

**SITE C CLEAN ENERGY PROJECT  
COMMUNITY AGREEMENT**

BETWEEN

BC HYDRO AND POWER AUTHORITY  
("BC Hydro")

AND

DISTRICT OF TAYLOR  
("Taylor")

**Background**

BC Hydro is proposing to construct and operate the Site C Clean Energy Project (the "Project"). The Project is currently undergoing a joint federal and provincial environmental assessment (EA), including a review by an independent Joint Review Panel.

This document sets out the terms of the Agreement between BC Hydro and Taylor, should the Project proceed. The terms of the Agreement address measures to mitigate the potential impacts of the Project that are of concern to Taylor, as set out in the Environmental Impact Statement (EIS), and measures that support other community interests identified by Taylor. The purpose of the Agreement is to confirm that these measures address the concerns and interests raised by Taylor regarding the potential effects of and public interest in the Project.

All of the measures identified as part of the Community Agreement are separate from the Site C Regional Legacy Benefits Agreement between BC Hydro and the Peace River Regional District, and from any payments in lieu of taxes that may be paid during the operations phase of the Project by BC Hydro as directed by the Province of British Columbia.

## **Terms of Agreement**

The concerns raised by Taylor and the measures proposed by BC Hydro are set out in the table below:

<b>Concerns Raised by Taylor</b>	<b>Proposed Measures</b>
<b>A safe and secure municipal water supply and infrastructure</b>	<p>Potential concerns with Taylor's municipal water supply system are discussed in EIS section 30.4.3.4. BC Hydro proposed to develop, with Taylor, an approach to determining or monitoring potential effects of the Project on Taylor's water supply system. Taylor has raised concerns about the financial aspect of responding to unexpected events that may require emergency hauling of water to meet community needs.</p> <p>BC Hydro and Taylor agree to the following detailed measures:</p> <ul style="list-style-type: none"><li>• Starting in 2013, prior to Project construction, BC Hydro and Taylor will jointly develop and implement a detailed monitoring program in order to identify any Project-related change. The program will:<ul style="list-style-type: none"><li>○ Collect relevant data on the influence of the Project on water flow, water temperature, suspended sediment, and key water quality indicators. The monitoring program will begin prior to the start of Project construction and would continue during operations until the Project's influence on the water supply system is reasonably determined to the satisfaction of both Parties.</li><li>○ Identify potential effects and relevant mitigation measures for maintaining a reliable and safe water supply to residents.</li></ul></li><li>• Both parties will collect and report information as required to support the monitoring program.<ul style="list-style-type: none"><li>○ BC Hydro will implement water temperature and sediment monitoring relevant to key water quality indicators on the Peace River to support the overall monitoring program, beginning in 2013 prior to Project construction, and will continue to collect water flow information from the Peace River.</li><li>○ In 2014, prior to Project construction, BC Hydro will provide \$85,000 to Taylor for purposes related to implementing an effective water supply monitoring program.</li></ul></li><li>• In the event that the monitoring program confirms that the Project has or may adversely affect Taylor's municipal water supply system, BC Hydro will work with Taylor to identify and implement appropriate mitigation measures and BC Hydro will fund those mitigation measures related to Project effects.</li><li>• At Taylor's agreement and direction, BC Hydro will implement measures to protect the water treatment plant and pumphouse from potential shoreline erosion by the end of Year 2 of Project construction.</li><li>• BC Hydro will continue to respond to requests from Taylor to adjust flows, when operationally and economically feasible, to enable access to well sites at high water levels.</li><li>• During the monitoring program, the following steps will be taken to ensure</li></ul>

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**Concerns Raised by Taylor    Proposed Measures**

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community needs for water are met if unexpected events occur that result in Taylor enacting emergency water hauling measures:

