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Front and Back cover photos by Chelsea Atkinson from Xáxtsa

St'át'imc Organizational Purpose

St'át'imc Government Services (SGS) represents 10 communities: N'Quatqua, Samahquam, Sekw'el'was, Skatin, T'it'q'et, Ts'kw'aylaxw, Xa'xtsa, Xaxli'p, Tsal'alh and Xwisten. We implement the programs from the St'át'imc - BC Hydro Agreements for the benefit of the collective interests of St'át'imc. SGS supports and promotes St'át'imc unity principles and the laws of the land as provided by the Elders (Nxekmenlhalkálha Iti tmicwa) to ensure that cultural integrity is maintained and enhanced.

Mission

Operate as an efficient organization that coordinates and provides advisory services, capacity building, partnership and relationship building, and cultivates opportunities in the areas of lands and resource, heritage and culture, stewardship, BC Hydro relationship, business opportunities, education and training, and service delivery programs.

Our Values

St'át'imc Government Services is guided by the following values:

Trustworthy and Ethical

SGS values respect. Honesty and integrity, our stewardship Values of tmicw (the land); the interconnectedness of our language, culture and heritage with the land; and the protection and sustainable management of our shared resources for future ucwalmicw St'át'imc people of the land by only taking what we need.

Community Centred

SGS values the needs and interests of ucwalmicw; respects our needs and rights (safety, education, health, dignity and self-determination) and respects our history, our language and our culture (knowledge, ucwlmicwts – language, and practices).

Unity

SGS values and strengthens our interrelationships, and the interdependence amongst our Ucwalmicw, communities, Nation and our Creator

Strategic and Competent

SGS is committed to lifelong learning that improves individual and organizational capacity and standards, which is reflective of our traditional leaders' roles. Our leaders, at all levels, strive to be highly competent, skilled, adaptive and innovative to meet evolving needs.

Message from the Co-Chairs

Susan James, SGS Board Co-Chair Chantel Thevarge, SGS Board Co-Chair

This year St'át'imc Government Services (SGS) once again experienced exceptional challenges with the continued impacts of Covid-19 and the devastating wildlife season in the interior. Many of our members and staff faced Covid-19 lockdowns in their communities as well as evacuations due to unpredictable and fast-moving forest fires.

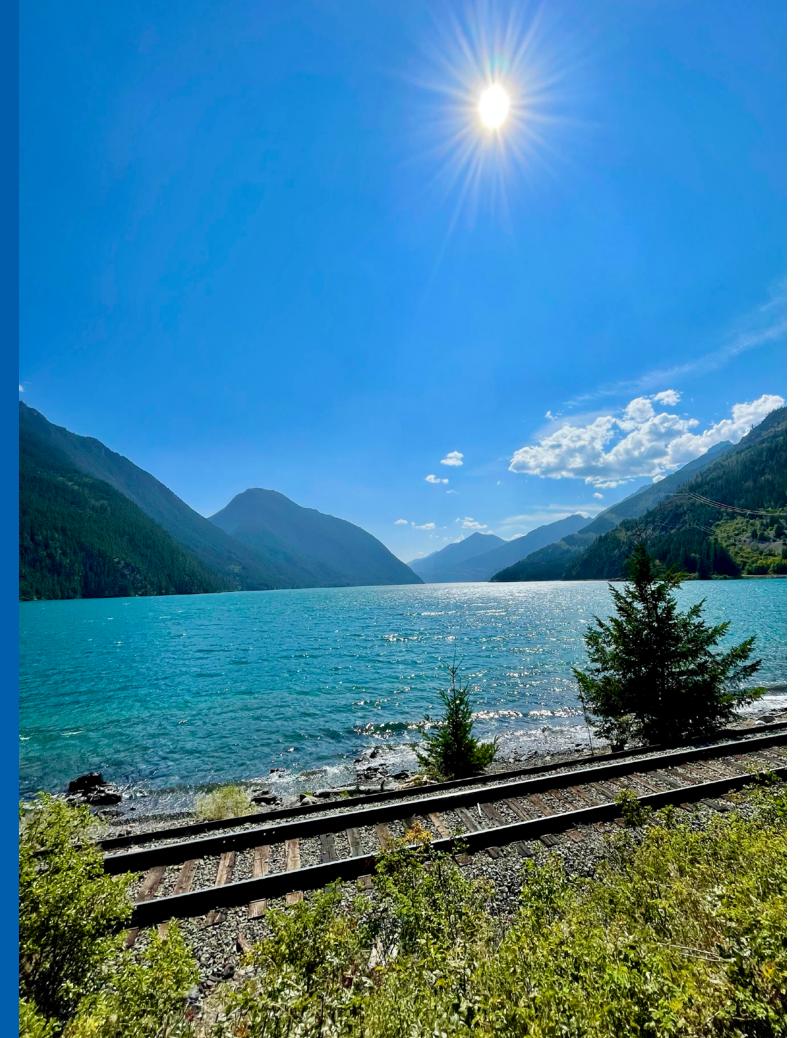
Despite these, SGS was able to make continued progress against our commitments in the St'át'imc-BC Hydro Agreement and we are pleased to report on the achievements, challenges and lessons learned of the past year throughout this report. We strive to be transparent and accountable in stewarding the commitments of the agreements for our Nation.

We welcomed new members to our board and staff in the past year. We strengthened our staffing component of the Environment team and, in partnership with BC Hydro, added a new Communications Specialist position for the next 2 years to support an important effort to share information to St'át'imc communities about current and upcoming BC Hydro projects in the territory.

Progress also continued in our Education Department which continued to distribute scholarships and coordinated several important training opportunities. The work of the High Flow Settlement, through the Joint Planning Forum and Capital Planning

Manager position, also moved forward. We are also pleased to report that SGS continues to directly support capacity development of St'át'imc members with training and mentorship and we hosted 4 St'át'imc youth across 3 departments to provide valuable, hands-on experience. We also benefitted from the passion and creativity these young people brought to SGS. Finally, the Relations Department coordinated a number of significant engagement opportunities to provide feedback on upcoming BC Hydro work throughout the territory.

We would like to thank and recognize SGS staff and fellow board members for their dedication and commitment to the work despite the challenges we faced in the past year, as well as the efforts of St'át'imc communities and leadership in their participation on engagements and projects with SGS. These efforts are important and appreciated to move our Agreements forward.



Message from the Administrator/ Implementation Manager

Another year has passed with many successes and challenges as an organization. We are very pleased to provide an annual summary of work we did at SGS in my second year as SGS Administrator. Our ongoing commitment each year is the advancement, promotion, development, and improvement of services in the delivery of programs to all St'át'imc. Once again, I want to acknowledge all the hard work that past/current leadership and staff have done up to this point. Our annual report is an excellent opportunity for us to highlight our successes, challenges, and goals moving forward.

This past year has been very challenging with the continuing impact of pandemic along with the addition of a very busy wildfire season and its devastating affects to St'át'imc Territory and our neighbours to the south in Lytton. Given these challenges, we aimed to strike a balance of continuing programming where appropriate and respecting the evacuation orders some communities were under and the travel restrictions during Covid waves and postponed some activities until communities could fully participate.

I am pleased to report that we were able to make good progress in strengthening our organizational effectiveness by welcoming 2 new full-time staff to fill various vacant or new roles within SGS, and we also were able to host 4 St'át'imc youth as summer

students in our Environment, Heritage and Relations departments to provide quality learning and development experiences. We were also able to successfully support education and training opportunities remotely through project management courses as part of the UBC Sauder Project Management Certificate, environment training and career practitioner development training. Capital planning work was also able to proceed and we hosted quarterly capital planning updates and saw opportunities awarded to St'át'imc businesses through the High Flow Settlement Agreement.

