Portage Mountain and will provide an update on hauling when final information is available.</p>

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**Please see the 2017 and 2018 Action Item Tracking Log for previous year’s completed action items (SharePoint)*

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-001	BC Hydro will follow-up with the PRRD and the City of Fort St. John regarding the use of reclaimed water for activities at the dam site.	BC Hydro	March 13, 2019	In progress. BC Hydro has followed up with the PRRD and City staff regarding the in-service dates of their water reclamation facilities. After the FSJ facility is open BCH will follow up with the City on the use of the facility.
ONGOING ACTIONS				
2016-007	Members will encourage people who approach them with questions or enquiries to submit the enquiry via the Site C website enquiry form to BC Hydro or via email at sitec@bchydro.com or with plenty of detail to help BC Hydro address the enquiry.	RCLC	March 11, 2016	Ongoing. This information has been added as a standing meeting agenda item.
2016-011	BC Hydro to share current data on jobs—including information on the number of workers from the Peace River Regional District, enquiries and procurements, as well as a 3-6 month outlook.	BC Hydro	March 11, 2016	Ongoing. This information has been added as a standing meeting agenda item.
2016-012	Committee members request the attendance of a BC Hydro Executive Team member at the meeting.	BC Hydro	March 11, 2016	Ongoing. BC Hydro will target having a BC Hydro Executive Team member attend annually.
2016-018	BC Hydro will communicate to the committee when an application is made for a NOTAM, what the application is for and what BC Hydro receives.	BC Hydro	April 22, 2016	Ongoing. If blasting is scheduled at the dam site, BC Hydro will file for a NOTAM with Nav Canada. The NOTAM would likely only cover the period of time when the blasting is planned to occur. BC Hydro will communicate with committee members when an application is made.

**Please see the Action Items Outcome Summary for more information on the outcome*

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March 2020

Page 3 of 8

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2016-043	Members are encouraged to forward any additional lessons from the construction of DCAT, in case there are lessons that can be applied to the Site C project.	RCLC	December 7, 2016	Ongoing.
2017-001	Members are encouraged to promote BC Hydro job opportunities with the Site C project.	RCLC	March 10, 2017	Ongoing.
2017-003	RCLC members will provide BC Hydro with copies of any advertisements or notices of Site C related work that may contain incorrect information, so BC Hydro can review and correct, if necessary.	RCLC	March 10, 2017	Ongoing.
2018-001	BC Hydro will add an ongoing item to the Action Items Tracking Log for the drainage at, and use of, the 85 th Avenue Industrial Lands.	BC Hydro	January 31, 2018	Ongoing. Drainage at, and use of, the 85 th Avenue Industrial Lands will remain as ongoing until further notice. BC Hydro held a meeting on 85 th Avenue with the PRRD, Fort St. John and MoTI on July 4, 2019. BC Hydro will schedule additional meetings as needed.
2018-006	BC Hydro will provide a response to the question of whether the employment statistics provided to the Committee can be categorized by community.	BC Hydro	January 31, 2018	Ongoing. BC Hydro will provide a bi-annual breakdown of major contractors' employment stats by community.
2019-31	BC Hydro to send quarterly BCUC reports to RCLC members on an ongoing basis.	BC Hydro	December 11, 2019	Ongoing. BC Hydro will send an email with a link to the BCUC Quarterly Progress reports shortly after they are filled with the BCUC and posted to the Site C Project website.

**Please see the Action Items Outcome Summary for more information on the outcome*

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March 2020

Page 4 of 8

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-025	Committee members to contact Dave Conway to be added to the Williston Reservoir forecast mailing list as needed.	Committee Members	December 11, 2019	Ongoing. Reminder sent to Committee by email on Feb 7, 2020.
2019-026	Committee members to contact Dave Conway for PCIC contact info if interested in having them present to their communities.	Committee Members	December 11, 2019	Ongoing. Reminder sent to Committee by email on Feb 7, 2020.
2019-030	Committee to confirm interest on meeting/involvement capacity in emergency planning with BC Hydro in January 2020.	Committee members	December 11, 2019	Ongoing. Taylor, Fort St. John, and PRRD elected representatives and/or staff conducted the initial Dam Safety meeting on Feb 5, 2020. Follow-up phone meetings and planning are underway.
COMPLETE ACTIONS				
2016-008	BC Hydro will bring a draft list of principles for project workers and contractors, which reflect the reputation BC Hydro wants for the Site C Project as a whole, for discussion.	BC Hydro	March 11, 2016	Complete. Construction Principles shared with the Committee for discussion.
2019-002	BC Hydro will follow-up with the RCLC members regarding their interest in archaeological and paleontological artifacts.	BC Hydro	March 13, 2019	Complete. BC Hydro responded by email to the RCLC on June 4, 2019 (RCLC Archaeological Program Artifact Disposition Letter), and on June 13, 2019 (RCLC Palaeontology Program Fossil Disposition Letter).
2019-003	BC Hydro will contact Chetwynd to set up a time to present to council.	BC Hydro	March 13, 2019	Complete. On March 29, 2019 BC Hydro contacted Chetwynd regarding a time to present to Council. Chetwynd notified BC Hydro that they could present on June 17, 2019 to Council.