- Taylor is responsible for implementing appropriate measures to meet community needs for water.
- If Taylor implements emergency water hauling, BC Hydro will consider providing emergency financial assistance within five business days of receiving a written request for financial assistance to support these activities.
- If, in BC Hydro's view, the unexpected events may have been caused by Project activities, BC Hydro will advance up to \$50,000 in emergency financial assistance to support Taylor's emergency water hauling activities within 30 days of receiving the written request for assistance.
- Regardless of BC Hydro's decision to provide emergency financial assistance, the Parties would resolve the financial responsibility through a standard claims process. If the events are found to be caused by BC Hydro's Project activities, BC Hydro will be responsible for the cost of emergency water hauling measures net of any monies advanced. If the events are not found to be caused by BC Hydro's Project activities, Taylor will refund any monies advanced to them by BC Hydro.

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**Fog and Road Safety**

The creation of the Project's reservoir may result in localized temperature changes that may increase the amount of normal or heavy fog along Highway 97 adjacent to the Peace River at Taylor. An increase in fog could adversely affect driving visibility, driving conditions, and overall road safety, as discussed in the EIS section 31.4.4. In the EIS BC Hydro proposed to monitor fog conditions, and identified potential measures that would minimize fog-related collisions and maintain overall road safety.

BC Hydro has discussed the potential fog-related measures further with Taylor and the BC Ministry of Transportation and Infrastructure (MoTI), and will implement the following detailed measures at the beginning of Project construction, in coordination with MoTI and the District of Taylor:

- BC Hydro will provide funding to MoTI to implement the following measures:
    - Installation of new west-side continuous street lighting along Highway 97 through Taylor, from Birch Avenue west to 100<sup>th</sup> Street access near McMahon Drive.
    - Installation of new intersection lighting at Highway 97 and Pine Avenue, 103<sup>rd</sup> Avenue, Cherry Avenue (to south of railway crossing), and at Cherry Avenue.
    - Installation of changeable message signs on Highway 97 on the south Taylor Hill and on the hill north of Taylor, to be operated as part of the MoTI network. Changeable message signs will provide motorists with
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<b>Concerns Raised by Taylor</b>	<b>Proposed Measures</b>
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advanced notification of weather and road conditions, including notification of fog conditions, and other regionally important information.

- Monitoring of fog conditions by installation of a highway webcam in Taylor to be operated as part of the MoTI network. The location of the webcam will be determined in consultation with Taylor and MoTI.
- BC Hydro will work with the District of Taylor and MoTI to coordinate the implementation of the above measures in conjunction with planned intersection improvements in 2015.

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<b>Emergency Response and Road Safety</b>	
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The Project will result in a general increase in traffic on the local road networks. As described in the EIS Section 31 Transportation, BC Hydro predicts changes to road safety due to the Project to be low. BC Hydro proposes the following measures:

- To support local fire departments in responding to the general increase, BC Hydro has proposed in the EIS section 30.4.2 to work with local fire departments to identify incremental demands on emergency rescue services, and to provide a one-time donation of \$20,000 to Taylor, in Year 1 of construction, to support their role in road rescue services to the community during Project construction.

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<b>Emergency Preparedness Planning</b>	
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Taylor is approximately 18 km downstream from the Site C dam site. BC Hydro submitted a Dam Safety Technical Memo with the EIS that includes information about emergency response and emergency preparedness planning. As discussed in this memo, BC Hydro follows existing provincial legislation with respect to emergency response planning, and provision of emergency planning information and notification to downstream response agencies and authorities.

BC Hydro recognizes that Taylor, as a downstream local authority, has a duty under the *Emergency Program Act* to have an emergency plan in place, and will need to review and update its emergency plan in consideration of the Project construction and operations. BC Hydro will support Taylor as follows:

- BC Hydro will consult with Taylor and other local authorities on the contents of Project Emergency Preparedness Plans.
- BC Hydro will provide Taylor and other local authorities with its Emergency Preparedness Plans to support them in updating their own emergency preparedness and response plans.
- Taylor will keep BC Hydro's Emergency Preparedness Plan and associated information confidential. In accordance with the Canadian Dam Association recommendation, distribution should be limited to those who have a legal and defined emergency response role for security reasons.
- To support Taylor in updating their emergency preparedness and response plan, BC Hydro will provide a total of \$50,000 to Taylor in two equal payments: one in Year 1 of Project construction, and one in the Year prior to Project commissioning.