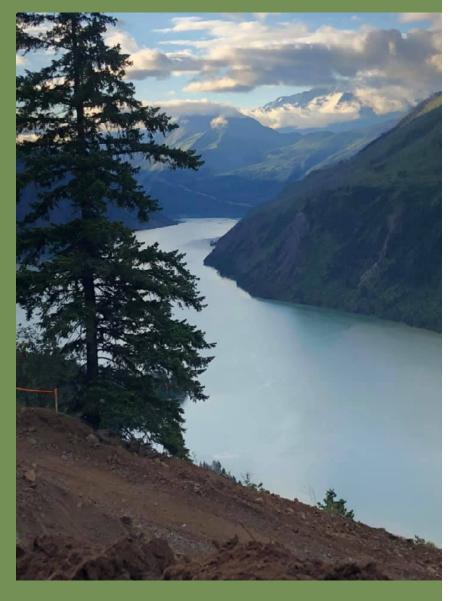
Some other highlights this year included implementing our ongoing commitment to improving communication with communities. Working with BC Hydro, we've brought on one full-time Communication Specialist position within the organization for that specific purpose. Communication with communities was an area that needed to improve, and I am proud of how we've evolved in handling the new direction with being more engaged. Our staff's ability to deal with communication during a pandemic continues to be very efficient as we continually look at ways to ensure information gets distributed when needed and we were able to host many time-sensitive engagements virtually, such as presentations on the Laloie Dam project and BCUC application for the Bridge River Units 1-4 replacement project.

For the safety of our staff and to respect the wishes of communities, we postponed other engagement such as an in-person Annual Operations Update, community and field visits for Heritage projects and our golf fundraiser. We look forward to meeting in-person for these engagement when it is safe to do so. This year projects have had many setbacks due to the very hot and dry wildfire season and Covid, but we have still managed to move forward with BC Hydro and communities.

We will continue look to grow our programming and continually learn and identify what is working and what is not. As St'át'imc, we are confident we will continue to grow as a Nation in all areas. Improved planning and implementation as well as ongoing leadership support are allowing staff to continue their work while ensuring our commitments to St'át'imc are being met.

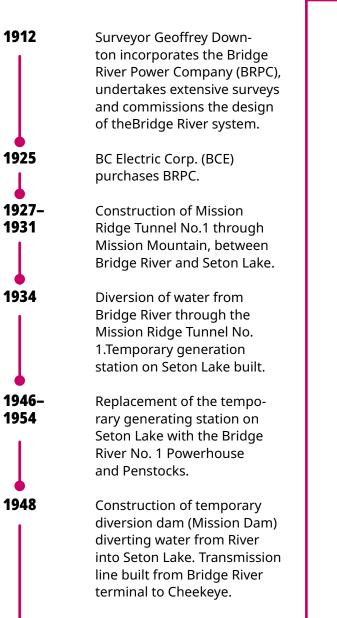
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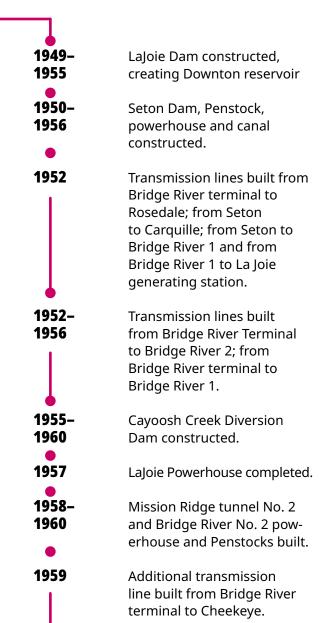
Bobby Watkinson, SGS Administrator/ Implementation Manager

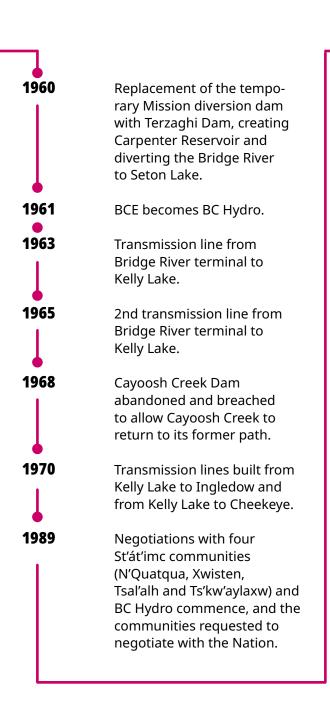


St'át'imc Government Services 2020/21 Annual Repor

History of the Bridge River Project and St'át'imc/BC Hydro Relationship







1993 St'át'imc and BC Hydro sign a negotiations protocol agreement. 2011 May 10, 2011, St'át'imc, BC Hydro and the

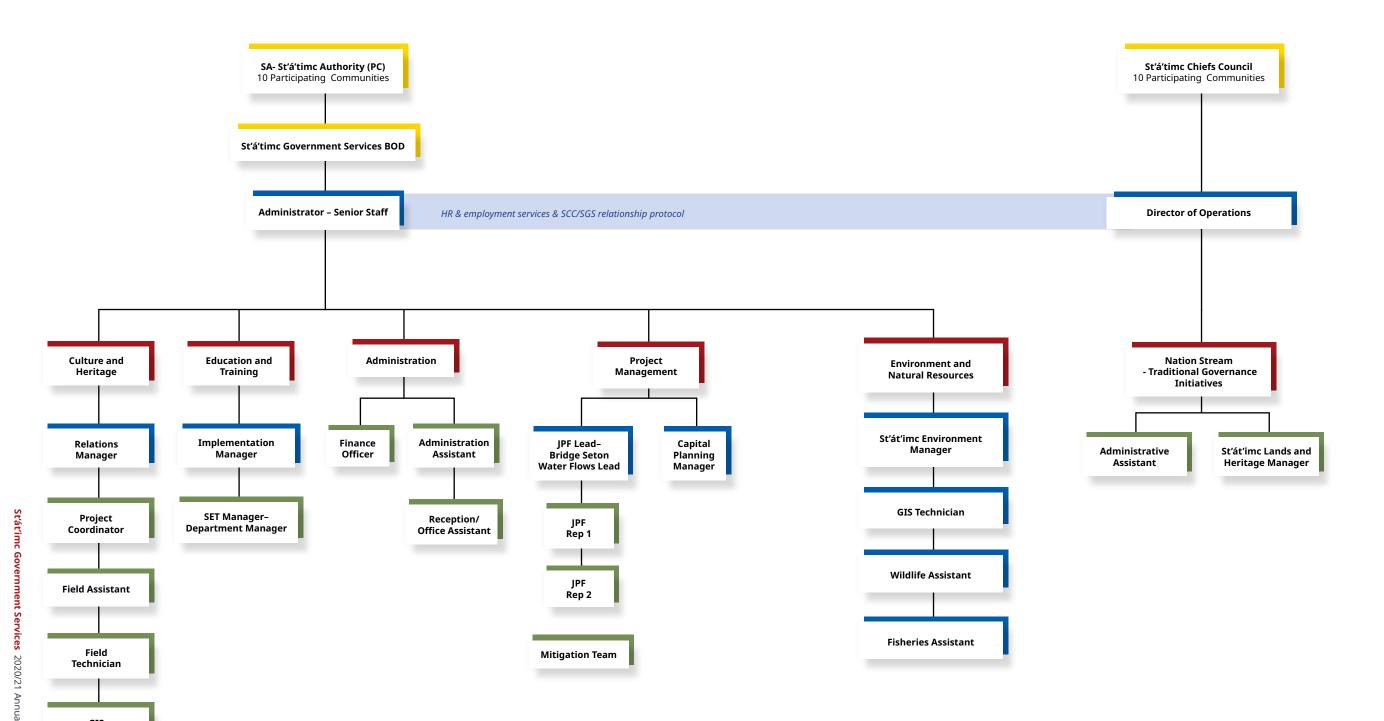
2019

Province sign the St'át'imc Agreements. Payments for Education and Training 5 years; Culture and Heritage 5 years; Environment 100 years. Administration payments 100 years. Relations Agreement is a living agreement. Nation payments to the Trust for 50 years.

