

SCHEDULE B

TABLE OF CONDITIONS

Interpretation

In this Schedule:

- (a) The phrase “to the satisfaction of” means, where it is used in relation to a document, the Environmental Assessment Certificate Holder (EAC Holder) must provide a document, or any amendment to the document, to the reviewing entity referenced in the condition. That entity may: reject the document, or amendment, and require the EAC Holder to re-submit it; or require the EAC Holder to make changes to the document, or the amendment. If no such requirement is communicated to the EAC Holder by the entity, the EAC Holder need not obtain further approval of the document although future revisions may be required by the entity to address potential adverse effects.
- (b) Columns 3 to 5 (Timing, Application Section/Supporting Documents), in the table below are for convenience of reference only, and do not form a part of the set of EAC conditions.

Definitions

Aboriginal Groups

the following First Nations which are in closest proximity to the Project Activity Zone and maybe affected by the Project:

- Blueberry River First Nations
- Dene Tha’ First Nation
- Doig River First Nation
- Duncans First Nation
- Fort Nelson First Nation
- Halfway River First Nation
- Horse Lake First Nation
- McLeod Lake Indian Band
- Prophet River First Nation
- Saulteau First Nations
- West Moberly First Nations

Best Management Practices or Best Practices

for the purposes of this Environmental Assessment Certificate (EAC) are those technologically and economically feasible practices, that are understood by government agencies and relevant qualified

	environmental professionals and respective associations, in effect at the time a project-related activity is undertaken, to avoid or reduce adverse effects.
Construction	vegetation clearing, earthworks, building, installing, replacing, repairing, altering, maintaining or removing works that modifies the land, vegetation and/or natural environment, related to the building of new Project components and upgrades to existing infrastructure.
Construction Activities	specific programs of construction undertaken during the Project construction phase, for which development of applicable plans are required in accordance with the Construction Environmental Management Plan
Days	calendar days
EAC Holder	party or parties identified in the EA Certificate including any successor to the original EA Certificate
EPC Contractor	Engineering, Procurement and Construction Contractor who is a single contractor hired by the EAC Holder.
Independent Environmental Monitor	a person with professional qualifications, demonstrated experience and knowledge of environmental monitoring for construction projects in BC, including experience working in a third party role. An IEM monitors the environmental impacts of a project and reports the findings to government. For this project, the IEM must be retained by the EAC Holder at least one month prior to construction and throughout the construction phase. The IEM must be approved of by EAO.
Operation	commercial operation date for the Project, when electricity will be commercially generated from the Project, and excludes facility testing and lasting for the duration of up to 100 years.
Pre-construction or Prior to Construction	time period during which detailed design, procurement and pre-construction permitting are undertaken.
Project Activity Zone	area within which the Project components will be found or will occur, but not including existing transportation infrastructure that will be used without modification to transport materials or personnel required for the Project.
Project Footprint	maximum physical area disturbed by the Project during any phase.
Qualified Environmental Professional	applied scientist or technologist who specializes in a relevant applied science or technology including, but not limited to: agronomy, forestry, biology, engineering, geomorphology, geology, hydrology, hydrogeology or landscape architecture. A qualified professional must be a member in good standing registered with the

appropriate professional organization in British Columbia, and acting under that association's Code of Ethics and subject to disciplinary action by that association. He or she must also be someone who, through demonstrated suitable education, experience, accreditation and knowledge relevant to the particular matter, may be reasonably relied on to provide advice within his or her area of expertise.

Rare Plant Botanist

botanist with field identification of common and rare flora, rare plant ecology, habitat preferences and autecology with proven experience, preferably in the Peace region of BC, in on-site management of rare plant populations.

Acronyms

BMP	Best Management Practices
EAC	Environmental Assessment Certificate
EAO	BC Environmental Assessment Office
FLNR	BC Ministry of Forests, Lands and Natural Resource Operations
GHG	Greenhouse Gas
IEM	Independent Environmental Monitor
MOE	BC Ministry of Environment
MOTI	BC Ministry of Transportation and Infrastructure
QEP	Qualified Environmental Professional
RAA	Regional Assessment Area

No	Condition	Timing	Application Section or Supporting Documents
AQUATIC ENVIRONMENT			
Hydrology			
1	<p>The EAC Holder must address potential risks to infrastructure downstream of the Site C dam as far as Peace River, Alberta caused by low flows, caused by the Project, during reservoir filling and operation by implementing the following measures:</p> <ul style="list-style-type: none"> • The Holder must maintain a minimum release of 390 cubic metres per second from the Site C dam • The Holder must estimate downstream flows at minimum, average and maximum rates of reservoir filling in order to identify the approach that would minimize impacts on downstream flows and water level conditions. • The Holder must work with the Government of Alberta to jointly develop an Adaptive Management Plan to manage potential risks to infrastructure downstream of the Site C dam to the Town of Peace River, Alberta caused by low water flows during reservoir filling and operation of the Project. For the purposes of the Plan infrastructure must include water intakes, ferry crossings and any other activities identified by the Proponent and the Government of Alberta. The Plan must include at least the following: <ul style="list-style-type: none"> ○ Provisions for assessing potential risks to infrastructure caused by low water flows as a result of the Project; ○ Provisions for obtaining baseline and operational flow information; ○ Provisions for obtaining information on any current impacts to infrastructure attributable to low water flows caused by the Project; ○ Identification of any impacts to infrastructure attributable to low water flows caused by the Project; and ○ Mitigation measures such as additional flow regulation, adjustment to Alberta infrastructure and notifying the Government of Alberta of prolonged low water flow conditions, necessary to avoid or minimize impacts attributable to low water flows caused by the Project. <p>The EAC Holder must submit the plan to EAO a minimum of 30 days prior to reservoir filling. The EAC Holder must implement the Plan and report on the results annually to EAO commencing from reservoir filling to the end of year 5 of operations.</p>	Construction Operations	<p>EIS Volume 4, Section 30 Volume 2, Appendices D, G, I</p> <p>Panel Report Sections 3.1</p>
Fluvial Geomorphology and Sediment Transport			
2	<p>The EAC Holder must manage adverse Project effects on water quality by managing erosion and sediment transport, as detailed in an Erosion Prevention and Sediment Control Plan. The Erosion Prevention and Sediment Control Plan must be developed by a Qualified Environmental Professional (QEP).</p> <p>The Plan must identify areas of high erosion and sediment potential. The Erosion Prevention and Sediment Control Plan must include at least the following:</p>	Pre-Construction Construction	<p>EIS Volume 2, Sections 11.5, 11.8 Volume 2, Appendix I Volume 5, Section 35.2</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Manage water (e.g. rainfall, snowmelt,) to control runoff and direct it away from work areas where excavation, spoil placement, and staging activities occur. • Adjust the timing of construction activities to coincide with periods of high background sediment levels. • Use clean rock materials for riprap construction. • Manage equipment production rates during construction to reduce sediment generation. • Identify and isolate work areas to prevent sediment from entering the downstream environment. • Leave stumps in place to reduce soil disturbance, erosion and sediment transport in the headpond during reservoir clearing to reduce soil disturbance and potential sedimentation issues. • Manage vegetation and soil stripping, taking into consideration proximity to sensitive habitats as determined by a QEP (e.g. wetlands) and slope stability. • Salvage and stockpile clean surface soils for site restoration. • Establish vegetative cover on the soils stockpiled to prevent erosion. • Develop construction schedules such that reservoir clearing in the winter is maximized. • Isolate in-stream work areas from flowing water except as permitted by the on-site environmental monitor. <p>The EAC Holder must provide this draft Erosion Prevention and Sediment Control Plan to BC Ministry of Forests, Lands and Natural Resource Operations (FLNR), BC Ministry of Environment (MOE), Aboriginal Groups, Peace River Regional District, City of Fort St. John, and District of Hudson’s Hope for review a minimum of 90 days prior to commencement of construction activities.</p> <p>The EAC Holder must file the final Erosion Prevention and Sediment Control Plan with EAO, FLNR, MOE, Aboriginal Groups, Peace River Regional District, City of Fort St. John and District of Hudson’s Hope a minimum of 30 days prior to commencement of construction activities.</p> <p>The EAC Holder must develop, implement and adhere to the final Erosion Prevention and Sediment Control Plan, and any amendments to the final Erosion Prevention and Sediment Control Plan, to the satisfaction of Environmental Assessment Office (EAO).</p>		<p>Panel Report Sections 3.5, 11.2</p> <p>Post Panel Stage Consultation</p>
	Water Quality		
3	<p>To address potential environmental effects of acid generation and metal leaching from construction activities and reservoir creation, EAC Holder must develop a water quality monitoring program.</p> <p>The water quality monitoring program must include:</p> <ul style="list-style-type: none"> • Identification of water quality parameters to be monitored; • Identification of the geographic extent and duration of the monitoring; • Baseline sampling of parameters; 	Construction	<p>EIS Volume 2, Section 11.5 Volume 2, Appendix E Volume 2, Appendix B, Part 4 Volume 5 Section 35.2</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Monitoring of parameters; • Identification of potential mitigation measures if water quality impacts observed; and • Process for implementing mitigation measures to address water quality impacts. <p>The EAC Holder must provide this draft water quality monitoring program to Environment Canada, Natural Resources Canada, MOE, FLNR, Aboriginal Groups, Peace River Regional District and the City of Fort St. John for review a minimum of 90 days prior to commencement of construction.</p> <p>The EAC Holder must file the final water quality monitoring program with EAO, Environment Canada, Natural Resources Canada, MOE, FLNR, Aboriginal Groups, Peace River Regional District and City of Fort St. John a minimum of 30 days prior to commencement of construction.</p> <p>The EAC Holder must report on the results annually to the EAO every June 1.</p> <p>The final water quality monitoring program must be detailed in the Acid Rock Drainage and Metal Leachate Management Plan, and the EAC Holder must develop, implement and adhere to the final water quality monitoring program, and any amendments, to the satisfaction of EAO.</p>		<p>Panel Report Sections 3.5, 11.2</p> <p>Post Panel Stage Consultation</p>
FISH AND FISH HABITAT			
4	<p>The EAC Holder must manage harmful Project effects on fish and fish habitats during the construction and operation phases by implementing mitigation measures detailed in a Fisheries and Aquatic Habitat Management Plan. The Fisheries and Aquatic Habitat Management Plan must be developed by a QEP.</p> <p>The Fisheries and Aquatic Habitat Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Remove temporary structures as soon as they are no longer required. • Maintain a 15 m machine free zone adjacent to watercourses during reservoir clearing (as measured from the Ordinary High Water Mark) Maintain a 15 m machine free zone adjacent to watercourses during reservoir clearing (as measured from the Ordinary High Water Mark) except where worker safety prohibits manual tree falling and vegetation removal methods and as addressed in a site-specific prescription prepared and endorsed by a QEP. The rationale for the safety exemption must be documented in the prescription. • Place material relocation sites (R5a, R5b, and R6) 15 m back from the mainstem to avoid affecting Peace River fish habitat. • Contour mainstream bars to reduce potential for fish stranding, as advised by FLNR. • Incorporate fish habitat features into the final capping of material relocation sites upstream of the dam. • Contour and cap with gravels and cobble substrate the spoil area between elevations 455 m and 461 m to provide a productive fish habitat that will be available to fish during the operation phase. 	Pre-Construction Construction Operations	<p>EIS Volume 2, Section 12 Volume 2, Appendices O, P, Q Volume 5, Section 35.2</p> <p>Panel Report Section 4</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>reservoir, east of Lynx Creek.</p> <ul style="list-style-type: none"> • Construct the Hudson’s Hope shoreline protection with large material that will provide replacement fish habitat. Incorporate additional fish habitat features (e.g., shear zones and point bars) into the final design of the Hudson’s Hope shoreline protection. • Contour Highway 29 borrow sites prior to decommissioning to provide littoral fish habitat in the reservoir. • Cap material repositioning areas with gravel and cobble, and contour to enhance fish habitat conditions. • Plant a 15 m wide riparian area along the reservoir shoreline adjacent to BC Hydro-owned farmland where necessary to provide riparian habitat and bank stabilization except as approved by the onsite environmental monitor. • Increase wetted habitat by creating new wetted channels and restoring back channels on the south bank island downstream of the dam. • Enhance side channel complexes between the dam site and the confluence of the Peace and Pine rivers during low flows. • Manage reservoir fluctuation within a 1.8 m maximum normal operating range from the maximum operating level of 461.8 m. • If the reservoir deviates from the normal operating range, the EAC Holder must report the event in accordance with water licence requirements. • Develop a feasible strategy for the salvage and relocation of stranded fish in habitats that are at risk of dewatering. <p>The EAC Holder must manage construction footprints to reduce the harmful Project effects on fish and fish habitat, in accordance with the conditions of the applicable <i>Fisheries Act</i> authorization(s) and direction provided by FLNR.</p> <p>This draft Plan must be provided to FLNR, MOE and Aboriginal Groups for review a minimum of 90 days prior to commencement of construction.</p> <p>The EAC Holder must file the Final Plan with EAO, FLNR, MOE and Aboriginal Groups a minimum of 30 days prior to commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the Final Plan, and any amendments, to the satisfaction of EAO.</p>		
5	<p>EAC Holder must manage harmful Project effects on fish during reservoir filling, turbine commissioning and operations by developing and implementing mitigation measures detailed in operational procedures developed by a QEP to:</p>	Construction Operations	<p>EIS Volume 2, Sections 11.5, 12 Volume 2, Appendices</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Minimize levels of total dissolved oxygen gas in the tailwater; and, • Minimize levels of dissolved gas super-saturation <p>These operational procedures must be developed in consultation with FLNR and MOE prior to reservoir filling, and include monitoring activities.</p>		<p>O, P</p> <p>Panel Report Section 4</p>
6	<p>The EAC Holder must implement mitigation measures, as detailed in a Fish Passage Management Plan. The Fish Passage Management Plan must be developed by a QEP.</p> <p>The Fish Passage Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Establish a periodic capture data base/protocol/methodology for small-fish species to assess genetic exchange between upstream and downstream fish populations. Data must be provided annually to the relevant federal and provincial agencies. • Address genetic differences exceeding beyond a pre-defined threshold (to be determined through discussion with the agencies) by implementing a translocation program. • Design the installation and use of a trap and haul facility. <p>This draft Fish Passage Management Plan must be provided to FLNR, MOE and Aboriginal Groups for review a minimum of 90 days prior to Project activities that may impact upstream fish passage.</p> <p>The EAC Holder must file the final Fish Passage Management Plan with EAO, FLNR, MOE and Aboriginal Groups a minimum of 30 days prior to Project activities that may impact upstream fish passage.</p> <p>The EAC Holder must develop, implement and adhere to the final Fish Passage Management Plan, and any amendments, to the satisfaction of EAO.</p>	Construction Operations	<p>EIS Volume 2, Section 12 Volume 2, Appendix Q</p> <p>Panel Report Section 4</p>
7	<p>The EAC Holder must develop a Fisheries and Aquatic Habitat Monitoring and Follow-up Program to assess the effectiveness of measures to mitigate Project effects on healthy fish populations in the Peace River and tributaries, and, if recommended by a QEP or FLNR, to assess the need to adjust those measures to adequately mitigate the Project's effects. The Fisheries and Aquatic Habitat Monitoring and Follow-up Program must be developed by a QEP.</p> <p>The Program must include monitoring during construction for at least the following:</p> <ul style="list-style-type: none"> • Effectiveness of standard mitigation measures for reducing sedimentation and fish stranding in the construction headpond and proximal reach of the river downstream of the dam. • Accuracy of predictions about physical changes to habitat in the reservoir area during the development and operation of the construction headpond during the diversion stage of the Project. 	Construction Operations	<p>EIS Volume 2, Section 12 Volume 2, Appendices O, P, Q</p> <p>Panel Report Section 4</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Documenting, at an appropriate scale, spatial and temporal changes occurring in physical environmental conditions resulting from headpond hydrology, and in localized areas in relation to the effects of construction activities and mitigation procedures. • Effectiveness of mitigation measures for management of predicted effects of sediment and fish stranding, and provide information required to adjust the mitigation program to reduce unforeseen adverse effects, as required. • Total dissolved gas. • Fish habitat areas where periodic exposure of side channel and mainstream margins occurs as a result of water fluctuations. <p>The Fisheries and Aquatic Habitat Monitoring and Follow-up Program must include monitoring during operations for a period of twenty years for at least the following:</p> <ul style="list-style-type: none"> • Continued effectiveness of environmental protection measures undertaken during construction to mitigate effects on fish and fish habitat. • Total dissolved gas. • Meeting monitoring commitments as per the Fish Passage Management Plan. • Implement on-site monitoring of fish habitat areas in the side channel and mainstream margins, resulting from water fluctuations. • Fish and fish habitat productivity, for reservoir, reservoir tributaries, and for downstream Peace River. <p>The Fisheries and Aquatic Habitat Monitoring and Follow-up Program must outline a procedure for evaluating future mitigation and compensation options after reservoir development and follow-up monitoring, as well as procedures for how compensation options that are technically and economically feasible will be implemented.</p> <p>The Fisheries and Aquatic Habitat Monitoring and Follow-up Program reporting must occur at least annually during construction and operations beginning 180 days following commencement of construction and operations phases, or in accordance with the applicable <i>Fisheries Act</i> authorization(s).</p> <p>The EAC Holder must provide this draft Fisheries and Aquatic Habitat Monitoring and Follow-up Program to FLNR, MOE and Aboriginal Groups for review within 90 days following the commencement of the construction and operations phases.</p> <p>The EAC Holder must file the final Fisheries and Aquatic Habitat Monitoring and Follow-up Program with EAO, FLN, MOE and Aboriginal Groups within 150 days following the commencement of the construction and operations phases.</p>		