Concerns Raised by Taylor	Proposed Measures
<b>Improvements to Peace Island Park</b>	<p>To support Project construction phase regional workforce housing, BC Hydro has proposed in the EIS section 29.4.2 to expand the supply of temporary accommodation by providing long-stay RV spaces. BC Hydro recognizes that long-stay RV spaces are not suitable for year-round accommodation.</p> <p>BC Hydro and Taylor have discussed options for providing new long-stay RV spaces at Peace Island Park, as the Project may result in increased recreation use at Peace Island Park.</p> <ul style="list-style-type: none"> <li>Starting in 2013 prior to Project construction, BC Hydro and Taylor will develop a mutually agreeable Long-Stay RV Site Plan for new long-stay RV sites, and overflow parking. Site plan will include consideration of options for the location of new long-stay RV spaces, the location and size of overflow parking, on-site sewer system, on-site potable water system, electrical hook-ups, and provision of new Wi-Fi capability.</li> <li>At minimum, BC Hydro will fund the development of, or will develop directly, at least 20 new long-stay RV spaces and overflow parking (with a target capacity of 120 vehicles), including electrical hook-ups, and on-site services for waste and potable water that may include hauling. Development of these new sites and overflow parking would be completed by the end of Year 2 of Project construction.</li> <li>BC Hydro and Taylor will work together to develop a plan and determine who will be responsible for construction of these sites, and to determine any other aspects of the Long-Stay RV Site Plan that would be funded or developed by BC Hydro.</li> <li>BC Hydro and Taylor will work together to define, if any, specific terms of use of the long-stay RV spaces for the Project workforce during the Project construction phase.</li> </ul>
<b>Support for the Non-Profit Sector</b>	<p>Local governments have expressed concern about potential effects of the Project in the delivery of social services.</p> <ul style="list-style-type: none"> <li>BC Hydro is proposing to support the non-profit sector with a community fund of \$100,000 per year for eight years. The fund will be administered by the United Way and distributed to non-profit organizations in the North and South Peace on a regional basis throughout Project construction.</li> </ul>

### Implementation

BC Hydro and the District of Taylor commit to working together through the construction phase of the Project in a spirit of cooperation, collaboration and respect to ensure the smooth implementation of the agreement, and to address any issues not currently contemplated should they arise. BC Hydro proposes to form a community liaison committee that will meet regularly throughout the Project's construction phase to review the progress of the Project and discuss any associated community issues and interests.

The committee would establish a terms of reference. These terms would include procedures for committee membership, regular reporting, review of ongoing monitoring programs, identifying and addressing community interests and concerns, review of planned construction activities, and addressing unexpected events.

BC Hydro will support the District of Taylor's participation on the committee during construction, with annual funding of \$37,500 to be used for the sharing of data related to monitoring programs, and other activities related to the review and implementation of the measures contained in this Community Agreement.

### Certainty of Agreement

BC Hydro confirms that if the Project proceeds, it will work with the District of Taylor to address potential impacts to Taylor by implementing the measures described above, and any other measures including those in the appendices to this agreement, that may be implemented in compliance with any conditions of an Environmental Assessment Certificate (under the *BC Environmental Assessment Act*) or a Decision Statement (under the *Canadian Environmental Assessment Act, 2012*) approving the Project. Unless otherwise indicated as prior to Project construction, the implementation of the proposed measures is contingent on the Project proceeding.

Based upon the terms of this Community Agreement, the District of Taylor confirms that the issues it has raised with respect to the Project have been addressed. In consideration of Taylor's written confirmation set out herein that its concerns have been addressed, BC Hydro agrees to undertake and pay for the Proposed Measures, to the extent set out herein, if the Project proceeds.

Dated 27 day of January, 2014.