St'át'imc and BC Hydro sign the High Flow Settlement Agreement to fund mitigation and enhancement projects for the Lower Bridge River and confirm contracting opportunities for St'át'imc businesses.

St'át'imc Organizational Chart

Technician



10

Administration

Bobby Watkinson, Administrator/Implementation Manager Meaghan Hume, Relations Manager Margaret Michell, Administrative Assistant **Taya Rankin**, Reception



Image Above: Getting the inflatable boat ready with St'at'imc Heritage team

Relations and Implementation

The Relations Manager works with St'át'imc community to ensure that St'át'imc interests and values are upheld in the BC Hydro-St'át'imc Settlement Agreements. This involves distributing information, convening and hosting meetings and working to understand the priorities of St'át'imc leaders and membership.

BC Hydro Notifications

This past year SGS received 88 BC Hydro notifications for work in the St'át'imc Territory. 87% of the notifications were for work in/ near the communities. The type of notifications received were:

- Emergent pole replacement 15
- Vegetation maintenance 15
- Data collection 2
- Distribution pole replacement 7
- Environmental incident 2
- Safety incident 1
- Other 28
- Filming 1
- Road maintenance 6
- Building access road 2
- Site check 6
- Power outage 3

Events/Meetings

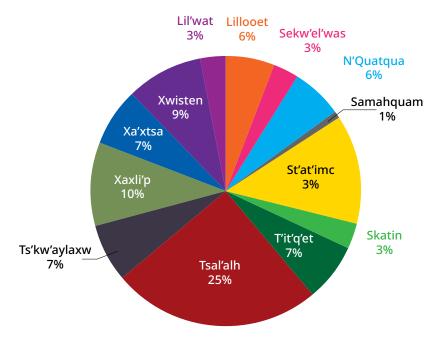
June 2020 – Virtual Check-in Meeting

In 2020 SGS and BC Hydro hosted a Virtual check-in meeting to discuss BC Hydro's COVID-19 response, project information updates, the notification process, and discussion on way to provide opportunities to connect.

October 2020 - Bridge River 1 **Generating Station Units 1-4 Replacement Project Meeting**

Overview of the need for the replacement of generation equipment in the Bridge River 1 powerhouse. Sharing information on the project and high-level approach to the work, as well as more detailed information on potential implication to water management

2020 BC Hydro Notifications



in the system and socio-economic impacts within communities.

November 2020 - LaJoie Dam Improvement Project Information Sharing

SGS and BC Hydro hosted a virtual meeting open to all St'át'imc Community members to share information about the alternatives being considered by leadership and to gather community input about interests and concerns regarding the project.

December 2020 - Reservoir **Archology Workshop**

The Heritage team shared information with community members about the findings of the 2020 field season.

BC Hydro Opportunities

BC Hydro shared ten opportunities that St'át'imc members could apply for. Seven opportunities were for BC Hydro jobs, three for education opportunities, and one was equipment disbursement.

Results of the 2020 opportunities

- **3** St'at'imc received awards (2 \$5,000 Scholarships and 1 \$1,000 Bursary)
- 1 St'at'imc hired onto BC Hydro
- 1 St'at'imc member doing co-op with BC Hydro
- **16** participants in a Project Management Course

BC Hydro opportunities are shared with the 11 communities via email through Community Points of Contact, Receptionists, and Education Coordinators. The opportunities are also posted to SGS social media. These ten opportunities reached 21,975 people on St'át'imc Facebook page and were shared 264 times.

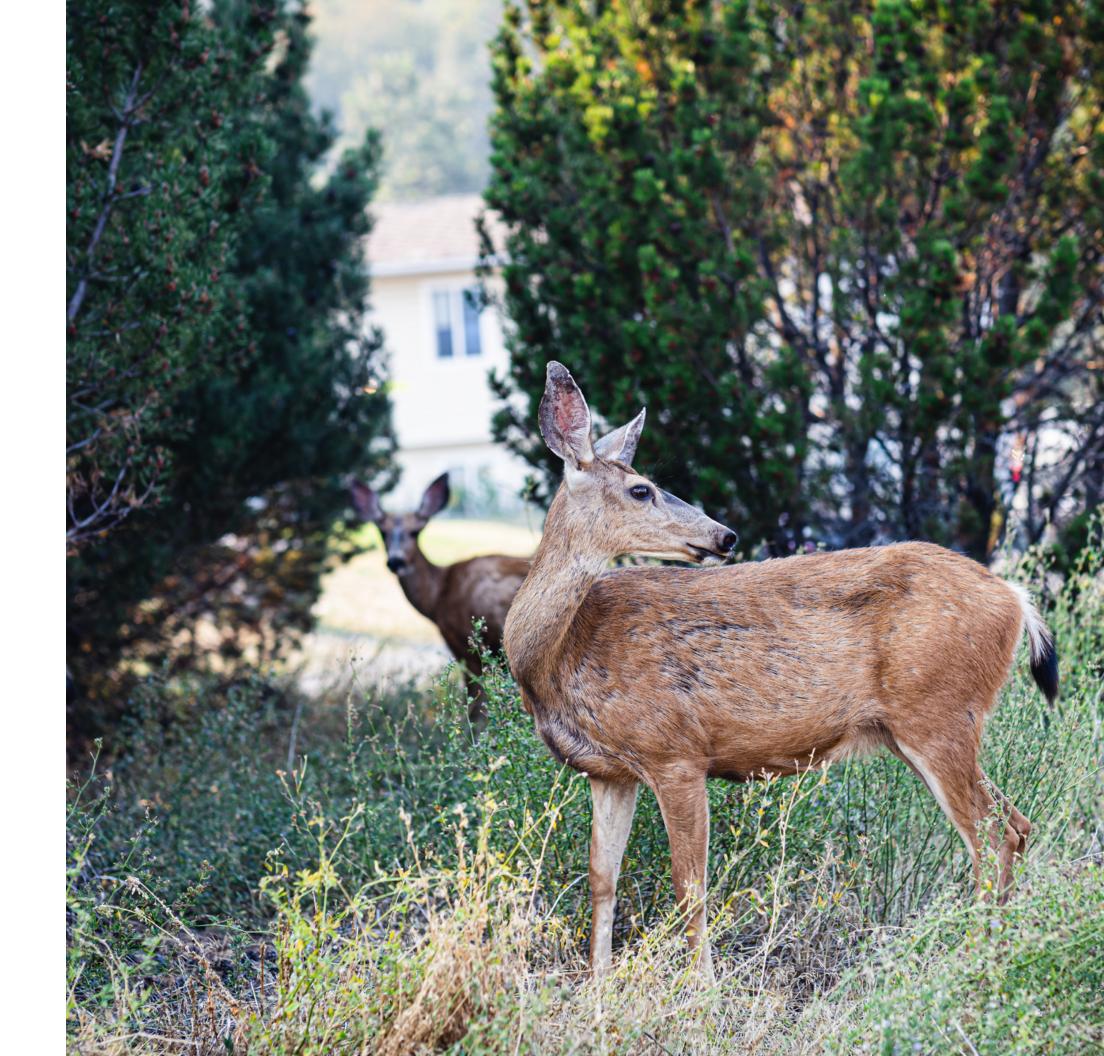
Challenges

No data on whether any St'át'imc applied for previous BC Hydro opportunities. Moving forward BC Hydro will collect and share this data with SGS so we can see how many St'át'imc are connecting/applying with BC Hydro. This information will help SGS identify how to support and improve the application process for St'át'imc members including preparation support, recommendations to integrate cultural safety and inform our training programs.

Successes

Since 2013 there have been 19 St'át'imc that have worked with BC Hydro and six are still employed with BC Hydro. (The only communities that have not had members represented in these stats are Samahquam and Skatin).