No	Condition	Timing	Application Section or Supporting Documents
	The EAC Holder must develop, implement and adhere to the final Fisheries and Aquatic Habitat Monitoring and Follow-up Program, and any amendments, to the satisfaction of EAO.		
	VEGETATION AND ECOLOGICAL COMMUNITIES		
8	<p>The EAC Holder must develop a Soil Management, Site Restoration, and Re-vegetation Plan to effectively manage disturbed soils, and to reclaim and revegetate disturbed construction areas to a safe and environmentally acceptable condition. The Soil Management, Site Restoration, and Re-vegetation Plan must be developed by a QEP.</p> <p>The Soil Management, Site Restoration, and Re-vegetation Plan must include at least the following:</p> <ul style="list-style-type: none"> • Soil storage and handling measures that will maximize native soil use in restoration efforts, and manage incidental introduction and spread of invasive species. • Manage run-off so that it is directed around soil stockpiles and areas where excavation, spoil placement, and staging activities occur. • Progressive closure and reclamation of any temporary disturbance. Disturbed sites are replanted within one year with ground cover, shrubs, or trees that are regionally appropriate once erosion concerns have been addressed. • Identify native seed mixes used for site restoration and revegetation purposes. • Identify traditional use plants for revegetation purposes, in consultation with Aboriginal Groups. <p>The EAC Holder must provide this draft Plan to FLNR, MOE, Aboriginal Groups, Peace River Regional District, City of Fort St. John and the District of Hudson’s Hope for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Soil Management, Site Restoration, and Re-vegetation Plan with EAO, FLNR, MOE, Aboriginal Groups, Peace River Regional District, City of Fort St. John and the District of Hudson’s Hope a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Soil Management, Site Restoration, and Re-vegetation Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 2, Appendix B Volume 5, Section 35.2</p> <p>Panel Report Section 5</p> <p>Post Panel Stage Consultation</p>
9	<p>The EAC Holder must develop a Vegetation and Invasive Plant Management Plan to protect ecosystems, plant habitats, plant communities, and vegetation with components applicable to the construction phase.</p> <p>The Vegetation and Invasive Plant Management Plan must be developed by a QEP.</p> <p>The Vegetation and Invasive Plant Management Plan must include at least the following:</p> <p>Invasive Species</p>	Pre-Construction Construction	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 5, Sections 35.2, 35.3</p> <p>Panel Report</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Surveys of existing invasive species populations prior to construction. • Invasive plant control measures to manage established invasive species populations and to prevent invasive species establishment. <p>Rare Plants and Sensitive Ecosystems</p> <ul style="list-style-type: none"> • The EAC Holder must expand its modelling, including completing field work, to improve identification of rare and sensitive plant communities and aid in delineation of habitats that may require extra care, 90 days prior to any Project activities that may affect these rare or sensitive plant communities • The EAC Holder must, with the use of a QEP, complete an inventory in areas not already surveyed and use rare plant location information as inputs to final design of access roads and transmission lines. These pre-construction surveys must target rare plants as defined in Section 13.2.2 of the EIS—including vascular plants, mosses, and lichens. • The EAC Holder must create and maintain a spatial database of known rare plant occurrences in the vicinity of Project components that must be searched to avoid effects to rare plants during construction activities. The database must be updated as new information becomes available and any findings of new rare plant species occurrences must be submitted to Environment Canada and MOE using provincial data collection standards. • The EAC Holder must implement construction methods to reduce the impact to rare plants, maximize use of existing access corridors, and construct transmission towers and temporary roads away from wetlands and known rare plant occurrences. • Protect known occurrences of Tufa seeps, wetlands and rare plants located adjacent to construction areas. Install signage and flagging where necessary, as determined by the QEP, to indicate the boundaries of the exclusion area. • The EAC Holder will engage the services of a Rare Plant Botanist during construction to design and implement an experimental rare plant translocation program in consultation with MOE using the BC MOE’s Guidelines for Translocation of Plant Species at Risk in BC (Maslovat, 2009). <p>The EAC Holder must provide this draft Vegetation and Invasive Plant Management Plan to Environment Canada, FLNR, MOE, and Aboriginal Groups for review a minimum of 90 days prior to construction and operation phases.</p> <p>The EAC Holder must file the final Vegetation and Invasive Plant Management Plan with EAO, Environment Canada, FLNR, MOE, and Aboriginal Groups, a minimum of 30 days prior to construction and operation phases.</p> <p>The EAC Holder must develop, implement and adhere to the final Vegetation and Invasive Plant Management Plan, and any amendments, to the satisfaction of EAO.</p>		Section 5