DISTRICT OF TAYLOR

DISTRICT OF TAYLOR

Chief Administrative Officer, District of Taylor

Mayor, District of Taylor

BC HYDRO AND POWER AUTHORITY

Executive Vice-President, Site C Clean Energy Project

## **Appendix A**

The District of Taylor has identified an interest in potential effects of the Project on Spectra Energy and Canfor as industrial water users within the District. The following describes the potential effects of the Project on these industrial water users, and measures that will be implemented to monitor for related adverse effects on their operations.

<b>Concerns Raised</b>	<b>Proposed Measures</b>
<b>Industrial Water Supply and Infrastructure</b>	<p>Operations at Spectra Energy's McMahon natural gas processing plant, and at Canfor's pulp mill may be affected by potential increases in either sedimentation or water temperature at Spectra's water intakes as discussed in the EIS section 22.4.1 and 22.4.2.</p> <p>BC Hydro and Spectra Energy have completed further discussion about the predicted changes to sedimentation and water temperature as a result of the Project and have agreed on an approach to monitoring that includes the following detailed measures:</p> <ul style="list-style-type: none"><li>• BC Hydro will collect relevant data on the influence of the Project on water temperature and sedimentation beginning in 2013, prior to Project construction, including sites on the Peace River and at Spectra's intakes. BC Hydro will begin data collection prior to Project construction, and will continue monitoring through Project construction and operations until the Project's influence on water temperature during operations at the location of the Spectra intakes is understood.</li><li>• Spectra Energy is responsible for collecting relevant data on plant operations and maintenance that would allow for the identification of effects on Spectra Energy or associated use of water for Canfor's operations that may be the result of the Project's influence on water temperature and sedimentation.</li><li>• BC Hydro will notify Canfor of the monitoring approach to confirm that the collection of temperature and sedimentation data is appropriate for monitoring potential effects on their operations.</li><li>• In the event that the monitoring program confirms that the Project has or may adversely affect plant operations, BC Hydro will work with Spectra and Canfor on appropriate mitigation measures.</li></ul>

## **Appendix B**

In the EIS, BC Hydro has proposed measures to mitigate the potential adverse effects of the Project. This Appendix provides a complete list of proposed mitigation measures for the social and economic valued components, measures that would in turn benefit communities of the Peace Region. The list below reflects the mitigation measures proposed by BC Hydro as of July 19, 2013.

For a complete list of environmental mitigation measures, refer to the Site C Clean Energy Project Environmental Impact Statement, Volume 5, Section 39: Complete Lists of Mitigation and Follow-up Measures.

<b>Social and Economic Valued Components</b>	<b>Proposed Mitigation</b>
<b>Local Government Revenue</b>	<ul style="list-style-type: none"><li>• Grants-in-lieu as determined by the provincial government is a well-understood and previously used mitigation for similar BC Hydro projects. Once operational, BC Hydro will provide annual grants-in-lieu payments to local governments as directed by provincial funding obligations order-in-council. (operations)</li><li>• Local governments may experience increased costs related to meeting the demands of new local residents and Project workforce camp populations, or may have infrastructure that, if affected and not mitigated, would increase local government expenditures. To mitigate this change, Volume 4 Section 30 Community Infrastructure and Services further identifies adverse effects and mitigation and monitoring measures as appropriate. (construction)</li><li>• Permanent inundation of land no longer available for development will be addressed by providing a one-time contribution of \$160,000 to the District of Hudson's Hope within one year of reservoir filling. (operations)</li></ul>
<b>Labour Market</b>	<p>Augment labour supply through recruitment and enhancing local labour market participation rate. (construction)</p> <p>Recruitment:</p> <ul style="list-style-type: none"><li>• Access labour pools outside of the region, and attract new entrants to the local labour force (including mobile workers).</li><li>• Encourage contractors to hire locally available workers with the requisite skills.</li></ul> <p>Enhancing local labour market participation rate: Enhance local labour market participation via training and skill development, focused on increasing the local labour market participation rate and skill level of LAA population:</p> <ul style="list-style-type: none"><li>• Provide \$1 million to the Northern Lights College Foundation to fund student bursaries, focusing on trades and skills training to support the development of skilled workers in the LAA</li><li>• Enter into a three-year (2011-2014) funding agreement with Northern Opportunities, a partnership of the school districts of</li></ul>