- **12** Youth Hires
- 2 Co-ops
- **1** Service Rep.
- **1** Operations
- **1** Procurement
- **1** Trades
- **1** Planner



Culture and Heritage

The projects conducted by the SGS Heritage Team are directed by the Archaeological Management Plan, outlined in the Settlement Agreement. Our work focuses on monitoring BC Hydro's potential impacts to culture and heritage and documenting unrecorded sites in the Territory.

We work as a team to protect, preserve, and manage of all aspects of St'át'imc Heritage.

Team members

Chester Alec (NRT Cert.) – Heritage Field Assistant Samual Copeland – Heritage Field Technician Alysha Edwards (B.A.) – Heritage Field Technician Nadine Gray (M.A.) – Heritage Project Coordinator Talicia Kane (B.Sc.) – Heritage Field Technician and GIS

Archaeological Management Plan (AMP)

The work completed between 2012 to 2017 focused on mitigating past impacts by BC Hydro. Since that time, there have been changes in the operations of BC Hydro, which now include addressing heritage concerns in advance of planned works. This change has led to the Heritage Team working with BC Hydro during project planning stages to ensure heritage sites are protected. Examples of this work include the As-When Projects, the Reservoir Archaeology Program (RAP) and the Seton Lake Erosion Mitigation Program (SLEMP) discussed below.

One component of the Archaeological Management Plan that continues is the Heritage Inventory and Assessment Project. This project is designed to document known heritage resources in St'át'imc Territory which have not been fully recorded or documented. Each community has been asked to make recommendations on heritage sites to be included in the field study. Due to Covid-19, engagement with St'át'imc communities has been limited and field work was postponed. Future work will include meeting with communities, selecting sites and locations, documenting the heritage sites and storing the data in Trailmark.

Trailmark is a secure, web-based GIS platform with mobile data collection, a web survey tool and digital file storage. This platform will be used by the Heritage Team to to capture, store, analyze, manage, and present all types of spatial data from our past as well as ongoing heritage projects. The Trailmark Hub will be developed to create Community Hubs where we will share information about Heritage projects with communities.

Current BC Hydro Projects

One component of our work program is to monitor BC Hydro activities and ensure the protection of heritage resources. This work includes contracts for several BC Hydro Programs and Projects.

Currently, SGS Heritage has 4 active contracts with BC Hydro.

- The Reservoir Archaeology Program (RAP) for Carpenter, Downton and Seton;
- Seton Lake Erosion Management Plan (SLEMP) including the Seton Buoy data collection and inventory of erosion location on Seton Lake;
- As When Contract for on-call Pole Replacement Monitoring, Erosion and Mitigation Work and/or Erosion Control Studies;
- 4. Bridge River Environmental Support Services for archaeology assessments, land use studies, monitoring plans, environmental field support, environmental assessment support and other environmental support services as required.

Reservoir Archaeology Program (RAP)

Through a Service Agreement between SGS Heritage and Wood PCL, an archaeological inventory was initiated for the Reservoir Archaeology Program (RAP) at Downton and Carpenter Reservoirs and Seton Lake during the summer of 2018. Archaeological survey work and recording of archaeology sites were conducted during the 2018, 2019, 2020 and 2021 field seasons. The RAP is a provincial program that ensures that all BC Hydro Reservoir operations comply with the BC

Heritage Conservation Act. Working with the Archaeology Branch, the Ministry of Forest, Lands and Natural Resource Operations and affected First Nations, the RAP assesses and manages impacts to protected archaeological sites within the active erosion zone. The active erosion zone is the area between the lowest and highest water values and the set back area is the area expected to erode during the operational life of a reservoir. The inventory work is not intended to survey 100% of the lands. The RAP work strives to complete an inventory sample of the types of archaeology sites in the lands in the active erosion zones of a reservoir.

The RAP has two phases:

Phase 1: Inventory and Assess sites and then develop a management plan. Phase 2: Implement the Archaeological Management Plan for each Reservoir.

RAP St'át'imc Field Crew for Carpenter and Downton Reservoir and Seton Lake

The crew conducts archaeological survey to locate unregistered sites, record archaeology sites and re-visit previously recorded archaeology sites to assess their condition.

Due to Covid-19 concerns, the 2021 crew consisted of SGS Heritage and Culture staff Chester Alec (SGS), Alysha Edwards (SGS), Samual Copeland (SGS) and Nadine Gray (SGS/GWR Heritage) and one archaeologist from Wood PCL for a total of 17 field days in May and September 2021.

Results of the Reservoir Archaeology Project - Inventory

Downton Reservoir

The inventory identified 3 unrecorded archaeology sites in 2018, 7 sites in 2019, 6 sites in 2020 and 4 sites in 2021. The high avalanche risk in 2021 restricted the survey area to lands within 9km of LaJoie Dam. Prior to the 2018 RAP field work there were no recorded archaeology sites within the draw-down zone and set back area.

Since we began the RAP work, at total of 20 archaeology sites have been recorded within the active erosion and set back zone of the Reservoir.

Carpenter Reservoir

The inventory identified 4 unrecorded archaeology sites in 2018, 1 site in 2019, 6 sites in 2020 and 4 sites in 2021. Thirteen previously recorded sites have also been revisited during the course of field work. Six of the previously recorded sites showed evidence of erosion, some with active erosion with impacts occurring within the set back area of the Reservoir.

Seton Lake

The inventory identified 6 unrecorded archaeology sites in 2018, 10 sites in 2019 and 1 site in 2020. The 2021 fieldwork focused on shovel testing and detailed mapping of previously recorded archaeology sites. Specifically, two archaeology sites that were recorded in the 1970's were only identified as an X on a large-scale map. Work in 2021 completed the shovel testing program and detailed mapping of archaeological features. All registered archaeology sites within 30m of the shoreline are being assessed for impacts from erosion and wave action from BC Hydro's operations on Seton Lake. An inventory of high-risk erosion sites are encompassed within the ongoing SLEMP work discussed below.

RAP Proposed Work for 2021-2022

After discussions with St'át'imc Communities, further inventory work ranging from 5 to 7 days of field work, is proposed for each Reservoir. This work will be conducted under the terms of a Heritage Inspection Permit issued by the Archaeology Branch. Once the heritage inventory work is complete, an Archaeological Management Plan for each Reservoir will be prepared by SGS Heritage and implemented by SGS and BC Hydro.

Seton Lake Erosion Mitigation Plan (SLEMP)

The St'át'imc PC Settlement Agreement (Section 5.3) and the Water Act Order issued by the Comptroller of Water Rights to BC Hydro in 2011 identify the requirement for BC Hydro to develop the Seton Lake Erosion Management Plan (SLEMP). The primary objective of the initial phase of SLEMP is to implement, develop and deliver an effective long term program which includes the completion of a ranked inventory of erosion sites and addresses moderate and high risk shoreline erosion issues for Seton Lake and Seton River with particular reference to heritage, cultural and aesthetic resources that may be affected.

We held community meetings with Tsal'alh and Sekw'elw'as in 2018-2019 to discuss how to proceed with remediation work at two known high risk erosion sites. During these meetings, additional sites were identified as moderate to high risk of erosion on Seton Lake and Seton River. From these meetings, SGS Heritage compiled an inventory list of moderate to high risk erosion sites. The 2019-2020 SLEMP work included site visits to high and moderate erosion locations with a technical team including the SGS Heritage Team, two geomorphologists, a geotechnical engineer, and an archaeologist. Site visits were conducted at 3 high risk erosion sites, selected by the communities, with site specific conceptual design engineering plans to reduce erosion at these locations.

In an on-going effort to understand and mitigate erosion, a buoy was deployed on Seton Lake in September 2020 to collect wind and wave data for the next two years. The buoy collects wind and wave intensity, duration and direction on Seton Lake. This data will contribute to a better understanding of wind and wave effects on the shoreline of Seton Lake and assist SGS Heritage with subsequent phases of SLEMP.