No	Condition	Timing	Application Section or Supporting Documents
10	<p>The EAC Holder must fund or undertake directly with the use of a Rare Plant Botanist the following, during construction:</p> <ul style="list-style-type: none"> Targeted surveys in the RAA (as defined in the amended EIS) to identify occurrences of the 18 directly affected rare plant species (as defined in the amended EIS), and rare plant species identified by the MOEs Conservation Framework requiring additional inventories. A study focused on clarifying the taxonomy of Ochroleucus bladderwort (<i>Utricularia ochroleuca</i>), including field, herbaria, and genetic work in consultation with FLNR and the MOE (BC Conservation Data Centre). <p>The EAC Holder must provide FLNR and MOE (BC Conservation Data Centre) with the findings and analysis of results from the surveys and taxonomic study.</p>	Construction	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 5, Sections 35.2, 35.3</p> <p>Panel Report Section 5</p>
11	<p>EAC Holder must compensate for the loss of rare and sensitive habitats and protect occurrences of rare plants by developing, or funding the development and implementation of a compensation program, during construction, that includes:</p> <ul style="list-style-type: none"> Assistance (financial or in-kind) to the managing organization of suitable habitat enhancement projects in the RAA (RAA as defined in the amended EIS). Direct purchase of lands in the RAA and manage these lands and suitable existing properties owned by the EAC Holder to enhance or retain rare plant values where opportunities exist. <p>The EAC Holder must engage with FLNR, MOE and Aboriginal Groups with regard to the development of the compensation program.</p>	Construction	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 5, Sections 35.2, 35.3</p> <p>Panel Report Section 5</p>
12	<p>The EAC Holder must develop a Wetland Mitigation and Compensation Plan. The Wetland Mitigation and Compensation Plan must include an assessment of wetland function lost as a result of the Project that is important to migratory birds and species at risk (wildlife and plants). The Wetland Mitigation and Compensation Plan must be developed by a QEP with experience in wetland enhancement, maintenance and development.</p> <p>The Wetland Mitigation and Compensation Plan must include at least the following:</p> <ul style="list-style-type: none"> Information on location, size and type of wetlands affected by the Project; If roads cannot avoid wetlands, culverts will be installed under access roads to maintain hydrological balance, and sedimentation barriers will be installed; Stormwater management will be designed to control runoff and direct it away from work areas where excavation, spoil placement, and staging activities occur. Develop, with the assistance of a hydrologist, site-specific measures prior to construction to reduce changes to the existing hydrologic balance and wetland function during construction of the Jackfish Lake Road and Project access roads and transmission line. 	Construction Operations	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1</p> <p>Panel Report Section 5</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • All activities that involve potentially harmful or toxic substances, such as oil, fuel, antifreeze, and concrete, must follow approved work practices and consider the provincial BMP guidebook Develop with Care (BC Ministry of Environment 2012 or as amended from time to time). • A defined mitigation hierarchy that prioritizes mitigation actions to be undertaken, including but not limited to: <ul style="list-style-type: none"> ○ Avoid direct effects where feasible; ○ Minimize direct effects where avoidance is not feasible; ○ Maintain or improve hydrology where avoidance is not feasible; ○ Replace like for like where wetlands will be lost, in terms of functions and compensation in terms of area; ○ Improve the function of existing wetland habitats; and ○ Create new wetland habitat <p>The EAC Holder must monitor construction and operation activities that could cause changes in wetland functions.</p> <p>The EAC Holder must provide this draft Wetland Mitigation and Compensation Plan to Environment Canada, FLNR, MOE, Aboriginal Groups, Peace River Regional District and District of Hudson’s Hope for review a minimum of 90 days prior to any activity affecting the wetlands.</p> <p>The EAC Holder must file the final Wetland Mitigation and Compensation Plan with EAO, Environment Canada, FLNR, MOE, Peace River Regional District, District of Hudson’s Hope and Aboriginal Groups, a minimum of 30 days prior to any activity affecting the wetlands.</p> <p>The EAC Holder must develop, implement and adhere to the final Wetland Mitigation and Compensation Plan, and any amendments, to the satisfaction of EAO.</p>		
13	<p>The EAC Holder must develop the Vegetation Clearing and Debris Management Plan. The Vegetation Clearing and Debris Management Plan must be developed by a QEP. The Vegetation Clearing and Debris Management Plan must ensure that clearing would be conducted in the approved Project Activity Zone only, and construction would be monitored by the QEP to prevent any unnecessary clearing.</p> <p>Specific to the transmission line component of the Project:</p> <ul style="list-style-type: none"> • The EAC Holder must not grub the right of way with the exception of transmission tower foundation pads, temporary work spaces and access roads. • Where conductor clearance allows, the EAC Holder must not remove riparian vegetation along watercourses or waterbodies crossed by the transmission corridor. 	Pre-Construction Construction	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 5, Section 35.2</p> <p>Panel Report Section 5</p> <p>Post Panel Stage</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>To reduce erosion along steep or unstable slopes, the EAC Holder must apply best management practices for reservoir clearing along riparian areas and watercourses. Practices must include but not limited to the following:</p> <ul style="list-style-type: none"> Retention of all trees on steep, unstable slopes that would be highly susceptible to landslides if the vegetation was removed. Retention of non-merchantable trees and vegetation in riparian areas within a 15 m buffer from the Ordinary High Water Mark. Merchantable trees and vegetation that may protrude above 455 m elevation may still be removed using clearing practices to maintain a 15 m machine-free zone from the OHWM, except where worker safety prohibits manual tree falling and vegetation removal methods and as addressed in a site-specific prescription prepared and endorsed by a QEP. The rationale for the safety exemption must be documented in the prescription. <p>The EAC Holder must provide this draft Vegetation Clearing and Debris Management Plan to Environment Canada, FLNR, MOE, Aboriginal Groups, Peace River Regional District and District of Hudson’s Hope for review a minimum of 90 days prior to commencement of construction.</p> <p>The EAC Holder must file the final Vegetation Clearing and Debris Management Plan with EAO, Environment Canada, FLNR, MOE, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups, a minimum of 30 days prior to commencement of construction.</p>		<p>Consultation</p>
14	<p>The EAC Holder must develop a Vegetation and Ecological Communities Monitoring and Follow-up Program for the construction phase and first 10 years of the operations phase. The Vegetation and Ecological Communities Monitoring and Follow-up Program must be developed by a QEP.</p> <p>The Vegetation and Ecological Communities Monitoring and Follow-up Program must include at least the following:</p> <ul style="list-style-type: none"> Definition of the study design for the rare plant translocation program (see condition 9). Plan for following-up monitoring of any translocation sites to assess the survival and health of translocated rare plant species, under the supervision of a Rare Plant Botanist. Measurement criteria, including vegetation growth, persistence of rare plants and establishment / spread of invasive plant species, and associated monitoring to document the effectiveness of habitat enhancement and possible compensation programs. <p>The Vegetation and Ecological Communities Monitoring and Follow-up Program reporting must occur annually during construction and the first 10 years of operations, beginning 180 days following commencement of construction.</p>	Construction Operations	<p>EIS Volume 2, Section 13 Volume 2, Appendix R, Part 1 Volume 5, Section 35.2, 35.3</p> <p>Panel Report Section 5</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must provide this draft Vegetation and Ecological Communities Monitoring and Follow-up Program to Environment Canada, FLNR, MOE, Peace River Regional District, City of Fort St. John and Aboriginal Groups for review within 90 days after the commencement of construction.</p> <p>The EAC Holder must file the final Vegetation and Ecological Communities Monitoring and Follow-up Program with EAO, Environment Canada, FLNR, MOE, Peace River Regional District, City of Fort St. John, and Aboriginal Groups, within 150 days after commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Vegetation and Ecological Communities Monitoring and Follow-up Program, and any amendments, to the satisfaction of EAO.</p>		
WILDLIFE RESOURCES			
15	<p>The EAC Holder must develop a Wildlife Management Plan. The Wildlife Management Plan must be developed by a QEP.</p> <p>The Wildlife Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Field work, conducted by a QEP, to verify the modelled results for surveyed species at risk and determine, with specificity and by ecosystem, the habitat lost or fragmented for those species. The EAC Holder must use these resulting data to inform final Project design and to develop additional mitigation measures, as needed, as part of the Wildlife Management Plan, in consultation with Environment Canada and FLNR. • Measures to avoid, if feasible, constructing in sensitive wildlife habitats. If avoiding sensitive wildlife habitats is not feasible, condition 16 applies. • If sensitive habitats, such as wetlands, are located immediately adjacent to any work site, buffer zones must be established by a QEP to avoid direct disturbance to these sites. • Protocol for the application of construction methods, equipment, material and timing of activities to mitigate adverse effects to wildlife and wildlife habitat. • Protocol to ensure that lighting is focused on work sites and away from surrounding areas to manage light pollution and disturbance to wildlife. If lighting cannot be directed away from surrounding areas, the EAC Holder must ensure additional mitigation measures are implemented to reduce light pollution, including light shielding. • A mandatory environmental training program for all workers so that they are informed that hunting in the vicinity of any work site/Project housing site is strictly prohibited for all workers. <p>The EAC Holder must ensure that all workers are familiar with the Wildlife Management Plan.</p> <p>The EAC Holder must submit this draft Wildlife Management Plan to Environment Canada, FLNR, MOE and</p>	Pre-Construction Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Wildlife Management Plan with EAO, Environment Canada, FLN, MOE and Aboriginal Groups, a minimum of 30 days prior to commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Wildlife Management Plan, and any amendments, to the satisfaction of EAO.</p>		
16	<p>If loss of sensitive wildlife habitat or important wildlife areas cannot be avoided through Project design or otherwise mitigated, the EAC Holder must implement the following measures, which must be described in the Vegetation and Wildlife Mitigation and Monitoring Plan.</p> <p>The Vegetation and Wildlife Mitigation and Monitoring Plan must include the following compensation measures:</p> <ul style="list-style-type: none"> • Compensation options for wetlands must include fish-free areas to manage the effects of fish predation on invertebrate and amphibian eggs and larvae and young birds. • Mitigation for the loss of snake hibernacula, artificial dens must be included during habitat compensation. • Management of EAC Holder-owned lands adjacent to the Peace River suitable as breeding habitat for Northern Harrier and Short-eared Owl. • Establishment of nest boxes for cavity-nesting waterfowl developed as part of wetland mitigation and compensation plan, and established within riparian vegetation zones established along the reservoir on BC Hydro-owned properties. • A design for bat roosting habitat in HWY 29 bridges to BC Ministry of Transportation and Infrastructure (MOTI) for consideration into new bridge designs located within the Peace River valley. • Following rock extraction at Portage Mountain, creation of hibernating and roosting sites for bats. • Creation of natural or artificial piles of coarse woody debris dispersed throughout the disturbed landscape to maintain foraging areas and cold-weather rest sites, and arboreal resting sites, for the fisher population south of the Peace River. <p>The EAC Holder must provide this draft Vegetation and Wildlife Mitigation and Monitoring Plan to Environment Canada, FLNR, MOE, and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Vegetation and Wildlife Mitigation and Monitoring Plan with EAO, Environment Canada, FLNR MOE, and Aboriginal Groups, a minimum of 30 days prior to commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Vegetation and Wildlife Mitigation and</p>	Pre-Construction Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>

No	Condition	Timing	Application Section or Supporting Documents
	Monitoring Plan, and any amendments, to the satisfaction of EAO.		
17	<p>As part of the Vegetation Clearing and Debris Management Plan, if the EAC Holder must conduct clearing activities during these specified critical time periods:</p> <ul style="list-style-type: none"> • Songbirds: May 1 through July 31; • Trumpeter swan, raptors and owls: April 1 through July 31; and • Sharp-tailed grouse: mid-April and mid-July (lek to nesting to hatching). <p>The EAC Holder must first develop and implement a nest and lek search protocol, in consultation with the FLNR and MOE. The EAC Holder must provide FLNR and MOE with all known nest and lek locations. The EAC Holder must flag these sites and require employees and contractors to avoid these sites.</p> <p>The nest and lek search protocol must include specifications for buffers around active nest sites and flagging, as required by FLNR.</p>	Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>
18	<p>The EAC Holder must avoid human-wildlife conflicts during the construction phase by implementing measures detailed in a Human-Wildlife Conflict Management Plan.</p> <p>The Human-Wildlife Conflict Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Prior to the commencement of work, the EAC Holder must ensure that all crews have participated in Bear Aware or a similar training program. • Prohibit feeding of wildlife at work sites. • Ensure that all construction areas and worker housing sites are kept clean and free of discarded anthropogenic food sources, with garbage securely stored in verified bear-proof containers or removed from site. • Prohibit work crews from hunting while on any work sites, Project built roads and worker housing sites. • Prohibit work crews from cleaning game at construction sites, Project built roads and worker housing sites. • Measures to minimize road mortality, including posted speed limits, provision of alternative transportation options including, for example, carpooling, • Procedures for reporting dangerous human-wildlife incidents and incidents of wildlife mortality. • Prompt notification to the appropriate authorities of incidences of roadkill, or, in the event a wildlife act permit to manage road kill is obtained by the EAC Holder, the EAC Holder must implement management measures as per permit requirements. • Review of effectiveness of measures to manage dangerous human-wildlife interactions. <p>The EAC Holder must provide the draft Human-Wildlife Conflict Management Plan to the MOE Conservation Officer Service for review a minimum of 90 days prior to the commencement of construction.</p>	Pre-Construction Construction	<p>EIS Volume 5, Section 35.2, 35.3</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must file the final Human-Wildlife Conflict Management Plan with EAO and the MOE Conservation Officer Service a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Human-Wildlife Conflict Management Plan, and any amendments, to the satisfaction of EAO.</p>		
19	<p>The EAC Holder must use reasonable efforts to avoid and reduce injury and mortality to amphibians and snakes on roads adjacent to wetlands and other areas where amphibians or snakes are known to migrate across roads including locations with structures designed for wildlife passage</p> <p>The EAC Holder must consult with Environment Canada, FLNR and MOE with regard to the size and number of the proposed structures prior to construction.</p>	Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>
20	<p>The EAC Holder must use reasonable efforts to minimize disturbance to wildlife during the construction phase by scheduling construction activities in accordance with the Construction Environmental Management Plan.</p>	Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>
21	<p>The EAC Holder must ensure that measures implemented to manage harmful Project effects on wildlife resources are effective by implementing monitoring measures detailed in a Vegetation and Wildlife Mitigation and Monitoring Plan. The Vegetation and Wildlife Mitigation and Monitoring Plan must be developed by a QEP.</p> <p>The Vegetation and Wildlife Mitigation and Monitoring Plan must include at least the following:</p> <ul style="list-style-type: none"> • Monitor Bald Eagle nesting populations adjacent to the reservoir, including their use of artificial nest structures. • Monitor waterfowl and shorebird populations and their use of natural wetlands, created wetlands, and artificial wetland features. • Monitor amphibian use of migration crossing structures installed along Project roads. • Survey songbird and ground-nesting raptor populations during construction and operations. • Survey the distribution of western toad and garter snake populations downstream of the Site C dam to the Pine River. 	Construction Operations	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7</p> <p>Panel Report Section 6</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> Require annual reporting during the construction phase and during the first 10 years of operations to EAO, beginning 180 days following commencement of construction. <p>The EAC Holder must provide this draft Vegetation and Wildlife Mitigation and Monitoring Plan to FLNR, MOE, Environment Canada and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Vegetation and Wildlife Mitigation and Monitoring Plan must with EAO, FLNR, MOE, Environment Canada and Aboriginal Groups a minimum 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Vegetation and Wildlife Mitigation and Monitoring Plan, and any amendments, to the satisfaction of EAO.</p>		
22	<p>The EAC Holder must implement measures that reduce the potential for new or increased public access via roads constructed for the Project, by using pre-existing routes where feasible, decommissioning temporary access roads as soon as practicable after use, and proposing to FLNR Project access roads that should be closed to the public in areas known to be important to Aboriginal groups. The EAC Holder must develop mitigation measures in collaboration with FLNR and the Saulteau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band.</p>	Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Sections 6, 7.3, 9.1</p> <p>Post Panel Stage Consultation</p>
23	<p>The EAC Holder must maintain current knowledge of Project effects on the status of listed species by tracking updates for species identified by the Province, the Committee on the Status of Endangered Wildlife in Canada, and the <i>Species at Risk Act</i>.</p> <p>Should the status of a listed species change for the worse during the course of the construction of the Project due to Project activities, the EAC Holder, must work with Environment Canada FLNR and MOE to determine if any changes to the associated management plans or monitoring programs are required to mitigate effects of the Project on affected listed species.</p>	Construction	<p>EIS Volume 2, Section 14 Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2</p> <p>Panel Report Section 6</p>
24	<p>The EAC Holder must identify suitable lands for ungulate winter range by the end of the first year of construction, on BC Hydro-owned lands, or Crown lands, in the vicinity of the Project in consultation with FLNR. If FLNR</p>	Construction	<p>EIS Volume 2, Section 14</p>

No	Condition	Timing	Application Section or Supporting Documents
	determines that identified winter range is required, the EAC Holder must identify and maintain suitable BC Hydro-owned lands for ungulate winter range to the satisfaction of FLNR and for the length of time determined by FLNR.		Volume 2, Appendix R, Parts 2-7 Volume 5, Section 35.2 Panel Report Section 6.4
	CURRENT USE OF LANDS AND RESOURCES FOR TRADITIONAL PURPOSES		
25	The EAC Holder must undertake a ground truthing program of traditional plants currently used by Aboriginal Groups in collaboration with Aboriginal Groups prior to construction. Where specific plants are known to be harvested by Aboriginal Groups, the EAC Holder must make reasonable efforts to consult interested Aboriginal Groups using the results of the ground truthing to inform the development and implementation of mitigation and compensation measures to accommodate adverse effects of the Project on plants traditionally used by Aboriginal Groups.	Pre-Construction Construction	EIS Volume 3, Section 19 Volume 3, Appendices B, F Volume 5, Appendix A Panel Report Section 7.4
26	<p>The EAC Holder must develop an Aboriginal Plant Use Mitigation Plan to describe how the effects of the Project on plants currently harvested by Aboriginal Groups will be mitigated, including through compensation measures.</p> <p>The Aboriginal Plant Use Mitigation Plan must include at least the following:</p> <ul style="list-style-type: none"> • Identify within the Project footprint including areas being reclaimed potential sites for relocation of medicinal and food plants; relocate when deemed necessary by a QEP. • Identify within the Project footprint including areas being reclaimed opportunities to restore ecological communities that support species of high traditional use value for affected Aboriginal Groups and undertake restoration of those ecological communities where deemed necessary by a QEP. • Identify opportunities and provide financial support for propagation of indigenous plant species for use in reclamation programs, such as that offered through the indigenous nursery owned by the West Moberly First Nation and Sauteau First Nation. The EAC Holder must make reasonable commercial efforts to obtain up to \$1 million in commercial service contracts with indigenous nurseries for provision of plants. <p>The EAC Holder must make reasonable efforts to develop the Aboriginal Plant Use Mitigation Plan in collaboration with FLNR and Aboriginal Groups, at least 90 days prior to Project activities that may affect traditional plants.</p> <p>The EAC Holder must file the final Aboriginal Plant Use Mitigation Plan with EAO, FLNR and Aboriginal Groups at least 30 days prior to Project activities that may affect traditional plants.</p>	Pre-Construction Construction	EIS Volume 3, Section 19 Volume 3, Appendices B, F Volume 5, Appendix A Panel Report Section 7.4

