

Lands and Resources



Pal7míntwał i ucwalmícwa múta7 ti tmícw

The land and people are together as one



March 31st, 2022- Lex Joseph's Retirement was celebrated atop of Blackcomb Mountain- We shared some songs in the frigid cold to mark his last day.

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DIRECTORS UPDATE

Welcomes and Farewells

By Lhíkminan, Harriet VanWart

On March 28th we were very happy to have Lisa Pedrini join our team. Lisa is our new Territory Land Use Manager. She is managing our land use consultations and working with the Referral Committee. Lisa brings a wealth of skills and experience to the job, and we are thrilled to have her on board.

We would also like to give a very warm welcome to Holly Bikadi who just recently joined our team as our new Data Technician. Holly has an amazing foundation of cultural knowledge that is such an asset to this position. We are looking forward to all the attention she will be giving to the organization of our cultural data.

Congratulations to Thomas Williams who was recently hired as our Cultural Technician. We are already keeping him busy in the field, presenting at community functions, and conducting cultural research for our land use referrals. We feel very lucky to have Thomas as part of our team!



At the end of March, we had a sad but joyful celebration for Lex Joseph's retirement. We all went to the top of Blackcomb Mountain to honor Lex and his many years devoted to the Lands and Resources Department. Lex has been so generous with his cultural knowledge and guidance over the years. He has left Lands and Resources with a wealth of documented stories and cultural research reports that we will continue to rely on (and Holly will be busy organizing!). But we still really miss seeing Lex every day and hearing those stories firsthand!

Maria Andrew also recently left the Lands and Resources Department as our Lands Registration Coordinator. We are very grateful for all Maria's contributions to the on-reserve lands registration process and wish the best for her in new endeavors.

Finally, it is with a very heavy heart that I will be leaving my position as Director. An opportunity for change presented itself, and my husband, Sheldon, and I decided to give it go. We will be moving to North Vancouver at the end of August where he will be taking on a new job. My last day here will be August 26th. It is hard to put into words all the emotion I feel about leaving. Mostly, I am filled with gratitude for being so warmly welcomed into this community and all the incredible people I have come to know and love over the years. When I was honored with the Ucwalmicwts name Lhíkminan, I was told it meant that I had become part of this territory. I take great comfort and pride in this name. It truly expresses that Ucwalmícw Tmícw will always be a foundational part of who I am. Kukstum'ickálap

Pipi7íyekw (Joffre Lakes Park) Update:



We continue to work with N'Quatqua and BC Parks on the implementation of our Visitor Use Management Strategy for Joffre Lakes Park. The Day Pass system will be in operation again this year and our Skel7awlh will be working at the park again.

REMINDER: Indigenous people do not need a Day Pass to go to Joffre. Just let them know at the trailhead that you are indigenous, and you are good to go!

Xzums Ti Tmicwa- Leave No Trace!

SCAN THIS QR CODE
TO VIEW OUR VIDEO!



INTRODUCTION:

Land Use Manager

Hello!

As one of the new members of the Lands and Resources Department, I would like to introduce myself. My name is Lisa Pedrini, Territory Land Use Manager. I have been privileged to live, work, and play within the Lílwat Nation for nearly 20 years. Having grown up in Saskatchewan, I have also lived in Ottawa, Vancouver and Rossland before making Pemberton home in 2003. I like to dance, roller skate, mountain bike, hike, snowboard, x-c ski, read and travel. My professional background is in Community and Land Use Planning, and I have previously worked for the Village of Pemberton, the Squamish-Lillooet Regional District and as a Sustainability Consultant. I feel very fortunate to have joined the Lands and Resources Team at the end of March 2022, and I look forward to learning more about the Lílwat Nation. I am excited to contribute my expertise to this role to ensure land use decisions reflect the core Lílwat belief that the land and the people are together as one



-Kukwstumckálap!

Proposed Geothermal Project at Q̓welq̓welústen (Meager Mountain)

The Lands and Resources Department is currently working with Council to engage in consultations with a company called Meager Creek Development Corporation who are proposing to build a geothermal power facility at Q̓welq̓welústen (Meager Mountain).