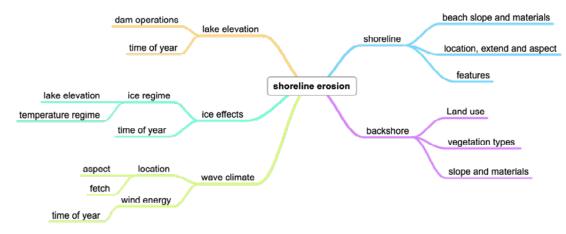


Figure Caption: Factors and Processes Considered for Erosion Risk

On the right hand side of the figure, the site physical characteristics are featured which would form the basis of the initial site prioritization under the framework. On the left hand side, are the processes and external conditions influencing shoreline erosion. All of these features are specific to each location.

SLEMP Prioritization Tool

Archaeological data including updated site boundaries because of the Reservoir Archaeology Program work on Seton Lake has led to a better understanding of sites that have the potential to erode as a result of reservoir operations. The updated archaeological data helped with the development of a GIS based prioritization tool. The prioritization tool was developed as a decision-making tool to identify priority sites.

Data on archaeology and heritage sites are compiled, linked to a specific location on Seton Lake and queried using the categories of cultural significance, site type, observed erosion, loss of site integrity (observed/ assumed based on water levels), portion of the site being eroded or potentially eroded, shoreline type, proximity to other sites and property ownership.

The fundamental concepts used in the prioritization are as follows:

- In order to mitigate impacts to a site, data assessing the level of disturbance and types of disturbances to the site must be known.
- 2. Disturbances are generally assumed to occur as a result of current operations of Seton Lake as part of the integrated Bridge River Project.

- 3. Integrity of a site is dependent not only on disturbances at the site scale, but also at the landscape scale within which the site resides. Shorelines are linked to backshore processes occurring along the steeply-sided slopes.
- 4. The degree and intensity of erosion at a site dictate the most appropriate mitigation strategies that have the highest probability of achieving successful site protection.

With these considerations, quantitative ranks (e.g., low, medium, high) are employed. This ranking is not intended to correlate to St'át'imc heritage values as all heritage and contemporary use sites in the Territory are considered significant and important locations. Quantitative ranking simply provides a way to prioritize sites to better determine a specific outcome (e.g. do nothing, monitor or restore).

On Seton Lake, the primary factors and processes controlling erosion risk are thought to include beach and shoreline types, range and frequency of water levels, wind wave climate, temperature and precipitation, and upslope and shoreline sediment transport processes.

The identified site characteristics are evaluated and captured through screening, similar to the process outlined below.

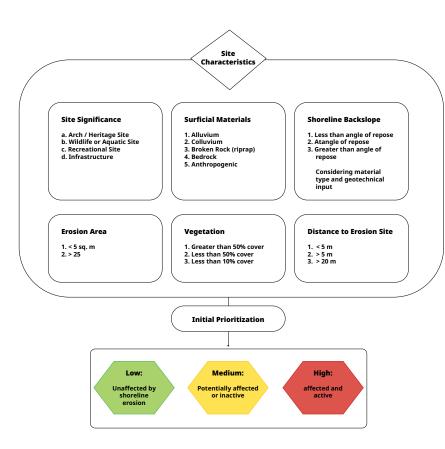


Figure Caption: Process for Evaluating Site Selection

The initial prioritization screening was completed with 23 locations identified. In an effort to test the prioritization screening and gather additional data, site visits were conducted during May and June 2021 to 18 registered archaeology sites within 30m of the shoreline. An archaeology data sheet and geomorphology/geotechnical data sheet were completed for each location. These two data sheets were then collated into a single spreadsheet that used a numerical ranking system (1,2,3,4,5) to consider erosion risk. Preliminary results ranked 4 sites at High Risk and 14 sites as low risk. A recommendations report, currently being drafted, will provide the basis for BC Hydro to apply for funding. Community engagement work is planned for the Fall of 2021 to discuss the known sites and identify additional locations. As more data becomes available, the prioritization tool becomes more comprehensive, and the sites visit locations can be targeted.

As-When Contract

Between January and September 2021, the Heritage Team spent 48 field days monitoring 60 pole replacements for BC Hydro.

See the charts "field days per project type" and "field days with company"

Bridge River Environmental Support Services

This is an as-when needed contract for archaeology assessments, land use studies, monitoring plans, environmental field support, environmental assessment support and other environmental support services. During 2020-2021 three projects were completed under this contract.

- Cultural Monitoring for the Bridge River T3 replacement project.
- A draft of Heritage Resources
 Management Plan for the BC Hydro Bridge River System.
- 3. A literature review of published documents for the LaJoie Dam Project. The report entitled, St'át'imc Cultural Overview of the LaJoie Dam Project Area, was a desktop assessment to inform the selection of the leading alternative in consideration of traditional use and ecological knowledge. The objective of the desktop assessment includes:
 - Summarize existing information (update and expand upon information presented in the Water License Renewal Water Development Plan);
 - Compare project alternatives given existing information and potential project effects associated with each alternative;



Image Above: BN screening with Douglas College

3. Identify potential data gaps that may require additional study in subsequent stages of the project.

Culture and Heritage Capacity Building

The Heritage Team strives to provide heritage work experience for St'át'imc through field opportunities on the Reservoir Archaeology Program and the As-When Monitoring work. In 2020-2021, our team employed 4 full time St'át'imc staff, one part time staff and 3 on-call St'át'imc heritage workers. As a team, we maintain safety training certification (BC Hydro PSSP, Swift Water and First Aid)

as well as attending GIS workshops, professional development courses and project management training.

Upcoming Initiatives

The Heritage Team will continue to work on the Heritage Inventory Project, the RAP and SLEMP contracts, and annual monitoring projects for BC Hydro developments including upcoming opportunities at the LaJoie Dam Improvement Project. We also anticipate on going working relationships with Wood PCL, Ursus Heritage Consulting, Terra Archaeology, Summit Blasting and Crane Creek Enterprises.

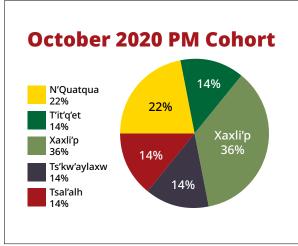


Education and Training

Mandate

The St'át'imc Education and Training (SET) program promotes quality education and training to ensure St'át'imc members, individually and collectively, are prepared for opportunities to meaningfully participate in their communities and the economy.





Project Management **Training**

SGS and BC Hydro offered Project Management Fundamentals, the first of five courses in the Project Management Online Certificate Program with UBC. This training was selected as priority by St'át'imc Businesses and BC Hydro.

16 applicants were funded in the first cohort (October 2020). 78% of the first cohort of Project Management students were from North St'át'imc Communities and 22% from Southern St'át'imc Communities. We had 100% completion rate with an average grade of A- (82%)

With so much interest in the Project Management Course a second Project Management Fundamentals course was advertised. Seven applications were selected for sponsorship.

71% of the sponsored applicants were from a Southern community and 29% from a Northern Community.

To-date Seven of the 11 communities have been sponsored for the Project Management Courses.

The first two cohorts of the Project Management course have a combined sponsorship of 13 (62%) from Northern Communities and 8 (38%) from Southern Communities.

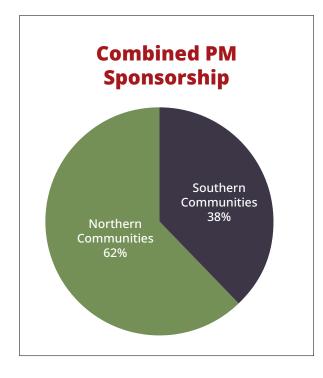
Next steps are to continue offering the Project Management courses in 2021. The goal is the have St'át'imc members complete the UBC Certificate in Project Management and potentially complete the Project Management Professional designation.