**Please see the Action Items Outcome Summary for more information on the outcome*

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March 2020

Page 5 of 8

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-004	BC Hydro to send out video link of the bison excavation (included in these meeting notes).	BC Hydro	March 13, 2019	Complete. The video link, included in the final meeting summary notes, was distributed to the Committee on April 17, 2019.
2019-005	BC Hydro will look into if any information is available regarding the number of Indigenous job applicants.	BC Hydro	March 13, 2019	Complete. On May 31, 2019, BC Hydro responded directly by email to the First Nation who requested this information.
2019-006	BC Hydro will provide an inventory list of the paleontology artifacts obtained from the Site C project and transferred to the Royal BC Museum.	BC Hydro	June 19, 2019	Complete. Inventory list was provided on July 9, 2019 via email to the Committee.
2019-007	BC Hydro to provide Fort St. John the grade of the diversion tunnels, between the inlet/outlet and the river bottom.	BC Hydro	June 19, 2019	Complete. BC Hydro responded by email to the City on Sept 13, 2019 (Pile Depths and Elevations of Diversion Tunnel Inlet/Outlet).
2019-008	BC Hydro to provide to Fort St. John the depth of the piles along 85th Ave Industrial Lands.	BC Hydro	June 19, 2019	Complete. BC Hydro responded by email to the City on Sept 13, 2019 (Pile Depths and Elevations of Diversion Tunnel Inlet/Outlet).
2019-011	BC Hydro will provide the link to the Halfway River Bridge video once posted.	BC Hydro	June 19, 2019	Complete. Link included in June 19, 2019 final meeting summary email to the Committee on Aug 1, 2019.
2019-013	BC Hydro will inform Fort St. John about discussions with the Ministry regarding the potential for hiring workers impacted by the OSB mill closure.	BC Hydro	June 19, 2019	Complete. BC Hydro has provided regular updates to the City regarding efforts to connect workers impacted by the OSB mill closure with employment on Site C.
2019-014	BC Hydro to send the Committee today's flow rates.	BC Hydro	September 18, 2019	Complete. The flow rates on the Peace River on September 18, 2019 at 8am were 760cms at Site C, 1300cms at Peace Island Park. Provided by email on September 20, 2019.

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March 2020

Page 6 of 8

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-017	BC Hydro will send the questions regarding diversion document to the Committee. The Committee received the questions in hard copy at the September 18, 2019 meeting.	BC Hydro	September 18, 2019	Complete. BC Hydro sent the document with questions regarding diversion to the committee via email on September 20, 2019. A paper copy was provided at the meeting.
2019-015	BC Hydro will invite the fish biologists to present to the Committee on Fish Passage at the next RCLC in December.	BC Hydro	September 18, 2019	Complete. BC Hydro sent invitations to the fish biologists and confirmed their attendance and presentation at the December 11, 2019 RCLC meeting.
2019-019	BC Hydro will plan a tour of site for RCLC members in October. PWAC will be invited. RCLC members would like to be able to invite council members as well. BC Hydro has 20-40 for capacity on the bus tour.	BC Hydro	September 18, 2019	Complete. Dave proposed 3 dates for the dam site tour for the RCLC and PWAC in mid October. The tour was held on October 15, 2019.
2019-021	BC Hydro will confirm if the Portage Mountain Quarry access road work is visible from Dinosaur Reservoir.	BC Hydro	September 18, 2019	Complete. BC Hydro sent the RCLC on October 18, 2019 (“RCLC – Poll for March Meeting Dates”) the link to the Portage Mountain Quarry development plan on the BC Hydro Website here showing the location of the road.
2019-016	BC Hydro will invite Darren Sherbot to the next RCLC in December to present on Operations and Resource Management of BC Hydro’s system, particularly Williston Reservoir.	BC Hydro	September 18, 2019	Complete. Kelvin Ketchum will present at the December 11, 2019 RCLC meeting on Operations and Resource Management of BC Hydro’s system, particularly Williston Reservoir.

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**Please see the 2017 and 2018 Action Item Tracking Log for previous year’s completed action items (SharePoint)*

Item No.	Action Item	Responsibility	Meeting Date	Status / Outcome*
2019-012	BC Hydro will provide the Committee details about the length of the Halfway River Bridge and any pullouts at either end once the functional design is complete.	BC Hydro	June 19, 2019	Complete. BC Hydro provided a link to the updated website for Highway 29 construction on August 1, 2019. The Halfway River Bridge will be approximately 1km long.
2019-022	BC Hydro will send the operating levels for Peace Canyon and Williston as well as the levels relevant to Mackenzie	BC Hydro	September 18, 2019	Complete. Response sent by email to RCLC on Oct 23, 2019 (“RCLC September Meeting notes and Reports”).
2019-020	BC Hydro will poll Committee for preferences on Spring RCLC meeting dates.	BC Hydro	September 18, 2019	Complete. Polling for March meeting dates was sent on October 18—calendar invites have been sent to BCH, RCLC members, and contractors. March 11 was selected as the meeting date.
2019-009	BC Hydro will arrange a follow-up discussion with the PRRD regarding the status and plans for north bank fish enhancement near Old Fort.	BC Hydro	June 19, 2019	Complete. No activities related to fish enhancement have taken place or are presently planned on the north bank. BC Hydro met with the PRRD on October 30, 2019 to present on this topic.
2018-006	BC Hydro will provide a response to the question of whether the employment statistics provided to the Committee can be categorized by community.	BC Hydro	January 31, 2018	Complete. BC Hydro provided a breakdown of major contractors’ employment stats by community for September 2019 at the December 2019 RCLC meeting.
2019-018	BC Hydro will provide the RCLC with the previous communications record with the PRRD regarding Clayhurst boat launch.	BC Hydro	September 18, 2019	Complete. BC Hydro reviewed the history of communication and materials on the decision to cancel the Clayhurst / Blackfoot boat launch, and prepared a cover letter summarizing the project history. The letter was sent to the RCLC via email on Feb 25, 2020.

**Please see the Action Items Outcome Summary for more information on the outcome*

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