No	Condition	Timing	Application Section or Supporting Documents
	The EAC Holder must develop, implement and adhere to the final Aboriginal Plant Use Mitigation Plan, and any amendments, to the satisfaction of EAO.		
27	<p>In order to manage adverse effects on Aboriginal plant, fish and game harvesters during both the construction and operations phases of the Project, the EAC Holder must develop, as part of the Construction Communication Plan, a communications program (Program) for informing Aboriginal harvesters about construction activities that may affect their harvesting opportunities for plants, fish, and game, as well as access to those opportunities.</p> <p>The Program must also include information regarding how fish monitoring programs will be used to inform Aboriginal harvesters about changes in fish community composition during operations.</p> <p>The EAC Holder must make all reasonable efforts to develop the draft Program in collaboration with FLNR and Aboriginal Groups, at least 90 days prior to Project activities that may affect Aboriginal harvesting opportunities.</p> <p>The EAC Holder must file the final Program with EAO, FLNR and Aboriginal Groups at least 30 days prior to any activities that may affect Aboriginal harvesting opportunities.</p> <p>The EAC Holder must develop, implement and adhere to the final Program, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction Operations	<p>EIS Volume 3, Section 19 Volume 3, Appendices B, F Volume 5, Appendix A</p> <p>Panel Report Section 7</p>
28	<p>In order to mitigate the loss of use and access to structures used in Aboriginal traditional and current harvesting (e.g. cabins associated with tenured trap lines) as a result of Project reservoir flooding, the EAC Holder must make all reasonable efforts to consult with Aboriginal Groups and FLNR to identify the locations of such structures, including permanent, untenured structures.</p> <p>Where the loss of such structures are identified and confirmed through ground-truthing, the EAC Holder must make reasonable efforts to consult with Aboriginal groups and FLNR to establish measures to compensate for the loss of such structures prior to the loss of the structures.</p> <p>The EAC Holder must implement a process for the identification of, and compensation for untenured structures that are culturally important to Aboriginal Groups at least 30 days prior to the commencement of construction activities.</p>	Pre-Construction Construction	<p>EIS Volume 3, Section 19 Volume 3, Appendices C, F Volume 5, Appendix A,B</p> <p>Panel Report Section 7</p>
LAND AND RESOURCE USE			
Harvest of Fish and Wildlife Resources			
29	In order to appropriately manage effects on disruption of access to registered trapline holders and Guide Outfitters during construction, the EAC Holder must make reasonable efforts to conclude access agreements with these affected registered third parties, unless there are safety concerns involved.	Pre-Construction Construction	<p>EIS Volume 3, Section 24 Volume 3, Appendix C, Part 4</p>

No	Condition	Timing	Application Section or Supporting Documents
	Efforts undertaken by the EAC Holder to reach access agreements must be made to the satisfaction of EAO prior to the disruption of access to trapline holders and Guide Outfitters.		Panel Report Section 9.1
	Agriculture		
30	<p>In order to avoid or manage the effects of the project on agricultural land owners and tenure holders, the EAC Holder must develop an Agricultural Mitigation and Compensation Plan.</p> <p>The Agricultural Mitigation and Compensation Plan must be developed by a QEP.</p> <p>As part of Agricultural Mitigation and Compensation Plan development, the EAC Holder must evaluate effects on agricultural land owners and tenure holders, and develop mitigation and compensation measures consistent with industry compensation standards, to mitigate effects or compensate for losses.</p> <p>The Agricultural Mitigation and Compensation Plan must include at least the following:</p> <ul style="list-style-type: none"> • Inclusion of suitable land in the Agricultural Land Reserve in consultation with the Agriculture Land Commission. • When residual land parcels are to be sold, consolidate and/or connect residual agricultural parcels with adjacent agricultural land holdings, where practical and when owner(s) and BC Hydro agree. • Funding for mitigation actions for disruptions to agricultural land owners and tenure holders, including but not limited to the provision of alternative / replacement: <ul style="list-style-type: none"> ○ Livestock movement options and compensation for associated increased costs; ○ Infrastructure (irrigation and drainage improvements); ○ Water supplies; ○ Relocation of quality soil in selected locations; ○ Farm and field access; ○ Highway crossings; ○ Utility crossings; ○ Livestock watering and drainage works during construction, and restore original works after construction is completed; and ○ Fencing. • Minimize access to agricultural lands by construction workers and implement measures to minimize unauthorized public access. • For impacts that cannot be avoided, the plan will contain an approach for reimbursements that compensate for associated financial losses due to disruptions to agricultural land use. • In addition to the above bulleted measures in this condition, establishment of an agricultural compensation fund of \$20 million for use in the Peace Region or other areas of the province as necessary to compensate for lost 	Construction	EIS Volume 3, Section 20 Volume 3, Appendix D Panel Report Section 9.2 Post Panel Stage Consultation

No	Condition	Timing	Application Section or Supporting Documents
	<p>agricultural lands and activities, and an approach for establishing the governance and allocation of funds. The EAC Holder must work with the Ministry of Agriculture to establish a governance structure for the agriculture compensation fund that will ensure funds will be used to support enhancement projects that improve agricultural land, productivity or systems.</p> <p>The framework for the Agricultural Mitigation and Compensation Plan must be developed in consultation with the affected agricultural land owners and tenure holders, and the Ministry of Agriculture, and provided to Peace River Regional District and the District of Hudson’s Hope for review within 1 year after the commencement of construction.</p> <p>The EAC Holder must provide this draft Agricultural Mitigation and Compensation Plan to the affected agricultural land owners and tenure holders, Peace River Regional District, District of Hudson’s Hope, Ministry of Agriculture and FLNR for review within 18 months after the commencement of construction.</p> <p>The EAC Holder must file the final Agricultural Mitigation and Compensation Plan with EAO, Peace River Regional District, District of Hudson’s Hope the Ministry of Agriculture and FLNR within 2 years after the commencement of construction.</p> <p>The EAC Holder must develop, jointly with agricultural land owners and tenure holders, individual farm mitigation plans throughout the construction phase for all farms directly affected by the Project.</p> <p>The EAC Holder must develop, implement and adhere to the final Agricultural Mitigation and Compensation Plan, and any amendments, to the satisfaction of EAO.</p>		
31	<p>In addition to and separate from the compensation funding and mitigation funding the EAC Holder must fund and develop an Agriculture Monitoring and Follow-up Program for a 10 year period which includes the five years prior to reservoir filling and the first five years of operation.</p> <p>The Agriculture Monitoring and Follow-up Program must include at least the following:</p> <ul style="list-style-type: none"> • Monitoring for Project-induced changes in wildlife habitat utilization, and evaluation of associated crop or feed storage damage for, agricultural operations within 5 km of the reservoir, to assess if there is an increase in wildlife-related crop depredation due to Project-related habitat losses. Monitoring must include pre- and post-reservoir filling field surveys, wildlife monitoring, farm operator interviews, and analysis of relevant records related to wildlife-related crop depredation. • Monitoring for Project-induced changes to humidity within 3 km of the reservoir, and evaluate associated effects on crop drying within this area. Monitoring must include collection and analysis of climate data, calculation of crop drying indices, and farm operator interviews. 	Construction Operations	<p>EIS Volume 3, Section 20 Volume 3, Appendix D</p> <p>Panel Report Section 9.2</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Monitoring for Project-induced changes to groundwater elevations within 2 km of the reservoir (the area potentially influenced by groundwater elevation changes), and evaluate associated effects on crop productivity. Monitoring must include field surveys and farm operator interviews. • Monitoring for climatic factors to estimate moisture deficits and to estimate irrigation water requirements in the vicinity of the reservoir to provide information for potential future irrigation projects. Data collection will be undertaken before reservoir filling, and in the 5 years after reservoir filling, and data will be reviewed as required for proposed irrigation projects. <p>The Agriculture Monitoring and Follow-up Program reports must be provided annually during the monitoring and follow-up period to affected agricultural land owners and tenure holders, and Ministry of Agriculture. The results of the Agriculture Monitoring and Follow-up Program must inform the Farm Mitigation Plans.</p> <p>Reporting must begin 180 days after the commencement of the monitoring and follow-up program that is to begin 180 days after commencement of construction.</p> <p>The EAC Holder must provide this draft Agriculture Monitoring and Follow-up Program to the Ministry of Agriculture, Peace River Regional District and the District of Hudson’s Hope for review within 90 days after the commencement of construction.</p> <p>The EAC Holder must file the final Agriculture Monitoring and Follow-up Program with EAO, Ministry of Agriculture, Peace River Regional District and the District of Hudson’s Hope within 150 days of commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Agriculture Monitoring and Follow-up Program, and any amendments, to the satisfaction of EAO.</p>		
	Other Resource Industries		
32	<p>The EAC Holder must develop an Oil, Gas and Energy Monitoring and Follow-up Program. The Oil, Gas and Energy Monitoring and Follow-up Program must, at a minimum, monitor baseline conditions and effects of increased sedimentation on Spectra intakes, during construction, and effects of increased water temperature and sedimentation during operations, on Spectra cooling operations for a period of 10 years after the commencement of operations.</p> <p>Monitoring reports must be provided to Spectra Energy beginning 180 days following commencement of operations, and annually thereafter.</p> <p>The EAC Holder must provide this draft Oil, Gas and Energy Monitoring and Follow-up Program to Spectra</p>	Construction Operations	<p>EIS Volume 3, Section 22 Volume 3, Appendix C, Part 3</p> <p>Panel Report Section 9.3</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>Energy for review within 90 days after the commencement of operations.</p> <p>The EAC Holder must file the final Oil, Gas and Energy Monitoring and Follow-up Program with EAO and Spectra Energy within 150 days after the commencement of operations.</p> <p>The EAC Holder must develop, implement and adhere to the final Oil, Gas and Energy Monitoring and Follow-up Program, and any amendments, to the satisfaction of EAO.</p>		
33	<p>The EAC Holder must negotiate a Memorandum of Understanding (MOU) with the MOTI prior to material extraction at MOTI quarries or pits to compensate for material used by the Project and to maintain availability of regional aggregate resources for MOTI operational needs. The MOU must include:</p> <ul style="list-style-type: none"> • Aggregate source strategy to compensate for inundated Ministry aggregate sources, and • Strategy for the EAC Holder to stockpile surplus rock material at the West Pine, Wuthrich, and Portage Mountain quarries. <p>The EAC Holder commitments as outlined in the MOU must be implemented and adhered to, to the satisfaction of the MOTI.</p>	Construction	<p>EIS Volume 3, Section 23</p> <p>Panel Report Section 9.3</p>
34	<p>The EAC Holder must discuss any overlap with the Project activity zone and preliminary reservoir impact lines with affected mineral and aggregate tenure holders.</p> <p>Where conflicts exist, the EAC Holder must make reasonable efforts to enter into agreements with mineral and aggregate tenure holders, to the satisfaction of EAO, to resolve conflicts with mineral and aggregate tenure holders.</p> <p>Efforts made by the EAC Holder to enter into such agreements must be documented.</p>	Pre-Construction Construction	<p>EIS Volume 3, Section 23</p> <p>Panel Report Section 9.3</p>
TRANSPORTATION			
35	<p>The EAC Holder must develop a Traffic Management Plan to appropriately manage Project-related traffic in and around work sites during construction in a manner that protects wildlife, maximizes worker and public safety, and manages effects on productivity. The Traffic Management Plan must be developed by a QEP.</p> <p>The Traffic Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Maximize the use of existing access corridors. • Equip Project vehicles travelling on Project access roads with VHF/UHF communication radios. • Control and/or restrict access where required, and as discussed with MOTI. • Identify access roads to be decommissioned after Project use. • Public safety measures. 	Pre-Construction Construction	<p>EIS Volume 4, Section 31 Volume 4, Appendices A Part 7, ,B Volume 5, Section 35.2</p> <p>Panel Report Section 9.4</p> <p>Post Panel Stage</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Post speed limits on all construction access roads. • Work schedules, subject to safety considerations, to minimize delays and nuisance to the public caused by the realignment of Highway 29, particularly during peak visitor periods. • Inclusion of Traffic Control Plans, Public Information Plans, Incident Plans, and Implementation Plans. <p>The Traffic Management Plan must also establish measures for identifying and mitigating effects on local transportation infrastructure resulting from Project activities.</p> <p>The Traffic Management Plan must also include at least the following:</p> <ul style="list-style-type: none"> • Identification of all road modifications, realignments, and improvements on Highway 29 North, Highway 29 South, Jackfish Lake Road, and North Bank Minor Roads that are required to ensure access is maintained and service levels meet the appropriate MOTI standards. • Construction of a paved brake-check before the start of the 10% grade on Canyon Drive west of Hudson’s Hope and make it a mandatory requirement for Project-related trucks to stop and check vehicle brakes. • In consultation with MOTI, identify any additional measures that may be required for public safety (signage, signals, illumination, monitoring etc.) • Follow best management practices as outlined in Traffic Management Guidelines for Work on Roadways (BC Ministry of Transportation 2001 and as amended from time to time). <p>The EAC Holder must provide this draft Traffic Management Plan to MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope, District of Chetwynd and Saulteau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band for review 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Traffic Management Plan with EAO, MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope, Chetwynd and Saulteau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Traffic Management Plan, and any amendments, to the satisfaction of EAO.</p>		Consultation
36	<p>The EAC Holder must develop and implement a carpool and commuter program as part of the Traffic Management Plan. The EAC Holder will provide a shuttle service for workers between Chetwynd and the Site C dam site if warranted by demand or restrictions on access for private vehicles to the dam site</p> <p>The EAC Holder must consult with the affected local communities, including Aboriginal communities in the</p>	Construction	EIS Volume 4, Section 31 Volume 4, Appendices A, Part 7, B Volume 5, Section

