

Environmental Assessment & Regulatory Processes: The location of project components both on and off reserve lands coupled with potential fish and aquatic habit impacts ensured that a review under both the BC *Environmental Assessment Act* and the *Canadian Environmental Assessment Act* would be conducted. Pursuant to the Canada-British Columbia Agreement for Environmental Assessment Cooperation, a coordinated, cooperative assessment of the Project by provincial and federal agencies was conducted with Nlaka'pamux representative in attendance at all times.

Initiating the second 180-day BCEAO led review process; the Amended Application for an Environmental Assessment Certificate was submitted on September 11, 2008. KCRLP engaged all Nlaka'pamux communities, local governments and other stakeholders to share project information and to provide an opportunity to identify their interests and their potential concerns. These included open houses and online review/commenting.



Locating the Transmission Line Route



A formal BCEAO Assessment Report, completed on March 10, 2009, concluded the project is not likely to have significant adverse effects, based on KCRLP mitigation measures and commitments included as conditions of the EA Certificate. On March 18, 2009, Environment Minister Barry Penner and Energy, Mines and Petroleum Resources Minister Blair Lekstrom made the decision to grant an EA Certificate. The Certificate contains **74 commitments** that must be complied with by KCRLP throughout various stages of the project. Key commitments include:

- Providing fish passage around the diversion structure.
- Maintaining in-stream flows to protect fish and fish habitat.
- Developing mitigation/compensation, access management and monitoring plans in consultation with regulatory agencies.
- Commitment monitoring by an Independent Environmental Monitor.

A review conducted by Federal Responsible Authorities (Fisheries and Oceans Canada, Aboriginal Affairs and Northern Development Canada and Transport Canada) a CEAA Screening Report was issued in September 2009, and a favourable CEAA decision was made on October 5, 2009. In October of 2010, KCRLP signed written participation agreements with proximal Nlaka'pamux communities.

In addition to the environmental assessment process and Nlaka'pamux approvals; a number of project related permits and licences were also required, including:

- Aboriginal Affairs and Northern Development Canada
- Fisheries and Oceans Canada
- Environment Canada
- Transport Canada
- BC Ministry of Environment
- BC Ministry of Agriculture and Lands
- BC Ministry of Forests
- BC Hydro and BCTC
- Canadian National and Canadian Pacific Railways
- Integrated Land Management Bureau

Nlaka'pamux agreements, 3rd party approvals and the federal and provincial permits all come with conditions.



Implementation and Compliance Committee

5 Nlaka'pamux communities appointed individual members to become the point of first contact for their respective communities and who would also receive project related development, construction and operations information and then meet to on project status and commitment compliance.

ICC attendees also included the contractors, independent monitors, Innergex and when possible, federal and provincial representatives.

The ICC will continue to meet until after BC Hydro has confirmed Commercial Operations Date (COD) in writing.

Project Schedule: At this time, the Project has achieved substantial completion and contractors are demobilising from site. Electricity is been generated and KCRLP and BC Hydro are working together to complete final testing and documentation which will, when signed off, signify COD and formalise transition into operations.

The construction schedule is shown below and is followed by construction photos taken during various times during the construction period.

ITEM	2011				2012												2013								
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Access Roads																									
Cable Crane																									
Powerhouse																									
Turbine/Generators																									
Penstock																									
Intake																									
Transmission Line																									
Fish Compensation Channel																									
Commissioning																									

2011: pre-construction flyover of the powerhouse site



December 15th, 2011: a Ground Breaking event with Barry Penner



Cable Crane: bringing construction materials and personnel over the Fraser River - one piece at a time.



November 2012: Powerhouse and area coming along.



How does a run of river hydro project work? Water diverted from an intake structure is sent down a penstock to a powerhouse where the water, now under pressure, turns turbines attached to generators which create electricity.

The Kwoiek Creek Hydro project will produce approximately 230 gigawatt-hours of electrical energy per year, enough electricity to fulfil the needs of about 21,000 Canadian homes. The Project will also result in a reduction in greenhouse gases of 86,000 tonnes of carbon dioxide equivalent annually, to removing about 23,000 new cars from BC's roads.

Intake Sept 2013



Last Penstock Install Sept 2013



The Powerhouse: 1 of 4 turbine runners installed



Pole 24: looking towards Kanaka



Transmission Line: The Project includes an approximately 72 km long, 138 kV transmission line that connects the project to BC Hydro's substation near Mamit Lake (just north of the Lower Nicola Indian Band, Merritt).

December 15, 2013: the keys arrive



Rob Miller, Yvonne Scotchman, Chief James Frank, Richard Blanchet & Tom Furst

Contact Information

Proponent Contacts: For further information on the Project, please go to kwoiekcreekhydro.com or contact one of the following KCRLP representatives:

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