Fort Nelson, Peace River North, and Peace River South, Northern Lights College, local First Nations, industry and local communities, with the objective of providing young people with a seamless learning pathway from secondary school to post-secondary training, which is open to Aboriginal and non-Aboriginal students

- Participate in regional workforce training initiatives, such as the Northeast Regional Workforce Table Task Force, to support alignment of training programs with the need for skilled workers to meet the needs of northeast B.C.
- May work with contractors and labour organizations to identify apprenticeship opportunities during construction
- Provide additional daycare spaces in the Fort St. John area to increase spousal participation in the labour market

Support Aboriginal training initiatives and students (construction):

- Consider commitments respecting capacity building, education, and training associated with Aboriginal participation in the labour market
- Support training, industry, and Aboriginal partnership opportunities in the region
- Support the North East Native Advancing Society (NENAS) with \$100,000 in funding over two years (2013-2014) to support trades training under its North East Aboriginal Trades Training Program
- Dedicate \$500,000 of the \$1 million provided to Northern Lights College to Aboriginal student bursaries
- Develop a plan for inclusion of Aboriginal persons in its Project contracted workforce, including communication of employment opportunities, and evaluation criteria for hiring and training Aboriginal persons in contractor procurement packages

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**Regional Economic Development**

General Population (construction):

- Implement Business Participation Strategy to increase awareness in the business community about Project procurement opportunities (refer to Volume 1 Appendix F Project Benefits Supporting Documentation)
- Partner with local business organizations and with economic development offices and programs to deliver business information sessions and to communicate contracting opportunities
- Mitigation in the Labour Market assessment will also contribute to expansion and diversification of the contractor profile, capabilities, and capacity.

Aboriginal Peoples (construction):

- Continue outreach initiatives to make Aboriginal businesses aware of Project contracting opportunities
  - Where identified by Aboriginal groups as an interest, BC Hydro will consider commitments respecting capacity building, education, and training associated with Aboriginal participation in labour market
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opportunities

- Implement a Business Participation Strategy: continue to notify Aboriginal groups of business information sessions, and about opportunities to register with BC Hydro's Aboriginal Business Director (refer to Volume 1 Appendix F Project Benefits Supporting Documentation)
- Continue to engage directly with the Aboriginal business community in the LAA and elsewhere in the province, including providing opportunities to sponsor and participate in Aboriginal business events and conferences
- BC Hydro's Aboriginal Contract and Procurement Policy includes a commitment to increasing Aboriginal participation in providing its goods and services. Activities to achieve this objective include set-asides, direct awards, select tenders, and the inclusion of Aboriginal content in bidding documents
- BC Hydro will seek information from Aboriginal suppliers in the LAA, and from other Aboriginal groups with whom BC Hydro is engaged, about their business capacity and capabilities to provide goods and services for the Project

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**Outdoor Recreation and Tourism**

- Traffic Management Plan (including access restrictions where required) will mitigate effects on Land and Resource Use Valued Components. (construction)
- Any overlap or conflict between existing third-party recreation tenure holders and BC Hydro's proposed activities, or BC Hydro's required tenure over Crown land, will be addressed through discussions, permitting and, where appropriate, agreements with the tenure holders. Further information is available in Volume 2 Section 11.3 Land Status, Tenure, and Project Requirements. (construction)
- Develop an Outdoor Recreation Mitigation Plan (Volume 3 Appendix E). The plan specifies opportunities for recreation infrastructure on the Site C reservoir, and provides technical support to recreation providers in the region to assist with their development along, or adaptation to, new shoreline conditions. (construction)
- Develop a Public Safety Management Plan that will identify public communications procedures for public safety hazards, and access restrictions and closures during construction and operation of the Site C reservoir (Volume 5 Section 35 Summary of Environmental Management Plans). (construction)
- Establish and operate three new permanent Site C reservoir launches and day use sites (Cache Creek and Lynx Creek trailer launches and Hudson's Hope Shoreline Protection small craft launch) to replace flooded boat launch areas. (construction)
- Provide funds to the District of Hudson's Hope for the enhancement of Alwin Holland Park or other community shoreline recreation areas (operations)
- Provide a Community Recreation Site Fund to support development