The project would use geothermal power to produce electricity, and then use the electricity to power a hydrogen production facility. "Green Hydrogen" would then be sold on the market.

The project is in early stages, and Lílwat Nation has signed a Consultation Agreement with Meager Creek Development Corporation. The Consultation Agreement sets out the terms to engage in consultation. It does not provide Lílwat Nation approval.

We are conducting the following studies to better understand potential impacts and benefits from this project:

1. Socio-economic study
This study will look at the potential social and economic benefits and/or impacts from the project for Lílwat Nation. This study includes conducting a community questionnaire.
2. Traditional Use Study
We are conducting archival research and interviews with Elders and knowledge-keepers to learn about past and potential future traditional use of the Q̓welq̓welústen (Meager Mountain) area. Traditional uses may include spiritual practices, gathering foods and materials, and hunting.
3. Environmental Assessment
We are working with EcoFish Research and Meager Creek Development Corporation to assess potential impacts the geothermal facility would have on water, plants, fish, and wildlife. This season, our Lílwat Skél7awlh will be out in the field with EcoFish Field technicians to collect baseline data.
4. Archaeological Assessment
We have completed a Preliminary Field Reconnaissance (PFR) of the area currently in use. The area was previously disturbed from logging and past geothermal exploration work. The PFR assessed the area as low archaeology potential. Further archaeology work will be conducted when we learn more about other areas of land use.



Proposed Geothermal Project Location at Q̓welq̓welústen

Proposed Geothermal Development on Qwelqwelústen



(Mount Meager)

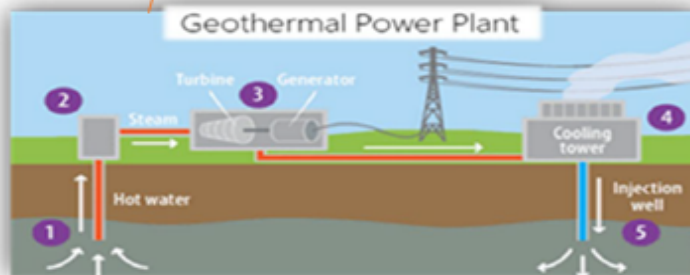


A geothermal energy development project is being proposed at the base of Qwelqwelústen (Mount Meager) in Stuqálts (Upper Lillooet River watershed).

What is geothermal energy?

Geothermal energy harnesses heat within the Earth; wells are drilled underground to tap into naturally occurring hot water. This water is used to create steam, which drives turbines to produce electricity.

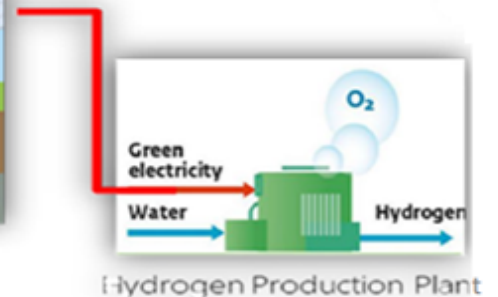
This is considered a clean, renewable energy source.



What is the Qwelqwelústen geothermal project?

The proposed project would use several existing wells at the base of Qwelqwelústen as well as develop new wells to tap into naturally occurring hot water. A geothermal power plant would be located at the base of Qwelqwelústen to produce electricity.

Electricity generated from geothermal energy would be transferred to another location and used to produce hydrogen. This is done by splitting water into hydrogen



and oxygen using an electrolyser.

Hydrogen can be used as a clean energy substitute for fossil fuels for medium and heavy-duty transportation, industry and refining, and displacing natural gas and diesel use.

The location of the hydrogen production plant has not been confirmed. One proposed location is the Rutherford area.



COMMUNITY SURVEY COMING SOON

Watch out for future opportunities to learn more about this project and provide feedback!