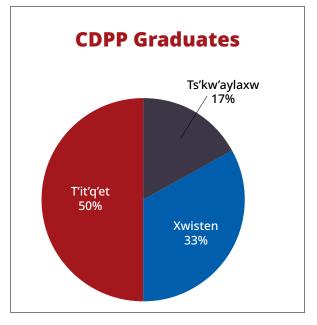
Career **Development** Certificate **Program with Douglas College**

The program originally started in January 2020 with 17 students (20 seats) but due to COVID-19, halted in March 2020. The program continued online in September 2020 with only nine students returning to the program. All 13 courses have now been offered to the St'át'imc Cohort and to date four have graduated from the program with two more completing courses and scheduled to graduate in Fall 2021 and Winter 2022. The program will see six complete the Career Development Certificate Program with Douglas College.

Challenges

The Pandemic interrupted and halted the program for five months. During that time eight students moved on to other jobs, training, and opportunities and did not return to the program in September 2020. Since February 2021 three more students drop from the program, leaving us with a class of six students. Our completion rate will be 35%.





Successes

All 13 of the program courses have been offered to the St'át'imc cohort. The program will provide certification to six participants from three St'át'imc communities (five are St'át'imc members). Five of the participants are from three St'át'imc communities.

St'át'imc Lifelong **Learning Scholarship** and Bursary **Awards Program**

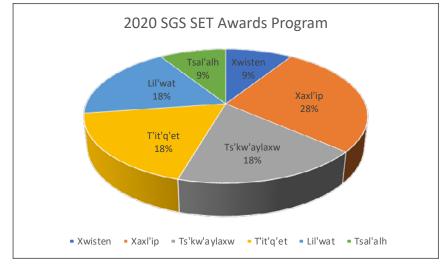
Winter 2020 Intake

Seven applications were received, six applications were reviewed by the committee. One application was not reviewed due to missing documentation. Five Bursaries and one scholarship were awarded for a total of \$10,000 being distributed to St'át'imc Post-Secondary Students.

Fall 2020 Intake

The application deadline was extended to November 4, 2020 and the required documents were adjusted due to COVID and difficulties students reported having in gathering necessary official documents. Applications could now be submitted via email and no longer required official transcripts; copies were acceptable.

Eight applications were received by the new deadline, three were not reviewed because they were missing documentation. Four bursaries and one scholarship were awarded for a total of \$9,000 going to St'át'imc Post-Secondary Students.



Award Challenges

Some of the challenges with the Awards program is students submitting incomplete applications which then are not being reviewed as per award guidelines. We are supporting applicants by sharing a list of any outstanding documents after receiving their application and answering any application questions they may have prior to application submission.

Barriers for applicants during the pandemic were obtaining official transcripts and being able to hand deliver or mail applications. Modifications to the application process were made to meet the needs of applicants during the Pandemic.

Another challenge for the awards program has been fundraising during the pandemic to keep the awards program active. There was no golf fundraiser in 2020 to replenish the awards program funds.

Award Successes

To highlight the successful recipients of the Awards Program in 2020 posters were created and shared on the Facebook pages and distributed via email to each of the 11 communities to share with membership. The Winter 2020 poster was viewed by 835 people and shared 5 times. The Fall 2020 poster was viewed by 3,714 people and shared 20 times.

In 2020 the awards program has distributed \$9,000 in Bursaries and \$10,000 in Scholarships to 11 St'át'imc Post-Secondary Students who demonstrate financial hardship while attending school. We are proud to support the hardworking and talented St'át'imc members pursuing education and training opportunities - congratulations to the recipients and we wish you the best in your studies.

Fall 2020 Recipients



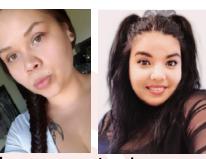
Mason Ducharme Lil'wat PhD in Public Administration Award: \$5,000 Scholarship



Shyla Morgan Ts'kw'aylaxw Licensed Practical Nurse Award: \$1,000 Bursary



Keely Tyson Weget-Whitney Stager Lil'wat T'it'q'et **Exercise Science Aboriginal Governance** Award: \$1,000 Bursary & Leadership Award: \$1,000 Bursary



Jasmine O'Donaghey Ts'kw'ayalaxw-Tsal'alh Fully Qualified Nail Technician Award: \$1,000 Bursary

Winter 2020 Recipients

Ned

Xwisten



Brandy Kane Xaxli'p PhD Indigenous Studies \$5,000 Scholarship



BA in Economics Award: \$1,000 Bursary



Zoë Leech T'it'q'et Recreation, Fish, & Wildlife Diploma Award: \$1,000 Bursary



Frances McDonald Ts'kw'aylaxw 3D Animation Degree Award: \$1,000 Bursary



Dionne Adolph Xaxli'p Bachelor of Science in Nursing Award: \$1,000 Bursary



Daynon Kane-Fitzpatrick Xaxli'p Chemical Addictions Certificate Award: \$1,000 Bursary

Environment

Ellen Reyes, Environment Manager
Darwyn John, Wildlife and Lands Assistant
Celeste Harvey, Fisheries Assistant
Nora Billy, GIS Technician
Chanvre Oleman, Environment Summer Student

Mandate

The Environment team is responsible for developing larger-scale planning and mitigation projects for the stewardship and protection of St'át'imc lands, water, wildlife, and ecosystem. The team is dedicated to

delivering the best available information from St'át'imc knowledge and science into a decision-making process that supports climate change mitigation, adaptation, and knowledge sharing.

Wildlife

Stein-Nahatlatch Grizzly Bear DNA Project

This isolated and critically endangered grizzly bear population has been monitored using a hair snag DNA program since 2004. To avoid an extended break in continuity, the Stein-Nahatlatch grizzly bear population unit (GBPU) is monitored every two years as the Province of BC and Indigenous groups implement recovery and management actions. The project's structure is consistent with the principals of the United Nations Declaration Rights of Indigenous Peoples (UNDRIP) to maintain and strengthen Indiqenous institutions, cultures, and traditions. In 2019, Indigenous groups from St'át'imc and Nlaka'pamux took the lead on the project and ensured the purpose was consistent with common values and principles. The 2021 GB DNA project is funded by the Habitat Conservation Trust Foundation

(HCTF) and Species at Risk Act (SARA) Consultation, Cooperation, and Accommodation Project in British Columbia. Splitrock Environmental Sekwelwas (Splitrock) provides consultation for the GB DNA sampling and monitoring project. Cheryl Blair (M.Sc., R.P.Bio.) is Splitrock's Senior Wildlife Biologist and she is advising on the field planning, project execution, management of the Sekwelwas technicians, and biological concerns.

This multi-community project includes Boothroyd, Lil'wat, N'Quatqua, Sekwelwas, and Xwisten with monitoring hair snag sites. It is important for communities and Nations to work together and cover the large area which the bears naturally utilize. The project activities accomplished to date were a recruitment poster/information board, submission of a permit application and requirements to FrontCounter BC, order

and drop off equipment and supplies to communities, community technician training, helicopter safety training, determine new site locations at Boothroyd, and three checks of hair collection, camera checks, and re-baiting for helicopter and ground-access sites. Future activities for the GB DNA project are two more checks of hair snag traps, demobilize sites after completion of field season, submission of hair samples and pictures to Cheryl Blair, hair sample analysis at Wildlife Genetics International (WGI) to identify sex and individual ID, and a preliminary estimate and trend of the bear population for the project area.

SGS Environment Team also receives calls and notifications of grizzly bear sightings and works with Conservation Officers and Provincial Biologists during the response of these wildlife incidents.



Hair snag set-up from 2021 fieldwork

Fraser River Bighorn Sheep

A request was made in May 2020 by Dr. Francis Iredale (Ph.D, R.PBio.), Wildlife Biologist at the Fish and Wildlife Branch, Resource Stewardship Division with the Ministry of Forests Lands, Natural Resource Operations and Rural Development (FLNRORD) to participate in a bighorn sheep capture project. Mycoplasma ovipneumoniae (Movi) is the primary pathogen responsible for respiratory pneumonia in bighorn sheep. Once introduced to a domestic sheep herd, Movi can persist and transfer to wild sheep

populations, and trigger a pneumonia outbreak, causing deaths in bighorn sheep. There is no effective treatment to address this health concern in bighorn sheep, and those sheep that are captured, tested, and actively shedding the bacteria are removed from the herd to break the chain of infection.