of new shoreline recreation sites within the Peace River and tributaries through to the Alberta border, as well as the Site C reservoir. (construction/operations)

- Provide technical support to outdoor recreation providers that require access to the Site C reservoir to assist with their development along, or adaptation to, new shoreline conditions. (operations)
- Fund the development of a B.C. Peace River / Site C Reservoir Navigation and Recreation Opportunities Plan (operations)
- Enter into agreements with the owners of the campground at Cache Creek and the hunting camp near the Site C dam site. Where it is both physically and economically feasible, the costs to relocate facilities will be included in the agreements. (operations)
- Establish a permanent north bank Site C dam site public viewpoint. (construction)
- Project effects on outdoor recreation levels are expected to be beneficial and not require mitigation. However, mitigation proposed for changes in recreation and tourism infrastructure will enhance outdoor recreation benefits by replacing and improving outdoor recreation infrastructure that is lost due to the Project. BC Hydro will also work with the private sector and local governments to develop new RV sites (per mitigation described in Volume 4 Section 29 Housing). (construction)
- Mitigation proposed in Volume 4 Section 29 Housing (e.g., implementing on-site workforce housing) will enhance tourism benefits by avoiding shortages in hotel, motel, and campground availability that might inconvenience leisure travellers. (construction)

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**Population and Demographics**

- Implement mitigation measures proposed for the Labour Market and Housing VCs (Volume 3 Section 17 and Volume 4 Section 29), including measures to increase the local labour supply (thus reducing the need to hire persons living outside the LAA) and the provision of camp accommodation, to moderate growth of the local population (construction)
  - Implement mitigation measures proposed for the Community Infrastructure and Services VC (Volume 4 Section 30) to mitigate the effects of an increased local population (construction)
  - Implement mitigation measures as proposed for the Labour Market, Housing and Community Infrastructure and Services VCs (Volume 3 Section 17, Volume 4 Section 29, and Volume 4 Section 30). If implemented with Aboriginal organizations and First Nations communities, these measures will eliminate the adverse effect of certain population and demographic changes from the Project. (construction)
  - Support Aboriginal persons in maintaining permanent residence in home communities by providing camp housing and commuter support where demand warrants. (construction)
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- Implement workforce management policies to require contractors to offer cross-cultural awareness training to their workers and to adopt and monitor codes of conduct. BC Hydro will work with local area First Nations to develop and deliver the cross-cultural awareness training. (construction)
- Procurement of local Aboriginal businesses for Project construction contracts where feasible. (construction)

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#### **Housing**

- Scale camp capacity up or down as required to accommodate direct workers. Two smaller camps may be used in off-site locations depending on short-term housing market conditions in the local area at the time of construction, while the south bank camp would be designed to be easily expanded to accommodate potentially higher annual direct workforce during construction. (construction)
- Provide logistical assistance to the Project workforce seeking local accommodation, through a community camp co-ordinator. (construction)
- Expand the supply of rental housing by building at least 40 rental units in partnership with BC Housing for use by Project workforce during construction. Transition the units to permanent affordable housing use after construction (in partnership with BC Housing). (construction)
- Build up to 10 new affordable housing units to be used by the community in the Fort St. John area, in partnership with BC Housing, to expand the supply of affordable housing. (construction)
- Expand the supply of temporary accommodation by expanding the supply of long-stay RV sites in partnership with the private sector or local governments. (construction)
- Pre-book hotel and motel space when substantial temporary hotel accommodations are required when feasible. (construction)
- Provide financial support to emergency or transitional housing providers in the City of Fort St. John (e.g., Salvation Army), to support for people who require transitional or emergency housing, or who need help to become job-ready and able to participate in market housing (construction)
- Mitigation measures listed above will address adverse effects on Aboriginal renters in the City of Fort St. John as well as on its non-Aboriginal renters. It is proposed that BC Hydro work with First Nation communities in the LAA to track net migration to on-reserve housing and, using the results of the monitoring of rental market conditions in the City of Fort St. John, identify if additional housing related mitigation may be needed. (construction)