No	Condition	Timing	Application Section or Supporting Documents
	development of a carpool and commuter program.		35.2 Panel Report Section 9.4
37	<p>The EAC Holder must develop a Transportation Monitoring and Follow-up Plan to ensure measures to mitigate Project effects on local transportation infrastructure are effective or need to be adjusted to adequately mitigate the effects. The Transportation Monitoring and Follow-up Plan must be developed by a QEP.</p> <p>The Transportation Monitoring and Follow-up Plan must include at least the following:</p> <ul style="list-style-type: none"> • On an annual basis during construction and during each year when Project traffic will be using each identified intersection, traffic counts and monitoring of traffic operations at the following intersections: <ul style="list-style-type: none"> ○ Beattie Drive in Hudson’s Hope ○ Clarke Avenue in Hudson’s Hope ○ Highway 29 and Canyon Drive in Hudson’s Hope ○ Highway 29 and Jackfish Lake Rd ○ Highway 97 / Highway 29 in Chetwynd ○ Highway 97 intersections in Fort St. John, including: <ul style="list-style-type: none"> ○ Highway 97 at Old Fort Road in Fort St. John ○ Highway 97 at 100th Street in Fort St. John ○ Highway 97 at 85th Avenue in Fort St. John • Annual monitoring during construction of traffic operations on local roads to determine if road restrictions for Project-related traffic should be implemented, in accordance with appropriate MOTI standards. <p>As part of the Transportation Monitoring and Follow-up Plan, the EAC Holder must implement the following 90 days prior to commencement of operations:</p> <ul style="list-style-type: none"> • Illumination of continuous lightning along Highway 97 through Taylor, from Birch Avenue west to 100th Street access at McMahon Drive, and intersection lightning at Highway 97 and Pine Avenue, 103rd Avenue, and 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, that will provide drivers with advanced notification of road conditions, including notification of fog conditions. • Installation of a highway webcam in Taylor to monitor fog conditions, to be operated as part of the MOTI network. The location will be determined in consultation with Taylor and MOTI. <p>The Transportation Monitoring and Follow-up Plan reporting must occur at least annually during the monitoring</p>	Construction	EIS Volume 4, Section 31 Volume 4, Appendices A Part 7, B Volume 5, Section 35.2 Panel Report Section 9.4 Post Panel Stage Consultation

No	Condition	Timing	Application Section or Supporting Documents
	<p>and follow-up program period, beginning 180 days after the commencement of construction.</p> <p>The EAC Holder must provide the draft Transportation Monitoring and Follow-up Plan to MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups for review within 90 days after the commencement of construction.</p> <p>The EAC Holder must file the final Transportation Monitoring and Follow-up Plan with EAO, MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope, District of Chetwynd and Aboriginal Groups within 150 days after the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Transportation Monitoring and Follow-up Plan, and any amendments, to the satisfaction of EAO.</p>		
38	<p>The EAC Holder must develop a Public Safety Management Plan to describe how it will implement measures to avoid or manage the effects of the Project on public safety during construction and operations. The Public Safety Management Plan must be developed by a QEP.</p> <p>The Public Safety Management Plan must include at least the following::</p> <ul style="list-style-type: none"> • Increase public awareness of safety hazards, including navigational hazards, access restrictions and closures during the construction and operation of the Site C reservoir. • Establish boater communication protocol including communication of navigational hazards during construction and operations. • Develop standard navigation mitigations for signals, markings and notifications, relating to overhead structures such as towers and conductors crossing navigable waters. • Manage public water-based access during construction and for the first 5 years of operation. <p>The EAC Holder must provide this draft Public Safety Management Plan to MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Sauteau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band for review 90 days prior to the commencement of construction and operations.</p> <p>The EAC Holder must file the final Public Safety Management Plan with the MOTI, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Sauteau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band 30 days prior to the commencement of construction and operations.</p> <p>The EAC Holder must develop, implement and adhere to the final Public Safety Management Plan, and any</p>	Pre-Construction Construction Operations	<p>EIS Volume 3, Section 26 Volume 3, Appendix C, Part 5 Volume 5, Section 35.2</p> <p>Panel Report Section 9.6</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	amendments, to the satisfaction of EAO.		
OUTDOOR RECREATION AND TOURISM			
39	The EAC Holder must provide information to the Province of Alberta, during construction and operations, to assist in their communications with anglers in Alberta regarding changes in downstream fishing opportunities due to construction activities and longer-term changes in fish community composition.	Construction Operations	EIS Volume 2, Section 12 Volume 2, Appendices O, Q Volume 3, Sections 24, 25, Volume 3, Appendix C, Part 5 Volume 4, Appendix D, Part 3 Volume 5, Section 35.2 Panel Report Section 9.7
40	<p>The EAC Holder must finalize and implement the Outdoor Recreation Mitigation Plan to mitigate changes in recreational opportunities and loss of existing recreational areas resulting from the Project.</p> <p>The Outdoor Recreation Mitigation Plan must be developed by a QEP.</p> <p>The Outdoor Recreation Mitigation Plan must include at least the following to:</p> <ul style="list-style-type: none"> • Provide technical information to support outdoor recreation providers in adapting to new shoreline conditions. • Establish three new boat launch/day use sites, complete with parking, picnic areas and toilets, at Cache Creek, Lynx Creek and Hudson's Hope Shoreline, and accessible via Highway 29. • Establish at least one public viewpoint at the Site C dam site. • Provide approximately \$150,000 to the District of Hudson Hope for the enhancement of Alwin Holland Park, or other community shoreline recreation areas. • Provide approximately \$200,000 for a Community Recreation Site Fund of which \$50,000 is for recreational sites on the south bank to support development of new shoreline recreation areas within the Peace River and its tributaries to the Alberta border. • Outline an approach to governance and allocation of funds from the Community Recreation Site Fund • Fund the development of a BC Peace River/Site C Reservoir Navigation and Recreation Opportunities Plan 	Construction Operations	EIS Volume 3, Section 25, Volume 3, Appendices C Part 5, E Panel Report Sections 9.1, 9.7 Post Panel Stage Consultation

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must provide this draft Outdoor Recreation Mitigation Plan to FLNR, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Saulneau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band for review within 12 months after the commencement of construction.</p> <p>The EAC Holder must file the final Outdoor Recreation Mitigation Plan with EAO, FLNR, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Saulneau, West Moberly, Halfway River, Doig River, Blueberry River and Prophet River First Nations, and McLeod Lake Indian Band within 18 months after the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Outdoor Recreation Mitigation Plan, and any amendments, to the satisfaction of EAO.</p>		
41	<p>The EAC Holder must make reasonable efforts to enter into agreements with the owners of the campground at Cache Creek and the hunting camp near the Site C dam site to compensate for any effects to those facilities, prior to potential effects on operation of these facilities. Where it is both physically and economically feasible, the costs to relocate facilities will be included in the agreements.</p>	Construction	<p>EIS Volume 3, Section 25, Volume 3, Appendices C Part 5, E</p> <p>Panel Report Section 9.7</p>
COMMUNITY			
Community Infrastructure and Services			
42	<p>The EAC Holder must manage increased demands resulting from the influx of the Project workforce on community health care and social services by implementing mitigation measures detailed in a Healthcare Services Plan.</p> <p>The Healthcare Services Plan must include at least the following:</p> <ul style="list-style-type: none"> • Implement on-site health care comprised of physician and nursing services to manage non-urgent health issues for the workforce residing in the construction camps. • Establish a process for coordination of program delivery with the Northern Health Authority (NHA). • Establish a process for providing new resident workers and their families with local information about health, education and social services. <p>The EAC Holder must provide this draft Healthcare Services Plan to NHA, Peace River Regional District, City of Fort St. John and District of Hudson’s Hope for review a minimum of 90 days prior to the commencement of construction.</p>	Pre-Construction Construction	<p>EIS Volume 4, Sections 28, 30 Volume 4, Appendices A, D Volume 5, Sections 35.2, 35.3</p> <p>Panel Report Section 10.3</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must file the final Healthcare Services Plan with the NHA, Peace River Regional District, City of Fort St. John and the District of Hudson's Hope a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Healthcare Services Plan, and any amendments, to the satisfaction of EAO.</p>		
43	<p>The EAC Holder must develop an Emergency Services Plan that includes at least the following to describe how the EAC Holder will implement measures to:</p> <ul style="list-style-type: none"> • Contract for provision of emergency services (fire services and medical transport) ; • Communicate Project emergency management plans to all emergency service providers, and provide updates as plans are amended • Develop site access protocols to enable safe site access during construction and communicate to emergency service providers <p>For this condition, these emergency services refer only to Project need for emergency services during construction and are defined as those services relating to: firefighting, policing, ambulance services, Conservation Officer Service, Search and Rescue Associations, BC Wildfire Management Branch.</p> <p>The EAC Holder must provide this draft Emergency Services Plan to the appropriate local emergency service providers including the Peace River Regional District, City of Fort St. John, District of Hudson's Hope and District of Taylor for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Emergency Services Plan with EAO, local emergency service providers including the Peace River Regional District, City of Fort St. John, District of Hudson's Hope and District of Taylor a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Emergency Services Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 4, Section 30, Volume 4, Appendix A Volume 5, Sections 35.2, 35.3</p> <p>Panel Report Section 10.3</p> <p>Post Panel Stage Consultation</p>
44	<p>The EAC Holder must assist School Districts 59 and 60 to adjust to potential increased need resulting from the influx of the Project workforce by providing annual information throughout construction about anticipated changes in the resident population and potential new school enrolment.</p>	Construction	<p>EIS Volume 4, Sections 28, 30 Volume 4, Appendix A, Parts 2,3,6</p> <p>Panel Report Section 10.3</p>
45	<p>The EAC Holder must assist the Northern Lights College to adjust to potential increased need resulting from the</p>	Construction	EIS

No	Condition	Timing	Application Section or Supporting Documents
	influx of the Project workforce by providing information annually during construction to identify the number of worker hires.		<p>Volume 4, Sections 28, 30 Volume 4, Appendix A, Parts 2,3,6</p> <p>Panel Report Sections 10.3, 10.6, 14.2</p>
46	<p>The EAC Holder must develop a Waste Management Plan. The Waste Management Plan must be developed by a QEP.</p> <p>The Waste Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Identify waste management strategies to manage effects on landfills in the region. • Develop methods for disposal of project-related waste. • Ensure capacity of local landfills to meet disposal requirements of the Project construction activities • Establish resources and funding arrangements to address any potential shortfall in existing landfill capacity. • Identify other waste management options through consultation with the Peace River Regional District/municipal agencies responsible for management of solid waste in the area. <p>The EAC Holder must provide the Waste Management Plan to the MOE, Peace River Regional District, City of Fort St. John and the District of Hudson’s Hope for review a minimum of 90 days prior to the commencement of construction activities.</p> <p>The EAC Holder must file the final Waste Management Plan with the EAO, MOE, Peace River Regional District, City of Fort St. John and the District of Hudson’s Hope a minimum of 30 days prior to the commencement of construction activities.</p> <p>The EAC Holder must develop, implement and adhere to the final Waste Management Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 4, Section 30 Volume 5, Sections 35.2, 35.3</p> <p>Post Panel Stage Consultation</p>
47	<p>The EAC Holder must mitigate actual effects on the functionality of local water and sewage systems by implementing measures detailed in a Local Infrastructure Mitigation Plan.</p> <p>The Local Infrastructure Mitigation Plan must include at least the following:</p> <ul style="list-style-type: none"> • A strategy for ongoing communication with local municipalities. 	Construction Operations	<p>EIS Volume 2, Appendices E,F Volume 4, Section 30</p> <p>Panel Report</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Specific mitigation measures (system relocation, replacement, monitoring) that may be required to ensure the functionality of existing municipal water and sewer systems. • Identification of resources and funding arrangements associated with specific mitigation measures that may be required to ensure functionality of existing municipal water and sewer systems. <p>The EAC Holder must provide this draft Local Infrastructure Mitigation Plan to the Peace River Regional District, City of Fort St. John, District of Hudson’s Hope, District of Taylor, and Aboriginal Groups for review a minimum of 360 days prior to reservoir filling.</p> <p>The EAC Holder must file the final Local Infrastructure Mitigation Plan with EAO, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope, District of Taylor, and Aboriginal Groups a minimum of 30 days prior to reservoir filling.</p> <p>The EAC Holder must develop, implement and adhere to the final Local Infrastructure Mitigation Plan, and any amendments, to the satisfaction of EAO.</p>		<p>Section 11.2</p> <p>Post Panel Stage Consultation</p>
	Housing		
48	<p>The EAC Holder must manage the increased demands for housing in the City of Fort St. John, resulting from the influx of the Project workforce by implementing mitigation measures detailed in a Housing Plan.</p> <p>The Housing Plan must include at least the following:</p> <ul style="list-style-type: none"> • Establish a community camp co-coordinator. • Establish a process for adjusting camp capacity throughout the construction phase to accommodate direct Project workers. • Expand affordable rental housing supply in the City of Fort St. John by building 50 rental units to be owned and operated by BC Housing or an approved non-profit operator. Immediately on completion of the housing development, 40 of the rental units will be available for BC Hydro worker housing and 10 will be available to low to moderate income households. Upon completion of the Site C construction phase, the 40 worker housing units will be made available to low to moderate income households. • Expand RV accommodation by building 20 new temporary long-stay RV accommodations. • Provide approximately \$250,000 to emergency or transitional housing providers in the City of Fort St. John. • Monitor net migration to reserves as a result of the Project. <p>The EAC Holder must provide this draft Housing Plan to the City of Fort St. John, and Aboriginal Groups for review a minimum of 90 days prior to the construction of housing.</p>	Construction	<p>EIS Volume 4, Sections 28, 29 Volume 4, Appendix A, Parts 2-5</p> <p>Panel Report Section 10.2</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must file the final Housing Plan with the EAO, the City of Fort St. John and Aboriginal Groups a minimum of 30 days prior to the construction of housing.</p> <p>The EAC Holder must develop, implement and adhere to the final Housing Plan, and any amendments, to the satisfaction of EAO.</p>		
49	<p>The EAC Holder must ensure that measures implemented under the Housing Plan are effective in mitigating increased demands for housing in the City of Fort St. John by developing and implementing a Housing Monitoring and Follow-up Program for the construction phase.</p> <p>The Housing Monitoring and Follow-up Program must include at least the following to ensure measures to mitigate Project effects are effective or need to be adjusted to adequately mitigate the effects:</p> <ul style="list-style-type: none"> • The EAC Holder must develop an approach for monitoring the apartment rental vacancy rate and price as published by the CMHC semi-annually, for the Fort St. John area and must define the nature and duration of market changes that may require additional mitigation. The EAC Holder will review the monitoring results with the City of Fort St. John and discuss if additional mitigation is required and mitigation options. • Reports must be provided semi-annually during construction to BC Housing and City of Fort St. John, beginning 180 days following the commencement of construction. • The EAC Holder must work with Aboriginal communities in the LAA (as defined in EIS) to track net migration to reserves attributable to Project effects, on rental market conditions in the City of Fort St. John and to identify if additional mitigation is needed. <p>The EAC Holder must provide this draft Housing Monitoring and Follow-up Program to the City of Fort St. John and Aboriginal Groups for review within 90 days after the commencement of construction.</p> <p>The EAC Holder must file the final Housing Monitoring and Follow-up Program with EAO, City of Fort St. John and Aboriginal Groups within 150 days following the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Housing Monitoring and Follow-up Program, any amendments, to the satisfaction of EAO.</p>	Construction	<p>EIS Volume 4, Sections 28, 29 Volume 4, Appendix A, Parts 2-5 Volume 5, Appendix A</p> <p>Panel Report Section 10.2</p> <p>Post Panel Stage Consultation</p>
	Regional Economic Development		
50	The EAC Holder must provide a one-time contribution of \$160,000 to the District of Hudson's Hope within one year of reservoir filling to address permanent inundation of land no longer available for development.	Operations	<p>EIS Volume 3, Section 18 Volume 3, Appendix A</p>