St'át'imc community technicians and SGS Environment continue to work with FLNRORD to monitor the health status of this wild sheep population and actively participate in the Fraser River Bighorn Sheep Working Group. FLNRORD is also currently developing an exclusion zone policy with St'át'imc (Lillooet Tribal Council band members), Secwepemc, and Tsilhqot'in Nations to keep a distance between domestic sheep and goat farms and wild sheep ranges to reduce the transfer of respiratory diseases.

Bridge-Seton Watershed Strategic Plan

St'át'imc has a Settlement Agreement with BC Hydro and the Province of B.C. that was created in 2011 and it covers aquatic resource management. Part of this Agreement was to develop a Watershed Strategic Plan that has strong linkages to existing programs including local and regional land use planning processes, fisheries and wildlife programs, and water quality. The overall purpose of the Watershed Strategic Plan is to better understand how important St'át'imc values may be impacted by existing and future development activities (e.g. industry, utilities, transportation, etc.) within the Bridge-Seton watersheds.

sGS Environment established working relationships with Dr. Kyle Hilsendager and Jennifer Campbell at Two Worlds Consulting (TWC) from their Victoria office and Thomas (TJ) Nyce at Gilwa Consulting Inc. (GCI) from Kelowna. Dr. Kyle Hilsendagar (Ph.D) is a member of 'Namgis First Nation, a Natural Resource Specialist at TWC, and the project lead for the Bridge-Seton Watershed Strategic Plan. Jennifer Campbell (MPA, PMP, EP) is

the Founder and CEO at TWC and the senior advisor/quality control for the project. TJ Nyce has Indigenous roots with the Haisla and Kitselas peoples, is the Lead Advisor at GCI, and facilitates communication between the project team and St'át'imc staff.

The project objective is to complete a report that will feed into the development of a final Bridge-Seton Watershed Strategic Plan. Work on this project will primarily involve desktop studies and utilize existing data relating to St'át'imc values and publicly available land use planning documents, industry tenures, and government databases. This data will be analyzed to produce an Indiqenous Values and Impacts Report that describes important St'át'imc values within the Bridge-Seton watershed, existing land use planning processes, and areas where land/ resource development activities occur. It will also identify and characterize areas within the Bridge-Seton watershed where these development activities could potentially pose a risk to important St'át'imc values. The activities completed to date are project scheduling, workplan, research methods, and collection of internal St'át'imc data and industry tenure information. Future project activities for the Bridge-Seton Watershed Strategic Plan are a literature review summary for inclusion into the final report, review and analysis of spatial data, production of maps, a table of contents, and an Indigenous Values and Impacts Report. SGS Environment will have an opportunity to review and provide feedback on the literature review, analysis, table of contents, and reporting.

Roads and Road Density Analysis

Motorized access into the backcountry of the St'át'imc territory has significant impacts to grizzly bear habitats. Grizzly bear impacts are observed at the individual and population unit levels by identifying effects on bears' habitat use, movements, population fragmentation, survival, and reproductive rates in relation to motorized access. An open road density (km of roads open to motorized public traffic per km2 of area) of 0.6 km/km2 is the threshold above which female grizzly bears may have lower quality habitats. Motorized access management by closing or restricting road access to the public and industry use are beneficial for bear conservation and recovery. Maps of lower quality grizzly bear habitats have road densities greater than 0.6 km/km2.

The road density and access management project has not been updated since the fiscal period of 2016-2017. SGS Environment revived this project and completed the ground truthing (i.e., driving/walking roads and trails) at the Tyaughton Watershed. Ground truthing is necessary to determine the quality of road use and because provincial road data layers are not accurate or updated sufficiently with road status. Future project activities are to update roads and remove roads that are no longer in use by GIS and mapping, update the database of road maps, and a trend analysis of roads and grizzly bear habitat and behaviour.

Snow and Remote Sensing Project

In 2016, SGS Environment began a climate change study that focused on the distribution and timing of Maga7 (snow) from the alpine to the tributary of the Fraser River. This was a joint SGS-UBC project with funding from Mitacs and involved the compilation and analysis of remote sensing images of snow from the past 35 years. In 2018, this project evolved into a mule deer winter range study comparing deer preferentially selecting locations with decreased snow cover or greater canopy cover. Continued monitoring of snow data in the St'át'imc territory can be used to understand the movement patterns and habitat challenges that mule deer encounter and determine how to implement additional mitigation and management strategies.

Currently, SGS Environment is working in collaboration with Zoltan Mityok (FIT, M.Sc.), the Geographic Data Specialist at Frontera Forest Solutions on continuing the snow

remote sensing project from previous years. The project activities completed to date are conversion of data to GIS shape files and uploading these files to Lightship for team projects. The objectives for this year's project are to use remote sensing to examine the trends of snow distribution and timing in southwest BC and compare the snow data with mule deer movement and habitat using GPS datasets.

Capacity Building

One of the goals at SGS is to increase staffing capacity. This year, SGS Environment hired a Summer Project Student and Fisheries Assistant.

Chanvre Oleman recently completed a 3-month work-term through SGS Environment and Canada Summer Jobs. Chanvre is Tsal'alhmec and grew up in Ts'kw'aylaxw, and Tsal'alh areas. She provided assistance with the fieldwork and data input for the wildlife monitoring projects and the ground truthing for the roads and road density analysis. This fall, Chanvre is going back to school at Thompson Rivers University in Kamloops for a Bachelor of Science program. Celeste Harvey is the new Fisheries Assistant at SGS Environment, and she is a recent graduate of the Recreation, Fish and Wildlife program at Selkirk College in Castlegar. She has extensive experience in silviculture, forest management, and fish monitoring and restoration techniques.

SGS is also promoting professional and career development with staff. SGS Environment is encouraging on-the-job training, renewing skillsets, and applying for professional designation (e.g., R.FT., R.BTech., and R.PBio.) as required.

Upcoming Initiatives

SGS Environment is establishing working relationships and submitting an Aboriginal Species at Risk funding application with Matt Coombs and Jared Hobbs for the environmental DNA (eDNA) of fish inventory

and sampling from streams project. Matt Coombs (M.Sc., P.Biol., R.P.Bio.) is the Director, Fisheries Biologist at Fintegrate Fisheries & Watershed Consulting Ltd in Alberta. Jared Hobbs (M.Sc., R.P.Bio.) is an independent consultant and specializes in eDNA implementation and training.

SGS Environment is also anticipating a working relationship and submitting an Environmental Contaminants Program funding application with Dr. Eric Liberda (MES, MASc, Ph.D) for a mercury exposure and risk communication study. Dr. Eric Liberda is an Associate Professor and the Director at Ryerson University's (X University) School of Occupational and Public Health in Ontario, and specializes in exposure and human health risk assessment.

SGS Environment is supporting the idea of reviving the wildlife health program. The Tsi7 (mule deer) stewardship project and terms of reference have not been updated since 2013. SGS Environment is anticipating a working relationship with BC's Provincial Wildlife Veterinarian, Dr. Caeley Thacker (DVM) to support capacity building through reviving and fulfilling the agreement and through wildlife health workshops. SGS Environment is also supporting the idea of a graduate student's project for carrying capacity for ungulates. During the fiscal year of 2019-2020, SGS Environment supported information sharing by sending pictures and tissues samples of mule deer, mink, coyotes, raccoon, moose, fish, and eagles to the animal health centre for testing and will continue this type of project work in cooperation with Dr. Caeley Thacker.