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#### **Community Infrastructure and Services**

- On-site accommodation and services will be provided for the direct construction workforce. Services required for dam-site accommodations and for the overall construction areas will be provided through a combination of on-site development and private procurement. For example, for worker camp accommodation, on-

site water and sewer services will be developed, site electricity will be provided by BC Hydro, and site telecommunications services will be procured by or provided by BC Hydro. Firefighting and emergency services will be provided as on-site activities and augmented as necessary by private services. On-site recreation, safety and medical transport, and health services will be provided at the Project site, including at the worker camp accommodations, and would be augmented by provincial health services (e.g., hospital care and, for B.C. residents, the use of Medical Services Plan) or by local government providers, where agreements are reached.

(construction)

- Work with Northern Health to plan for appropriate health care services for Project workforce, including camp residents; on-site health care for all workers residing in camps would include a combination of (construction):
  - Physician care
  - On-site nurse or nurse practitioner care
  - Coordination on program delivery (i.e., Employee Assistance Program, men's health programs)
- Provide Northern Health with actual workforce and camp population statistics to help plan for service levels (construction)
- Support Northern Health and partner agencies in planning for anticipated changes in resident population by communicating workforce schedules, in-community population forecasts, housing plans, and on-site medical and social services (construction)
- Support Northern Health initiatives as they develop approaches for delivery of health services for camp workers (construction)
- Provide new families with local information package about health, education, and social services. (construction)
- Provide on-site emergency services to minimize the need for community-based services (construction):
  - Security services that support compliance and enforcement of all camp and construction policies relating to the terms of employment
  - Firefighting services for all project construction activities and work sites
  - First aid and medical transport for medical emergencies at the on-site accommodations and work sites
- Implement policies on safe living and work environment (construction)
- Implement Traffic Management Plan (construction)
- Work with local fire departments to identify incremental demands on emergency rescue services, and provide funding to local governments for accident coverage during Project construction. (construction)

- Work with RCMP to identify incremental demands on policing services, and provide direct funding to detachments in the LAA to cover identified increases during Project construction. (construction)
- Develop emergency service provide site access protocols to enable safe site access during construction and operations. (construction)
- Work with emergency service providers to plan for and adjust to anticipated changes in resident population and new service demands by communicating workforce schedules, in-community population forecasts, housing plans, and on-site emergency services. (construction)
- Develop and update Project emergency plans, including integration with existing BC Hydro Peace River generating facilities during Project construction. (construction)
- Communicate project management plans and activities to emergency service providers. (construction)
- Work with School Districts 59 and 60 to plan for and adjust to anticipated changes in resident population and potential new enrolments by communicating in-community population forecasts. (construction)
- Work with School Districts and Northern Lights College to identify the number of foreign worker hires and the potential need for in-community education services to match their skills to Project requirements. (construction)
- Communicate with School Districts and post-secondary institutions about expected deficits in the local labour pool and how education providers can tailor high school and post-secondary apprenticeship programs to help meet those needs. (construction)
- Continue to participate in and support northern training initiatives, including participation in Northern Opportunities and financial support to Northern Lights College Foundation, for funding student bursaries. (construction)
- Provide recreation facilities and programming at the camps for workforce. (construction)
- Work with City of Fort St. John to resolve local concerns about potential use of community recreation or leisure facilities by Project workforce (construction)
- Develop and implement construction Waste Management Plan that integrates waste reduction, recycling and reuse standard practice, and management of industrial waste, in coordination with the PRRD municipal waste management plan. (construction)
- Evaluate options to integrate sewer and water systems required for the workforce camps to provide lasting benefits to the City of Fort St. John system. Otherwise camps will operate on self-sufficient systems that will not affect municipal systems. (construction)
- Work with local governments to plan for and adjust to anticipated

changes in resident population by communicating workforce schedules, in-community population forecasts, and housing plans. (construction)