No	Condition	Timing	Application Section or Supporting Documents
			Panel Report Section 10.6 Post Panel Stage Consultation
51	<p>The EAC Holder must develop and implement a Business Participation Plan (Plan).</p> <p>The Plan must include at least the following:</p> <ul style="list-style-type: none"> • Increase awareness in the business community about Project procurement opportunities. • Develop partnerships with local business organizations and economic development offices and programs to communicate and maximize opportunities for local businesses. <p>The EAC Holder must provide this draft Plan to the City of Fort St. John, District of Hudson Hope, District of Taylor and Peace River Regional District for review 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the Final Plan with EAO, City of Fort St. John, District of Hudson’s Hope, District of Taylor, and Peace River Regional District a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the Final Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	EIS Volume 3, Section 18 Volume 3, Appendix A Volume 5, Section 34.6 Panel Report Section 10.6 Post Panel Stage Consultation
52	<p>The EAC Holder must support the North and South Peace non-profit organizations by establishing a community non-profit fund and providing an annual contribution of \$100,000 per year to the fund during the construction phase. Organizations that support children and families will be eligible to apply for funding from the community non-profit fund.</p>	Construction	EIS Volume 3, Section 18 Volume 3, Appendix A Panel Report Section 10.6
53	<p>The EAC Holder must develop and implement a Labour and Training Plan.</p> <p>The Labour and Training Plan must include at least the following:</p> <ul style="list-style-type: none"> • Where labour requirements cannot be met through the local labour pool, develop a strategy for attracting new entrants to the local labour force. • Resources and funding arrangements with education providers to ensure required training and skill development programs are available • Participation in regional workforce training initiatives during construction 	Pre-Construction Construction	EIS Volume 3, Section 17 Volume 3, Appendix A Volume 4 Section 28 Volume 5, Appendix A Panel Report

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Identification of apprenticeship opportunities during construction • Provision of additional day-care spaces in Fort St. John to increase spousal participation in the labour market. <p>The EAC Holder must provide this draft Labour and Training Plan to the City of Fort St John, District of Taylor, District of Hudson Hope, Peace River Regional District, Aboriginal Groups, School Districts 59 and 60, and Northern Lights College for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Labour and Training Plan with EAO, City of Fort St John, District of Taylor, District of Hudson Hope, Peace River Regional District, Aboriginal Groups, School Districts 59 and 60, and Northern Lights College a minimum of 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Labour and Training Plan, and any amendments, to the satisfaction of EAO.</p>		<p>Section 10.4</p> <p>Post Panel Stage Consultation</p>
54	<p>The EAC Holder must develop an Aboriginal Training and Inclusion Plan.</p> <p>The Aboriginal Training and Inclusion Plan must include at least the following:</p> <ul style="list-style-type: none"> • Description of a protocol and plan for the communication of employment opportunities to Aboriginal groups. • Inclusion of evaluation criteria for hiring and training Aboriginal persons in contractor procurement packages. • Strategies for capacity building, education, and training associated with Aboriginal participation in the labour market, including construction, trades, and other indirect and induced sectors for Aboriginal workers, as these jobs are likely to be longer lived than those related strictly to construction. • Resources and funding arrangements to support training, industry, and Aboriginal partnership opportunities in the region. Provide \$30,000 to the to the Minerva Foundation for three years to support Treaty 8 First Nation women in northeast BC wishing to participate in the Minerva Foundation’s Combining Our Strength Initiative (\$10,000 provided to date.). This is in addition to funding provided to date to Northern Lights College Foundation (\$1 million over five years), Northern Development Opportunities Program (\$175,000), Northern Opportunities School District Counsellor (\$184,000), NENAS NEATT Program (\$100,000) and Oho Education (\$16,600). • Aboriginal Business Participation Strategy to maximize opportunities for Aboriginal businesses, incorporating at least the following: <ul style="list-style-type: none"> ○ Obtaining information from Aboriginal suppliers in the LAA, and from other Aboriginal groups with whom BC Hydro is engaged about the Project, about their business capacity and capabilities to provide goods and services for the Project ○ Direct engagement with the local Aboriginal business community, including sponsoring and participating in Aboriginal business events and conferences. ○ Implementation of BC Hydro’s Aboriginal Contract and Procurement Policy. 	Pre-Construction Construction	<p>EIS</p> <p>Volume 3, Sections 17, 18</p> <p>Volume 3, Appendices A, B</p> <p>Volume 4, Section 28</p> <p>Volume 5, Section 34.6</p> <p>Volume 5, Appendix A</p> <p>Panel Report</p> <p>Section 10.4</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The EAC Holder must provide this draft Aboriginal Training and Inclusion Plan to Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Aboriginal Training and Inclusion Plan with EAO and Aboriginal Groups a minimum of 30 days prior to construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Aboriginal Training and Inclusion Plan, and any amendments, to the satisfaction of EAO.</p>		
55	<p>The EAC Holder must manage increased demands on community recreational programs and services resulting from the influx of the Project workforce by implementing mitigation measures detailed in a Recreation Program for residents of the work camp, in consultation with the City of Fort St. John.</p> <p>If the recreational services required by residents of the camp extend beyond that provided through in-house (EAC Holder) facilities and programming, the EAC Holder must identify, through consultation with the City of Fort St. John, additional facility and/or programming needs and must provide the resources required to meet those needs.</p> <p>The EAC Holder must develop a draft Recreation Program for review by the City of Fort St. John and the Peace River Regional District a minimum of 90 days prior to the commencement of camp operations.</p> <p>The EAC Holder must file the final Recreation Program with EAO, City of Fort St. John and Peace River Regional District a minimum of 30 days prior to the commencement of camp operations.</p> <p>The EAC Holder must develop, implement and adhere to the final Recreation Program, and any amendments, to the satisfaction of EAO.</p>	Construction	<p>EIS Volume 4, Sections 28, 30 Volume 4, Appendix A, Parts 2,3,6</p> <p>Panel Report Section 10.3</p> <p>Post Panel Stage Consultation</p>
HUMAN HEALTH			
Potable and Recreational Water Quality			
56	<p>The EAC Holder must ensure that wells affected by changes to groundwater levels within 1 km. of the reservoir or Peace River continue to function as reliable and safe sources of water for human consumption by monitoring potentially affected wells, with the approval of potentially affected well owners, for significant long-term well quality issues. Monitoring must be done twice a year for 10 years, beginning annually from the outset of construction.</p> <p>If any functionality problems such as poor water quality or low yield result from the Project, the EAC Holder must work with the well owner(s) to provide an alternate source of potable water.</p>	Construction Operations	<p>EIS Volume 2, Appendix E Volume 4, Section 33 Volume 4, Appendix D</p> <p>Panel Report Section 11.2</p>

No	Condition	Timing	Application Section or Supporting Documents
	Ambient Air Quality		
57	<p>The EAC Holder must develop an Air Quality Management Plan and Smoke Management Plan, in compliance with applicable legislation and consistent with the Air Quality Guidelines for the Protection of Human Health and the Environment (CCME 1998), and the British Columbia Air Quality Objectives and Standards (BC Ministry of Environment 2009).</p> <p>The main purpose of the Air Quality Management Plan and Smoke Management Plan is to mitigate the potential human health effects from a degradation of air quality in the region of Fort St. John, Taylor, Hudson’s Hope, Chetwynd and for Aboriginal Groups using areas for traditional purposes close to the construction activities of clearing and burning.</p> <p>The Air Quality Management Plan and Smoke Management Plan must include at least the following to describe how the EAC Holder:</p> <ul style="list-style-type: none"> • Identify places of high use by Aboriginal Groups for traditional purposes and develop mitigation measures if adverse effects are predicted at those locations. • Measures to manage emissions and dust from all Project activities. • Measures to manage Project effects on air quality associated with concrete production at concrete batch plants. • Control Project-related smoke by following the most current BC Ministry of Environment Open Burning Smoke Control Regulation. • Measures to retain vegetative barriers, or install temporary barriers, where practical. • Procedures to provide MOE with data collected during monitoring so that they can notify sensitive populations if air quality thresholds are exceeded. <p>The EAC Holder must monitor air quality associated with shoreline protection works at Hudson’s Hope during the construction period and for the first two years of operations.</p> <p>The EAC Holder must provide these draft Air Quality Management Plan and Smoke Management Plan to MOE, City of Fort St. John, District of Hudson’s Hope, Peace River Regional District, District of Taylor, District of Hudson’s Hope, District of Chetwynd and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction activities.</p> <p>The EAC Holder must file the final Air Quality Management Plan and Smoke Management Plan with EAO, MOE, City of Fort St. John, District of Hudson’s Hope, Peace River Regional District, District of Taylor, District of Chetwynd and Aboriginal Groups a minimum of 30 days prior to the commencement of construction activities.</p>	Pre-Construction Construction	<p>EIS Volume 2, Appendix L Volume 4, Section 33 Volume 4, Appendix D Volume 5, Sections 34.6, 35.2 Volume 5, Appendix A</p> <p>Panel Report Section 11.1</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	The EAC Holder must develop, implement and adhere to the final Air Quality Management Plan and Smoke Management Plan, and any amendments, to the satisfaction of EAO.		
	Noise and Vibration		
58	<p>The EAC Holder must develop a Noise and Vibration Management Plan to mitigate Project-related noise and vibration effects on human health.</p> <p>The Noise and Vibration Management Plan must include at least the following:</p> <ul style="list-style-type: none"> • Program to monitor noise levels associated with construction of Hudson’s Hope Shoreline Protection. • Implement notification of construction program and Construction Communication Plan for residents in vicinity of Project activities • Retain or erect acoustic barriers, fencing, and vegetative screens as appropriate. • Develop and implement noise monitoring and adaptive management as required. • Mitigate night-time noise (e.g. perimeter berms and acoustic barriers, portable enclosures or barriers to the conveyor hopper, and silent backup alarms) • Monitor noise at 85th Avenue Industrial Lands <ul style="list-style-type: none"> ○ Construct perimeter fencing and retain or plant tree screens at 85th Avenue Industrial Lands ○ Design a work and noise management schedule that allows an uninterrupted eight hour sleep schedule for Project workers, ○ Manage Project construction noise to provide quiet enjoyment to residents, even if it means temporary relocation of residents at the EAC Holder’s expense. <p>The EAC Holder must provide this draft Noise and Vibration Management Plan to FLNR, District of Hudson’s Hope, City of Fort St. John, Peace River Regional District and District of Chetwynd for review a minimum of 90 days prior to the commencement of construction activities.</p> <p>The EAC Holder must file the final Noise and Vibration Management Plan with EAO, FLNR, District of Hudson’s Hope, City of Fort St. John, Peace River Regional District and District of Chetwynd a minimum of 30 days prior to the commencement of construction activities.</p> <p>The EAC Holder must develop, implement and adhere to the final Noise and Vibration Management Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 2, Appendix M Volume 4, Section 33 Volume 4, Appendix D Volume 5, Section 35.2</p> <p>Panel Report Section 11.3</p> <p>Post Panel Stage Consultation</p>
59	The EAC Holder must outline measures including relocation of affected home-owners, as deemed appropriate in consultation with affected home-owners, to address serious levels of noise or changes in air quality during construction of the Project. The measures would be included in the appropriate plans.	Construction	<p>EIS Volume 4, Section 33 Volume 4, Appendix D</p>

