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Capital Projects

BC Hydro Active Major Capital Projects are shown on this [Integrated Schedule](#) on SharePoint.

The LaJoie Dam Improvement Project is still in the conceptual stage and is planning a 10 day [spring drawdown - investigative work](#). Six contracts have already been awarded to St'át'imc businesses – including Environmental and Archaeological services, on site offices, wash cars and first aid services and the major Technical Services contract which entails on site core drilling, dewatering to enable drilling and related excavation and heavy equipment. The work is scheduled to begin on Monday April 25.

The Bridge River Transmission Project (B RTP) - [refer to the fact sheet](#) – is now in the planning stage for environmental and archaeological field work set for May 2022, multiple communities are already involved, and, a St'át'imc company – Szumin'ts holds the contract for this work.

The construction schedule begins with access and clearing work in 2023 followed by line construction work in 2025.

The St'át'imc SharePoint Information Portal access now requires Multi-Factor Authentication – an instruction sheet has been sent out on how to set this up. The instructions also provide a way to contact tech support should you have a problem. If you did not receive the instructions please call Sherry Kane at SGS (778) 771-5903

Terzaghi Dam Safety Project – Provide Safe Access to Spillway Chute (GM-0343)

Overview

Terzaghi Dam is located on the Bridge River, approximately 50km upstream from the town of Lillooet. Terzaghi Dam is a 60m high, zoned earthfill dam with a crest length of 366m. There is a combined gated/free overflow concrete spillway chute and a low-level outlet located on the right abutment of the dam. The spillway is at the base of steep rock slope mostly composed of strong material, with the exception of an area of highly fractured rock that has ongoing sloughing which creates a rockfall hazard in the spillway. Hazards on the rock slope need to be addressed to facilitate safe, near-term access to the entire spillway for detailed in-chute inspection, drain maintenance, and concrete repairs, and to reduce the effort required to safely access the spillway for similar work in the future. This is one of several dam safety-related projects in development at Terzaghi over the next several years to ensure safe ongoing operation of this facility.

The Project is currently in Conceptual stage, planning to move into Feasibility in by June 2022

Activities to occur in this phase:

- Conceptual: Confirm alternative and Feasibility plan

Activities to occur in next phase:

- Feasibility:
 - Complete feasibility design plan for rock slope treatment options
 - Supply chain strategy

Current planned schedule – subject to change:

- Feasibility phase complete: November 2023
- Construction starting: 2024/ 2025
- In-service date: October 2027
- Construction of a downstream crane pad
- Rock wall scaling

Archaeology, Environment + Flows:

- Ground disturbance for crane pad, and potential impacts on habitat (e.g., bird, bat, reptile) from rock slope scaling
- Environmental and archaeology assessments to be completed to determine risk and mitigation/ monitoring requirements
- Environmental Management Plan will be developed for construction
- There are no expected impacts to water conveyance during construction or after the project is complete. The project will develop an Interim Dam Safety Risk Management Plan (IDSRMP) that includes facility recall plans prior to construction.

Procurement:

- TBD

For more information on project activities, contact:

Robyn Spencer: robyn.spencer@bchydro.com



Drone Stewardship Program with FNTC

First Nations Technology Council (FNTC) organizes a Drone Stewardship Program that introduces students to Remotely Piloted Aircraft Systems (RPAS) or drones management. The course is to prepare students for the Transport Canada drone pilot exams (Small Basic or Small Advanced). The program runs over 3 weeks with a class size of 12 representatives.

In 2021, SGS applied to be a Regional Host for two Regional Representatives, and we were accepted into the program for the March 2022 Cohort. Our representatives were Talicia Kane and Darwyn John. They both successfully completed the program with their Basic Operations Pilot Certificate and hope to get their Advanced Operations Pilot Certificate in the future. It was a great program, and we would recommend to other communities or organizations.

<https://technologycouncil.ca/drone/>



Alysha Edwards – University of Montana Department of Anthropology PhD program

Since September 2021, I have been studying at the University of Montana in the Department of Anthropology in the PhD program. Throughout this past academic year, much of my work has been focused on establishing a theoretical background in anthropology, where I’ve considered the role of decolonization and Indigenous methodologies in anthropology. Moving forward, I hope to focus more on the archaeology of the St’at’imc territory. This last semester, I’ve had the opportunity to practice lithic analysis with an artifact assemblage from the Bridge River village site (Xwisten) which has been a valuable learning experience. I’ve also presented at three conferences since September 2021 including the Annual Meeting of the Canadian Archaeological Association, the Northwest Anthropological Conference, and the Raising Indigenous Voices in Academia conference.

This summer, from May to June I will be working at the Bridge River site with Dr. Anna Prentiss where excavations of the pithouse village will continue. After this, I’ll be working with St’at’imc Government Services as a Heritage Field Assistant on various archaeology projects for the remainder of the summer.

In nearing completion of my first year in the graduate program, I’m glad I decided to study at the University of Montana and I’m looking forward to continuing my education here.





BC Hydro Indigenous Scholarships & Bursaries Program

The 2022 BC Hydro Indigenous Scholarships & Bursaries Program is accepting applications from April 1 – May 31, 2022 and we invite you to apply and share this opportunity with your networks. You can find program eligibility requirements, application forms and information on our website: https://www.bchydro.com/community/indigenous-relations/opportunities/individuals/donations_sponsorships.html

We are proud to support education and skill development in Indigenous communities. Our Indigenous scholarships and bursaries are available to Status, Non-Status, Métis and Inuit students who are residents of B.C. and are enrolled in an accredited post-secondary programs in Canada. Students in Grade 12 planning to pursue a full-time, accredited post-secondary education within Canada are also eligible to apply.

We offer the following scholarships and bursaries:

Memorial Award

- One Randy Brant Memorial Award in the amount of \$8,000 will be awarded to our top applicant, based on a combination of academic achievement, community involvement, and pursuit of a BC Hydro career.

Scholarships

- Scholarships in the amount of \$5000 are available to full-time students in degree, diploma, certificate, or technical/trades programs connected to BC Hydro careers.

Bursaries

- Bursaries in the amount of \$2000 are available to part-time students in degree, diploma, certificate, or technical/trades programs connected to BC Hydro careers.

We're looking to invest in students who are in programs related to the work we do. The following is a list of programs we consider possible stepping stones to a future career with us. If you're in a program with a different name or focus but you think is relevant to the work we do, we encourage you to apply. All applications are reviewed and considered, however, priority is given to those pursuing programs that are linked to career opportunities at BC Hydro.

Trades programs		
Foundations	Electricians	Mechanics

Machinists	Industrial mechanics	Automotive service tech
Construction craft worker	Electric motor systems tech	Heavy equipment operator
Crane operator	Power line tech	Truck and transport mechanic
Utility arborist		

Diploma and degree programs		
Engineering (mechanical/civic/electrical)	Business	Finance
Communications	First Nations studies	Environmental studies
Law	Archaeology	Human resources
Biology	Project management	Marketing
Math	Technology	Physics



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