By Julia Poetscke, GIS and Project Manager

The Lands and Resources Department has been working with SSISC for several years to treat and remove wild parsnip and other invasive species from the community. Most of the work has been done along Lillooet Lake Road and adjacent properties.

This year, we received funding from the BC Ministry of Transportation to conduct work on invasive species in more areas of the community. This work will be done in partnership with the Sea to Sky Invasive Species Council (SSISC).

Wild parsnip is an invasive species of particular concern because it contains a highly toxic sap that can cause severe burns and blindness if it comes into contact with the skin or eyes. Wild parsnip is highly competitive and will continue to spread and outcompete native vegetation if not removed.

This summer, we will be focusing our efforts on the old reserve, where wild parsnip has been found on several properties. In May, our Skel7awlh Technicians and the SSISC conducted an inventory and mapped out where wild parsnip plants have been found. Throughout June and July, the team will be focused on removing wild parsnip as well as conducting an inventory and mapping for wild parsnip and other invasive plants on the pasture lands and neighbouring properties.

HOW TO IDENTIFY WILD PARSNIP



Yellow flowers form flat umbrella shaped clusters.



The stem is light green and deeply grooved.



Leaves have distinct saw-toothed edges.

If you suspect you have Wild Parsnip or any other invasive species growing on your property, please submit a report to SSISC at 604-698-8334 or <https://ssisc.ca/report/>.

SKÉL7AWLH: Státýemc Gathering May 8th to 10th 2022

By Roxanne Joe, Lands and Resources Co-Ordinator

The Lands and Resources would like to thank everyone who made the Státýemc Gathering possible. The lands department also enjoyed participating in the festivities.

Over the 3 days of the gathering we had a 16ft x 8ft 3D model of the Lillooet River Watershed on display at the Ullus gym. From the lands department, Lex Joseph, Maria Andrew, and elder Martina Pierre worked on the project with Stewardship Pemberton's Dawn Johnson to add Ucwalmícwts place names on the 3D model. Spectators were encouraged to share stories about the land and any possible place names they might have missed on the 3D model. The Lillooet River Watershed model was commissioned by Stewardship Pemberton and the 3D model resides at the One Mile Lake Nature Center.

On May 9th- the Lands and Resources held an honoring for our Skél7awlh and all the hard work they do protecting the land. Maxine Bruce, Territory Stewardship Manager made a powerful speech outlining the importance of salmon conservation. The ceremony was followed by a giveaway of 250 t-shirts with the branding "Ucwalmícw Tmicwa" meaning "People of the Land".

After the honoring, the Skél7awlh hosted a hiking tour to birthing rock on Mackenzie Mountain and a walking tour along the Birkenhead River. We had quite a large group on the hike to birthing rock, including the Xetolacw Immersion Students and some visitors from other nations.

Our Skél7awlh guide, Thomas Williams, brought sidewalk chalk with him and had the kids help draw in the lines on the rocks- making the image of the pictograph more prominent to see. Thomas with his drum shared a song to honor the space. It was a great experience for all.



SKÉL7AWLH: *Out on the Land Spring 2022*

Here are a few photos of what the crew has been up to this spring!

Pictured below the Skél7awlh assisting in the removal of invasive plant species, Wild Parsnip, in the Mount Currie Pastures May 2022 as described on Page 6.

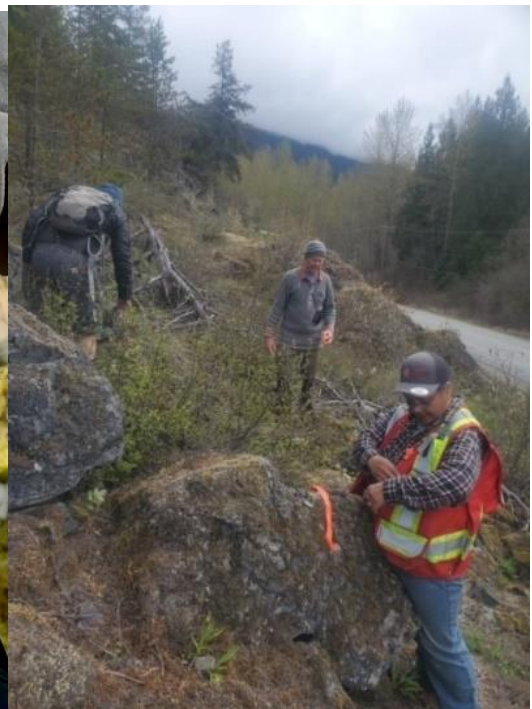


In April, the Skél7awlh participated in the Sharp-tailed Snake Habitat and Population assessment.