No	Condition	Timing	Application Section or Supporting Documents
			Volume 5, Section 35.2 Panel Report Section 11.3
	Methylmercury		
60	<p>The EAC Holder must, in collaboration with the First Nations Health Authority (FNHA), NHA and Aboriginal Groups, develop a Methylmercury Monitoring Plan.</p> <p>The Methylmercury Monitoring Plan must include:</p> <p>Methods for collecting monitoring information must include:</p> <ul style="list-style-type: none"> • Involving Aboriginal Groups and the FNHA in the design, implementation, management and interpretation and communication of results; • Use of information regarding consumption of fish by Aboriginal Groups known to consume fish in the methylmercury monitoring study if available, and non-aboriginal harvesters including: <ul style="list-style-type: none"> ○ species and size of fish caught for consumption; ○ location where fish are caught for consumption; ○ consumption of fish by age group and gender; ○ fish meal sizes by age group and gender; ○ fish meal frequency; ○ parts of fish consumed; ○ fish preparation methods; and ○ other relevant consumption information (e.g. events where consumption is higher over a short period of time such as a camping event); and • Use of baseline methylmercury levels in representative fish species consumed by Aboriginal Groups and non-aboriginal harvesters. <p>Requirements for monitoring the trend and evolution of methylmercury concentrations in fish. Monitoring requirements must include the following:</p> <ul style="list-style-type: none"> • proposed geographic extent; • proposed monitoring parameters; • proposed monitoring locations; and • proposed monitoring timelines and frequency. 	Construction Operations	EIS Volume 2, Appendix J Volume 3, Appendices B, F Volume 4, Section 33 Volume 4, Appendices A, D Volume 5, Sections 35.2 Volume 5, Appendix A Panel Report Section 11.5

No	Condition	Timing	Application Section or Supporting Documents
	<p>Measures to enable people to limit exposure to methylmercury to avoid risk to human health such as:</p> <ul style="list-style-type: none"> • a detailed communications strategy developed in consultation with relevant Aboriginal groups and government departments and agencies including consumption advisories or other health related bulletin or information, as may be necessary; and • an annual update on the status, results, and trends of methylmercury concentrations in fish and the presence of human health risks associated with the consumption of fish from the affected waterbodies. <p>Baseline information must be established prior to any project impacts using a minimum of two years of data and operations phase monitoring will occur each year for the first ten years of operations and every 5 years after until such time as methymecury levels in fish populations have stabilized.</p> <p>The EAC Holder must report on the results to EAO, FNHA and NHA in accordance with the monitoring schedule.</p> <p>The EAC Holder must provide this draft Methylmercury Monitoring Plan to FNHA and NHA for review a minimum of 90 days prior to the commencement of reservoir filling.</p> <p>The EAC Holder must file the final Methylmercury Monitoring Plan with EAO, FNHA and NHA a minimum of 30 days prior to the commencement of reservoir filling.</p> <p>The EAC Holder must develop, implement and adhere to the final Methylmercury Monitoring Plan, and any amendments, to the satisfaction of EAO.</p>		
HERITAGE RESOURCES			
Visual Resources			
61	<p>The EAC Holder must develop and implement measures to manage Project effects on visual resources by undertaking the following throughout construction:</p> <ul style="list-style-type: none"> • Address how to landscape the shoreline protection area in Hudson’s Hope to maintain or enhance natural views in collaboration with the District of Hudson’s Hope. • Set objectives and requirements for exterior designs for Project structures, and landscaping to blend in with the character of the surrounding environment except in accordance with safety objectives. • Set objectives and requirements for establishing and building workforce accommodation camps on previously disturbed areas or areas generally hidden from key viewpoints. <p>The EAC Holder must undertake the measures to the satisfaction of EAO.</p>	Construction	<p>EIS Volume 3, Section 27 Volume 3, Appendix C, Part 6 Volume 5, Appendix A</p> <p>Panel Report Section 12.3</p> <p>Post Panel Stage Consultation</p>
Physical Heritage and Cultural Heritage			

No	Condition	Timing	Application Section or Supporting Documents
62	<p>The EAC Holder must protect and preserve heritage resources by implementing measures as detailed in a Heritage Resources Management Plan. The Heritage Resources Management Plan must be developed by a QEP.</p> <p>The Heritage Resources Management Plan must specify a process for the engagement of Aboriginal Groups in planning and follow-up/monitoring activities related to heritage resources as the Project proceeds. In particular, the Plan must incorporate a process for continued collaboration with Aboriginal Groups on ground-truthing for the identification of any burial sites that the Project may disturb.</p> <p>The EAC Holder must provide the draft Heritage Resources Management Plan to Archaeology Branch of FLNR and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The Heritage Resources Management Plan must include Archaeological Impact Management and Heritage Resources Monitoring and Follow-Up Programs. The field and reporting portions of each program will be of a scope, duration and frequency prescribed by the BC Heritage Conservation Act permits. The Archaeology Impact Management Program must be developed by a QEP qualified to hold Section 14 Heritage Inspection and Investigation Permits.</p> <p>The Heritage Resources Monitoring and Follow-Up Program must include at least the following:</p> <ul style="list-style-type: none"> • Monitor reservoir erosion during occurrences of exposure to assess the impacts on existing or newly identified protected archaeological sites and other heritage resources • Implement mitigation measures, systematic data recovery or emergency salvage operations in accordance with the Heritage Resources Management Plan. • Conduct the monitoring of shoreline erosion downstream (for approximately 2 km) as part of chance-find procedures to determine if physical heritage resources are affected by the Project. The EAC Holder must undertake this monitoring for any spills from the Project reservoir for a period of two years following the commencement of reservoir filling and commissioning. • Establish a reporting structure for reporting to Aboriginal Groups and the Archaeology Branch beginning 180 days following the commencement of operations. <p>The EAC Holder must file the final Heritage Resources Management Plan with EAO, Archaeology Branch and Aboriginal Groups a minimum of 30 days prior to commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Heritage Resources Management Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction Operations	<p>EIS Volume 3, Section 19 Volume 3, Appendices B, F Volume 4, Section 32 Volume 5, Section 34.6, 35.2 Volume 5, Appendix A</p> <p>Panel Report Section 12.1</p>
63	<p>The EAC Holder must manage adverse Project effects on cultural resources by implementing mitigation measures detailed in a Cultural Resources Mitigation Plan. The Cultural Resources Mitigation Plan must be developed in</p>	Pre-Construction Construction	<p>EIS Volume 3, Section 19</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>collaboration with a Cultural and Heritage Resources Committee (Committee) established by the EAC Holder that includes Aboriginal Groups.</p> <p>The Cultural Resources Mitigation Plan must include consideration of the following elements and/or others that may be recommended by the Committee:</p> <ul style="list-style-type: none"> • Identification and naming of key cultural sites. • Documenting historical use of the area, including trails, sites, and stories. • Commemoration of sites lost to inundation. • Cultural awareness and orientation of workforce. • Support for cultural camps through financial or in-kind support. <p>The EAC Holder must provide the draft Cultural Resources Mitigation Plan to the Committee for review a minimum 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the final Cultural Resources Mitigation Plan with EAO and the Committee a minimum of 30 days prior to the commencement of construction</p> <p>The EAC Holder must develop, implement and adhere to the final Cultural Resources Mitigation Plan, and any amendments, to the satisfaction of EAO.</p>		<p>Volume 3, Appendices B, F Volume 4, Section 32 Volume 5, Section 34.6 Volume 5, Appendix A</p> <p>Panel Report Section 12.2</p>
64	<p>The EAC Holder must provide a total of \$100,000 to local accredited facilities in close proximity to the Project, prior to the start of operations, to curate and display the recovered resources and the funding is not to be used for buildings to house them. These funds must be provided only to facilities that agree to work with interested Aboriginal Groups on the display and curation of those artefacts.</p>	Construction	<p>EIS Volume 3, Section 19 Volume 3, Appendices B, F Volume 4, Section 32 Volume 5, Section 34.6 Volume 5, Appendix A</p> <p>Panel Report Section 12.1</p>
ENVIRONMENTAL PROTECTION AND MANAGEMENT			
Greenhouse Gas Emissions			
65	<p>The EAC Holder must monitor the levels of Greenhouse Gas (GHG) emissions resulting from the Project as detailed in a Greenhouse Gases Monitoring and Follow-Up Program to confirm predictions of the GHG model.</p>	Operations	<p>EIS Volume 2, Section 15 Volume 2, Appendix S</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>The Program must include at least the following:</p> <ul style="list-style-type: none"> • Protocols for monitoring GHG emissions from Site C reservoir for the first 10 years of operations. • Protocols for monitoring and reporting GHG emissions during operation and maintenance activities. • A reporting structure for reporting results at least annually during the monitoring and follow-up program period, beginning 180 days following commencement of operations, to MOE and Environment Canada. <p>The EAC Holder must provide this draft Greenhouse Gases Monitoring and Follow-Up Program to MOE and Environment Canada for review within 90 days after the commencement of operations.</p> <p>The EAC Holder must file the final Greenhouse Gases Monitoring and Follow-Up Program with EAO, MOE and Environment Canada within 150 days after the commencement of operations.</p> <p>The EAC Holder must develop, implement and adhere to the final Greenhouse Gases Monitoring and Follow-Up Program, and any amendments, to the satisfaction of EAO.</p>		<p>Panel Report Section 13.1</p>
	ENVIRONMENTAL MANAGEMENT PLANS, FOLLOW-UP AND MONITORING		
66	<p>The EAC Holder must clearly document its roles and responsibilities for monitoring and reporting employee and contractor performance and compliance with the EAC and its conditions in an Environmental Oversight Program.</p> <p>The Environmental Oversight Program must include requirements for investigating and reporting non-compliance with the EAC and any management plans, ensuring corrective actions are implemented, and requirements for reviewing and updating the Construction Environmental Management Plans and Operations Environmental Management Plans to ensure that they remain relevant and current.</p> <p>The EAC Holder must submit the draft Environmental Oversight Program to EAO 90 days prior to commencing construction.</p> <p>The EAC Holder must submit the final Environmental Oversight Program to EAO 30 days prior to commencing construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Environmental Oversight Program, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 5, Section 35</p> <p>Panel Report Section 13.6</p>
67	<p>The EAC Holder must appoint an IEM acceptable to EAO, at least three months prior to construction. The IEM will be responsible for monitoring the course of construction of the Project as directed by EAO.</p> <p>The IEM must audit any incident reports as well as EAC Holder responses to the EAC Holder's Environmental Monitor's findings and recommendations (Reports) must be filed with FLNR and EAO within 30 days of request.</p>	Pre-Construction Construction	<p>EIS Volume 5, Sections 35, 36</p> <p>Panel Report</p>

No	Condition	Timing	Application Section or Supporting Documents
	These Reports must be developed and reported to the satisfaction of EAO.		Section 13.6
68	<p>The EAC Holder must manage worker and public safety throughout the construction phase by implementing measures detailed in a Construction Safety Management Plan that complies with all applicable requirements of statutes, permits, approvals, and authorizations as outlined in Section 35 of the EIS. The Construction Safety Management Plan must be developed by a QEP.</p> <p>The Construction Safety Management Plan must include the following component plans:</p> <ul style="list-style-type: none"> • Fire Hazard and Abatement Plan; • Public Safety Management Plan; • Traffic Management Plan; and • Worker Safety and Health Management Plan; <p>Each component plan in addition to plan specific conditions in this document must include the following:</p> <ul style="list-style-type: none"> • Clear statement of Objectives; • Description of potential Project effects and safety hazards, through consideration of baseline conditions and sensitive receptors; • Clear documentation of all measures to be implemented and actions to be taken to mitigate potential effects and safety hazards; • Description of worker qualifications and training requirements pertaining to the Construction Safety Management Plan; • Description of reporting requirements; and • Process for revising and updating the Construction Safety Management Plan. <p>The EAC Holder must provide the draft Construction Safety Management Plan to regulatory agencies, Peace River Regional District, City of Fort St. John and the District of Hudson’s Hope and Aboriginal Groups for review 90 days prior to commencement of construction.</p> <p>The EAC Holder must file the final Construction Safety Management Plan with EAO, regulatory agencies, Peace River Regional District, City of Fort St. John and District of Hudson’s Hope and Aboriginal Groups 30 days prior to commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the final Construction Safety Management Plan, and any amendments, to the satisfaction of EAO.</p>	Pre-Construction Construction	<p>EIS Volume 5, Section 35</p> <p>Panel Report Section 13.6</p> <p>Post Panel Stage Consultation</p>
69	The EAC Holder must manage effective environmental protection and management throughout the construction	Pre-Construction	EIS