- Provide funds for the relocation or replacement of Hudson's Hope water intake, pumping station, and treatment plant to meet the reasonable water supply needs of the residents and District of Hudson's Hope (construction)
- Work with each local government to develop an approach to determine or monitor the effects of the Project on the Hudson's Hope sewage lagoon, Fort St. John water supply (production and access), Taylor water supply, and Peace River Regional District's Charlie Lake outfall. BC Hydro would fund appropriate mitigation measures to maintain functionality of these municipal systems if adverse effects from the Project are identified. (construction/operations)
- Mitigation measures identified for Community Infrastructure and Services have general applicability in the LAA, and will therefore also avoid adverse effects on Aboriginal people living in Fort St. John and other urban centres that will see a rise in population related to the Project. (construction)

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## Transportation

### Highway 29 North

- Implement Traffic Management Plan to include Traffic Control Plans, Public Information Plans, Incident Plans, and Implementation Plans. (construction)
- Realign sections of Highway 29 that would be inundated by the reservoir between Hudson's Hope and Bear Flat, incorporating geometric and cross-section improvements. (construction)
- On Canyon Drive west of Hudson's Hope, construct a paved brake check before the start of the 10% grade, and make it a mandatory requirement for Project-related trucks to stop and check vehicle brakes. (construction)
- Explore opportunities for constructing, and install if feasible, either arrestor beds or runaway lanes, or both, on Canyon Drive above Hudson's Hope. (construction)

### Highway 29 South

- Provide shuttle service between Chetwynd and dam site, based on demand. Work with District of Chetwynd to identify suitable parking locations for workers using shuttles. (construction)

### Jackfish Lake Road

- Provide a shuttle service between Chetwynd and the Project site, based on demand (construction)
  - Equip Project vehicles travelling on Project access road with radios. (construction)
  - Control access to Project access road at north end of Jackfish Lake Road. (construction)
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- Strengthen road base and hard-surface 31 km of Jackfish Lake Road, widening where required. (construction)
- Examine the feasibility of widening the shoulders along the first 30 km of Jackfish Lake Road to meet current MoTI rural collector standards, potentially including two 1.5 m wide paved shoulders. (construction)

#### North Bank Minor Roads

- Provide carpool programs, such as preferred parking, for regional workforce commuters, to reduce the number of private vehicles commuting to site (construction)
- Use conveyor belt for transport of materials from 85th Avenue Industrial Lands to dam site. (construction)
- Hard-surface 240 Road and the portion of 269 Road south of the intersection with 240 Road. (construction)
- Realign a portion of Old Fort Road south of 240 Road.
- Potentially widen shoulders or add a path on Old Fort Road between Highway 97 and the realigned segment, and between the end of the realigned segment and the gravel pit entrance at km 5.5. (construction)
- Widen shoulders or add a path on 271 Road between the Wuthrich Quarry and Highway 97. (construction)
- Conduct intersection lighting calculations to determine if illumination is warranted and then, in collaboration with MoTI, consider installing intersection lighting. (construction)

#### Taylor Bridge and Approaches

- Monitor Taylor Bridge and low-lying approaches for changes in fog hours and density during the early years of Project operations. If required, implement mitigation measures to reduce driver speed, minimize fog-related collisions and maintain overall road safety by considering the following (construction/operations):
    - Illumination on, and on the approaches to, the Taylor Bridge
    - Changeable message signs that are visible in dense fog
    - Radio broadcasts and other forms of public communication
-