The sharptailed snake are considered a species at risk. They are hard to find, and they spend most of their life underground, on edges of Douglas fir forests, south facing in small rocks and cracks in bedrock. These snakes can be anywhere from 3-30 cm long, and as thick as a large earth worm.

If found in the Pemberton and Mount Currie area, we would like to encourage people to not disturb their habitat if found.

Kúkwstumúlhckacw Skél7awlh Niki Godfrey for her research write-up on the Sharp-tailed Snake.



SKÉL7AWLH: Out on the Land Spring 2022 Continued...



Líl'wat Nation worked in collaboration with Pemberton Valley Dyking District on flood mitigation and safety for the communities. This included the North Arm Channel Culvert Replacement Project that took place on IR1.

During that time, our Skél7awlh helped by relocating small fish trapped in the waters of the culvert. They used a technique called "electrofishing."

Electrofishing is a technique commonly used by scientists and fisheries technicians to survey rivers and assess what fish are present. When done properly, it stuns fish for a short period allowing them to be removed carefully with a net, examined, and then returned alive with no permanent harm done.



Top: Misha Gabriel
Electrofishing at the North
Mar Channel Culvert
Replacement Project, April
2022

Left: Example of the large
replacement culvert to
help mitigate flooding.

Right: Checking the size of
the young salmon before
relocating.



Job Posting:



Title: Skél7awlh (Steward/Technicians) for:

- Fisheries Field Surveys,
- Environmental Monitoring, and
- Archaeological Field Assessments

Location: Mount Currie, B.C.

Status: On call Casual & Temporary Full Time (May 23 – October 1, 2022)

Reporting to: Líl'wat Territory Stewardship Manager

Wage/Salary: Ranges from 17.00 to 19.00/hour

Summary:

We are seeking candidates to fulfill the roles of First Nation Skél7awlh (Stewards) for Fisheries Field Surveys, Environmental Monitoring and Archaeological Field Assessments.

The Skél7awlh will work together under the supervision of Líl'wat Nation Territory Stewardship Manager. The Skél7awlh will be expected start and finish each day of work at the Ullus Community Complex office in Mount Currie, and travel to areas within and beyond the Líl'wat Territory to carry out field work duties. Some office time will also be required for data entry and reporting tasks.

All COVID-19 safety protocols will be followed.

Key Responsibilities and Deliverables:

- Collection of fish and fish habitat data, environmental monitoring, and archaeological field data
- Computer data entry duties
- Take part in debriefing work, risk management discussions, and work collaboratively with other Lands and Resources Departmental and staff as needed.
- Follow all COVID-19 safety protocols

Mandatory Qualifications:

- Must be 18 years of age or older
- Must be physically fit
- Must be willing to work outside in all weather conditions
- Must be willing to work effectively as a team
- Motivated, a positive attitude, and a general interest in cultural and conservation work

Desirable Qualifications:

- Valid BC Driver's License
- Interest in Líl'wat territory, culture and history
- Accustomed to working in a variety of weather conditions
- Experience with public relations and communication
- Training and/or certification:
 - Environmental Field Skills
 - RISC Archaeological Field Certification
 - Fisheries Field Technician Certification

Please submit a cover letter and your resume to this page <https://lilwatnation.easyapply.co/> or to: Roxanne.Joe@lilwat.ca Land and Resources Department, P.O. Box 602, Mount Currie, B.C. V0N 2K0

We thank for your interest; however, only those candidates selected for an interview will be contacted