No	Condition	Timing	Application Section or Supporting Documents
	<p>phase by implementing measures detailed in a Construction Environmental Management Plan (CEMP). The CEMP must be developed by a QEP.</p> <p>The CEMP must provide details on how potential adverse effects will be avoided, mitigated, or compensated.</p> <p>The CEMP must include the following:</p> <ul style="list-style-type: none"> • Acid Rock Drainage and Metal Leachate Management Plan; • Air Quality Management Plan; • Blasting Management Plan; • Contaminated Sites Management Plan; • Erosion Prevention and Sediment Control Plan; • Fisheries and Aquatic Habitat Management Plan; • Fuel Handling and Storage Management Plan; • Groundwater Protection Plan; • Hazardous Waste Management Plan; • Heritage Resources Management Plan; • Ice Management Plan; • Noise and Vibration Management Plan; • Smoke Management Plan; • Soil Management, Site Restoration, and Revegetation Plan; • Spill Prevention and Response Plan; • Surface Water Quality Management Plan; • Vegetation and Invasive Plant Management Plan; • Waste Management Plan; and • Wildlife Management Plan. • Process for revising and updating the CEMP. <p>The CEMP is to be prepared by BC Hydro.</p> <p>Detailed Environmental Protection Plans will be developed which must include the following:</p> <ul style="list-style-type: none"> • Clear statement of objectives; • Description of potential Project effects and safety hazards, through consideration of baseline conditions and sensitive receptors; • Clean documentation of applicable legislative requirements that must be adhered to, as well as BC Hydro 	Construction	<p>Volume 5, Section 35</p> <p>Panel Report Section 13.6</p> <p>Post Panel Stage Consultation</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>policies, guidelines and other best management practices that will be followed;</p> <ul style="list-style-type: none"> • Clear documentation of measures to be implemented and actions to be taken to mitigate or compensate potential effects; • Description of worker qualifications and training requirements pertaining to each of the plans associated with the Constructive Environmental Management Plan; and • Description of Monitoring and Reporting Requirements. <p>The EAC Holder must provide the draft CEMP to regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction.</p> <p>The EAC Holder must file the CEMP with EAO, regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups 30 days prior to the commencement of construction.</p> <p>The EAC Holder must develop, implement and adhere to the CEMP, and any amendments, to the satisfaction of EAO.</p>		
70	<p>The EAC Holder must manage Project effects through construction and operations by implementing measures detailed in mitigation and monitoring plans.</p> <p>Each mitigation and monitoring plan in addition to plan specific conditions in this document must include the following:</p> <ul style="list-style-type: none"> • Plan objectives; • Plan scope; • Mitigation plan details (including details of any sub-components), including a summary of potential Project effects and baseline conditions relevant to the plan and any sub-components, a schedule and a spatial description of the plan area; • Monitoring plan details, where monitoring is required, including parameters to be monitored or measured, a schedule (including frequency and duration), a spatial description of monitoring plan area or sampling locations; and • Description of plan reporting requirements. 	Pre-Construction Construction Operations	<p>EIS Volume 5, Section 35, 39</p> <p>Panel Report Section 13.6</p>
71	<p>The EAC Holder must manage environmental protection and management by implementing measures in the following Development Plans:</p> <ul style="list-style-type: none"> • Del Rio Pit Development Plan; • Impervious Core Materials Source Development Plan; • Portage Mountain Quarry Development Plan; and 	Pre-Construction Construction	<p>EIS Volume 5, Section 35</p> <p>Panel Report Section 13.6</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Wuthrich Quarry Development Plan. <p>Each Development Plan will include the following:</p> <ul style="list-style-type: none"> • Plan purpose; • Plan scope; • Plan details; • Summary of safety and environmental management; and • Site reclamation strategy. <p>The EAC Holder must provide the draft Development Plans to regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups for review a minimum of 90 days prior to the commencement of construction activities that require an applicable Development Plan.</p> <p>The EAC Holder must file the Final Development Plans with EAO, regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups 30 days prior to the commencement of construction activities that require an applicable Plan.</p> <p>The EAC Holder must develop, implement and adhere to the Final Development Plans, and any amendments, to the satisfaction of EAO.</p>		<p>Post Panel Stage Consultation</p>
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. 	Pre-Construction Construction	<p>EIS Volume 5, Section 35</p> <p>Panel Report Section 13.6</p>
73	<p>The EAC Holder must manage worker and public safety throughout the operations phase by implementing measures detailed in an Operations Safety Management Plan that complies with all applicable requirements of</p>	Construction Operations	<p>EIS Volume 5, Section 35</p>

No	Condition	Timing	Application Section or Supporting Documents
	<p>statutes, permits, approvals, and authorizations as outlined in Section 35 of the EIS. The Operations Safety Management Plan must be developed by a QEP.</p> <p>The Operations Safety Management Plan must include the following component plans:</p> <ul style="list-style-type: none"> • Public Safety Management Plan (including the Reservoir Shoreline Monitoring and Management Plan); and • Worker Safety and Health Management Plan. <p>Each component plan must include the following:</p> <ul style="list-style-type: none"> • Clear Statement of Objectives; • Description of potential Project effects and safety hazards, through consideration of baseline conditions and sensitive receptors; • Clear documentation of all applicable legislative requirements that must be adhered to, as well as BC Hydro policies, guidelines and other best management practices that will be followed; • Clear documentation of compliance and effectiveness monitoring to be undertaken; • Description of worker qualifications and training requirements pertaining to the Plan(s); • Description of reporting requirements; and • Process for revising and updating the Operations Safety Management Plan. <p>The EAC Holder must provide this draft Operations Safety Management Plan, including all component plans, to regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups for review a minimum of 90 days prior to the commencement of operations.</p> <p>The EAC Holder must file the final Operations Safety Management Plan, including component plans with EAO, regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups a minimum of 30 days prior to the commencement of operations.</p> <p>The EAC Holder must develop, implement and adhere to the final Operations Safety Management Plan, and any amendments, to the satisfaction of EAO.</p>		<p>Panel Report Section 13.6</p> <p>Post Panel Stage Consultation</p>
74	<p>The EAC Holder must manage to ensure effective environmental protection and management throughout the operations phase by implementing measures detailed in an Operations Environmental Management Plan (OEMP). The OEMP must be developed by a QEP.</p> <p>The OEMP must include the following plans:</p> <ul style="list-style-type: none"> • Hazardous Waste Management Plan; • Ice Management Plan; 	Construction Operations	<p>EIS Volume 5, Section 35</p> <p>Panel Report Section 13.6</p> <p>Post Panel Stage</p>

No	Condition	Timing	Application Section or Supporting Documents
	<ul style="list-style-type: none"> • Vegetation and Invasive Plant Management; • Waste Management Plan (including Materials Management); and • Water Management Plan. <p>Each plan must include the following:</p> <ul style="list-style-type: none"> • A Clear Statement of Objectives; • Description of potential Project effects, through consideration of baseline conditions and sensitive receptors; • Clear documentation of all applicable legislative requirements that must be adhered to, as well as BC Hydro policies, guidelines and other best management practices that will be followed; • Clear documentation of compliance and effectiveness monitoring to be undertaken; • Description of reporting requirements; and • Process for revising and updating the Plan. <p>The EAC Holder must provide this draft OEMP, including all plans, to regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups for review a minimum of 90 days prior to the commencement of operations.</p> <p>The EAC Holder must file the final OEMP, with regulatory agencies, Peace River Regional District, City of Fort St. John, District of Hudson’s Hope and Aboriginal Groups a minimum of 30 days prior to the commencement of operations.</p> <p>The EAC Holder must develop, implement and adhere to the final OEMP, and any amendments, to the satisfaction of EAO.</p>		Consultation
75	The EAC Holder must provide its on-site project employees, contractors and sub-contractors, prior to those employees, contractors and sub-contractors starting work, with briefings on and copies of Schedule B (Table of Conditions) of the EAC and all Environmental and Safety Management Plans identified in Schedule B that are relevant to their works.	Construction	EIS Volume 5, Section 35 Panel Report Section 13.6
	DAM SAFETY		
76	The EAC Holder must conduct an assessment of the impacts of a multiple cascading dam breach, in accordance with the Canadian Dam Association Guidelines and BC Hydro’s Dam Safety Program, and share the results of that study with the Government of Alberta, FLNR and the authorities of the towns that would be affected, prior to the commencement of operations.	Construction	EIS Volume 1, Section 4.5 Volume 2, Section 11.2 Volume 2, Appendix B, Part 1

No	Condition	Timing	Application Section or Supporting Documents
			Volume 2, Appendix T Volume 5, Sections 37.1, 37.2 Panel Report Section 13.3
77	The EAC Holder must consult with the Government of Alberta and emergency management officials in Alberta, and FLNR on communication and contingency plans to address the potential occurrences of a multiple cascading dam breach, prior to the commencement of operations.	Construction	EIS Volume 1, Section 4.5 Volume 2, Section 11.2 Volume 2, Appendix B, Part 1 Volume 2, Appendix T Volume 5, Sections 37.1, 37.2 Panel Report Section 13.3
WEST PINE HAUL ROUTE TRAFFIC MANAGEMENT PLAN			
78	<p>1. The Holder must develop a West Pine Haul Route Traffic Management Plan (the “Plan”) regarding use of the West Pine Haul Route by the Holder. The West Pine Haul Route (see Appendix A of this Order) comprises Highway 97 to Chetwynd, Highway 29 through Hudson’s Hope to the Highway 29 realignment sites. The Plan must be developed in consultation with Saulteau First Nations, West Moberly First Nations, the District of Hudson’s Hope, the District of Chetwynd, and the Peace River Regional District (the “Affected Communities”) and the Ministry of Transportation and Infrastructure (MOTI).</p> <p>2. The Plan must be developed to the satisfaction of the EAO and include at least the following:</p> <p>a) Identify potential adverse effects related to traffic along the West Pine Haul Route and measures to mitigate those effects of West Pine Quarry haul truck traffic on the West Pine Haul Route, including identification of locations to monitor haul truck traffic counts and the means by which the Holder will conduct monitoring for haul truck traffic counts;</p> <p>b) The means by which the Holder will identify additional mitigation measures if the measures referred to in paragraph (a) are not sufficient to mitigate the effects identified in paragraph (a);</p> <p>c) The means by which the Holder will provide, at a minimum, monthly updates to the Affected Communities regarding the Holder’s use of the West Pine Haul Route;</p>		

No	Condition	Timing	Application Section or Supporting Documents
	<p>d) A process for communication and data sharing that must occur, at minimum, on a monthly basis with the Ministry of Transportation and Infrastructure; and</p> <p>e) Data referred to in d), at a minimum, must include records of the location of traffic accidents, the location of any traffic related fatalities, complaints received from the public, and wildlife mortality attributable to the Holder's use of the West Pine Haul Route.</p> <p>3. The Holder must provide this Plan to the EAO, the Affected Communities, and MOTI a minimum of 30 days prior to the planned commencement of use of the West Pine Haul Route for the purposes of transporting materials from the West Pine Quarry to Highway 29 realignment segments, Shoreline Protection sites in Hudson's Hope, and areas of the reservoir requiring protection during reservoir filling. The EAO may, within 30 days of receiving the Plan, advise that:</p> <p style="padding-left: 40px;">a) The Holder may proceed to implement the Plan with or without revisions; or</p> <p style="padding-left: 40px;">b) A revised Plan, must be provided for approval of the EAO prior to commencement of use of the West Pine Haul Route for the purposes of transporting materials from the West Pine Quarry to Highway 29 realignment segments, Shoreline Protection sites in Hudson's Hope, and areas of the reservoir requiring protection during reservoir filling.</p> <p>If the EAO advises that pursuant to paragraphs 3 (a) or (b) changes are required to the Plan, then the Holder must follow the instructions of the EAO in that regard.</p> <p>4. At the time of submitting the Plan to the EAO, the Holder must also provide the EAO a consultation report setting out the following:</p> <p style="padding-left: 20px;">a) A list of the invitees and an example of the invitation sent to the Affected Communities and MOTI to participate and provide their views including the timeframe for providing such views, on the Plan; and</p> <p style="padding-left: 20px;">b) How the views and information provided by the Affected Communities and MOTI to the Holder have been considered and addressed in the Plan; or</p> <p style="padding-left: 20px;">c) Why such views and information have not been addressed in the Plan.</p> <p>5. The Holder must:</p> <p style="padding-left: 20px;">a) Maintain a record of the consultation referred to in paragraphs 1 and 3 and the comments provided by the Affected Communities, MOTI and the EAO under paragraph 3, above; and</p> <p style="padding-left: 20px;">b) Provide a copy of the consultation report, required under paragraph 4 of this condition, to the EAO, the Affected Communities, MOTI, or all three parties, within 15 days of the Holder receiving a written request from the EAO, an Affected Community, or MOTI.</p> <p>The Plan, and any amendments thereto, must be implemented to the satisfaction of the EAO throughout the duration</p>		

No	Condition	Timing	Application Section or Supporting Documents
	of use of the West Pine Haul Route for the purposes of transporting materials from the West Pine Quarry to Highway 29 realignment segments, Shoreline Protection sites in Hudson’s Hope, and areas of the reservoir requiring protection during reservoir filling.		
	HIGHWAY 29 REALIGNMENT – CACHE CREEK SEGMENT, NOISE MONITORING AND MITIGATION		
79	<p>The Holder must retain a Qualified Professional to develop a noise monitoring plan to assess potential vehicle traffic noise impacts from the Highway 29 realignment at Cache Creek to the sweat lodge (the receiver location) identified in the application to amend the Certificate. The plan must be developed in consultation with West Moberly First Nations.</p> <p>The plan must be developed to the satisfaction of the EAO and include at least the following:</p> <ul style="list-style-type: none"> a) Methods to monitor noise levels at the receiver location during all four seasons, with Highway 29 operating in the: <ul style="list-style-type: none"> i. Current location approximately 235 m away from the sweat lodge (pre-realignment); and ii. Realigned location approximately 370 m from the sweat lodge (post-realignment). b) Efforts undertaken to consult with West Moberly First Nations on the draft plan and the opportunities made available to them to participate and provide their views, and how their views have been considered and addressed or why their views have not been addressed. c) The Holder must retain a Qualified Professional to develop a report and provide it to the EAO, West Moberly First Nations no later than 90 days after Highway 29 has been operating in its realigned location for one year. The report must include at least the following: <ul style="list-style-type: none"> i. Monitoring results from a); ii. Identification of noise level thresholds for post-realignment, compared to noise levels at the current highway alignment that, if exceeded, would trigger the need for mitigation; iii. Mitigation measures that the Holder will implement to reduce noise levels to below the thresholds in ii) if monitoring results in a) shows that these thresholds were exceeded; and iv. Monitoring plan to assess effectiveness of mitigation measures, if required under this condition. <p>The Holder must provide the plan to the EAO and West Moberly First Nations no later than 90 days prior to operation of the realigned Cache Creek Segment of Highway #29.</p>		