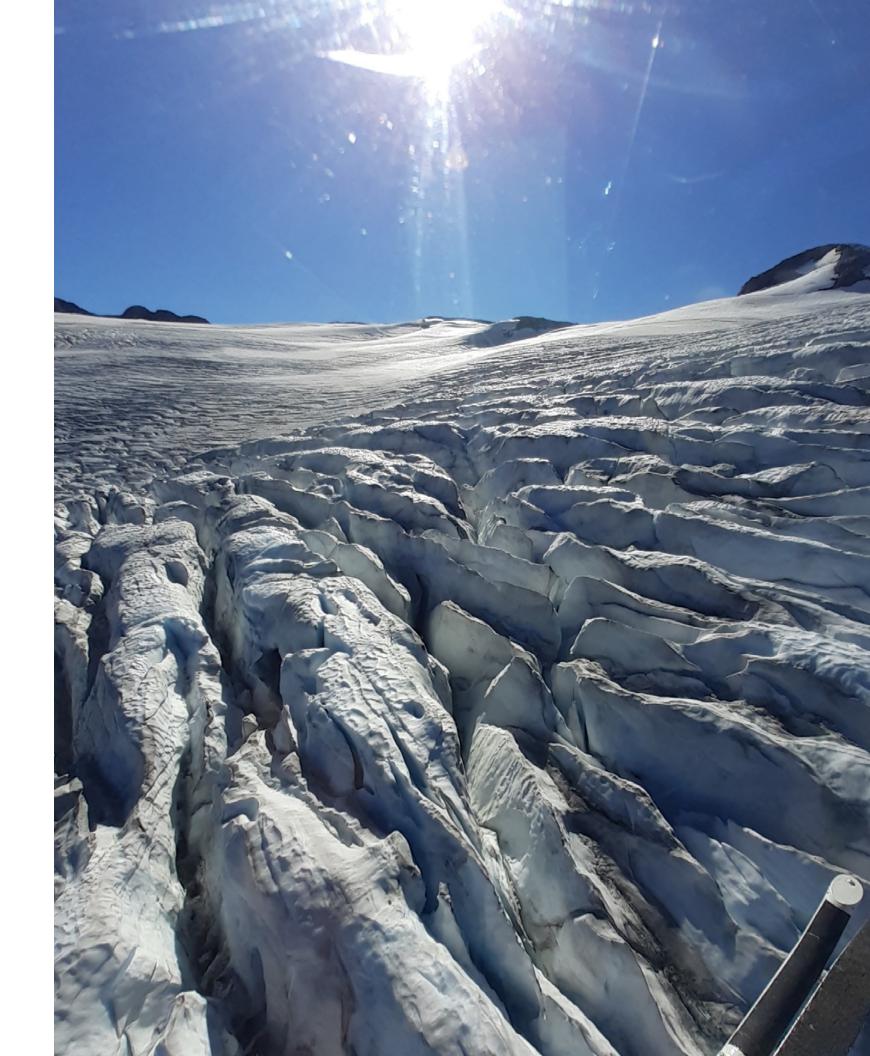
<u>Challenges</u>

The addition of projects throughout the year has put additional workload on the team, but the team has adapted very well and we are assisting in the best way possible. One project we are assisting on is the Internal Nation Referrals Process, which is a new project with the SCC Lands and Heritage Department. SGS Environment is

collaborating with the Lands and Heritage Department Manager, Lenora Starr (MSW) in processing referrals. The team's assistance was initially discussed to be on an interim basis but has proven to be more much work then initially expected.

Another significant challenge is SGS Environment has identified that current project processes do not incorporate human health and ecological risk assessments, residual impacts after the implementation of mitigation measures, and cumulative effects analysis in its environmental management activities. Potential impacts to St'át'imc values and traditional knowledge are not sufficiently addressed for these listed environmental components as a baseline has not yet been determined. SGS Environment is exploring the idea of a baseline study by establishing a working relationship with a human health risk assessment expert, on a mercury exposure and risk communication project. This process will be something the SGS Environment team will focus on improving moving forward with recommendations to see it's addressed during all processes.

Overall most projects have been moving forward but the unprecedented events related to the wildfires and Covid-19 pandemic made this summer challenging to conduct fieldwork successfully. Fieldwork for wildlife monitoring projects during the summer was either postponed to a later date or cancelled.



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Joint Planning Forum (JPF)

The JPF is the group responsible for carrying out work arising from the 2019 High Flow Settlement Agreement (HFSA) to address impacts from High Flows in 2015,2016 and 2017. The HFSA is the result of the formal dispute resolution process of the 2011 Settlement Documents and sets out additional specific commitments and measures to improve BC Hydro and St'át'imc Authority's collaboration on flow management and environmental mitigation projects. The JPF is allocated 10 million dollars to spend on mitigation projects.

The Joint Mitigation Team

The Joint Mitigation Team (JMT) is a sub-committee under the JPF and carries out the mitigation projects and strategies agreed to by the JPF. The JMT oversees the Horseshoe Bend Restoration Project and the Chinook Enhancement Project broken down into 2 phases: Broodstock collection and incubation and rearing. Additional projects and strategies have been assigned to the JMT in the past year including fish entrainment and Gates Creek Spawning Channel upgrades, but that work has been focused on assessing and planning.

Horseshoe Bend Project

The primary objective of this work is to create and enhance off-channel salmon rearing habitat that is resilient to the flow regime of the Lower Bridge River (LBR) and improve habitat for Chinook, Coho and Steelhead Salmon. This year we are working on finalizing a design and the draft design is in Figure 1. The JMT is behind in the estimated timeline on this due to access issues but remain optimistic and committed to seeing this project through.

• Chinook Enhancement:

Broodstock Collection: this work involves installing a fish fence in the LBR to capture male and female Chinook and mixing the milt and eggs resulting in Broodstock.
 In 2020, the fish fence was active Aug 10—Sept 30 and resulted in egg takes from 9 females and milt collection from 17 males. The fry release is a collaborative effort and releases the previous year's catch. In 2021 the fish fence was installed on Aug 25 and is actively fishing.

Incubation and Rearing:

this work occurs at the N'Quatqua Hatchery with Chris Fletcher as the Operations Lead. Broodstock is brought to N'Quatqua in the fall, stored in trays (Figure 2) until hatched, then transferred to rearing troughs (Figure 3) until released at the end of the subsequent summer. The effort from 2020 resulted in approximately 9000 Chinook fry being released on August 30 and September 2. Approximately 3000 were PITT tagged at the Hatchery on Aug 4, 2021. The 2021 Broodstock will make its way from Xwisten to N'Quatqua late September/early October. The Hatchery is in need

of some upgrades that include re-surfacing some of the holding areas i.e., the concrete raceways with completion expected this year.

Fish Entrainment:

 This work has been added to the scope of the JMT this year and additional funds of 750,000 added to the budget.
 Some of this funding may be used for the Gates Creek Spawning Channel.

• Gates Creek Spawning Channel:

The Gates Creek Spawning Channel is not currently operational but falls under the scope of incorporating Watershed wide priorities where possible. The JMT has committed to working with N'Quatqua and SER to restore the spawning channel by means of assessing long-term funding options. At this time N'Quatqua is working with SER on refining the vision and they have asked the JMT to stand down from assisting in long term funding applications.



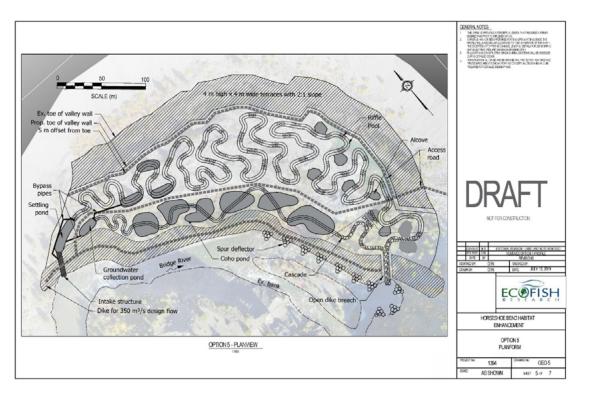




Figure 2 Incubating Trays at N'Quatqua

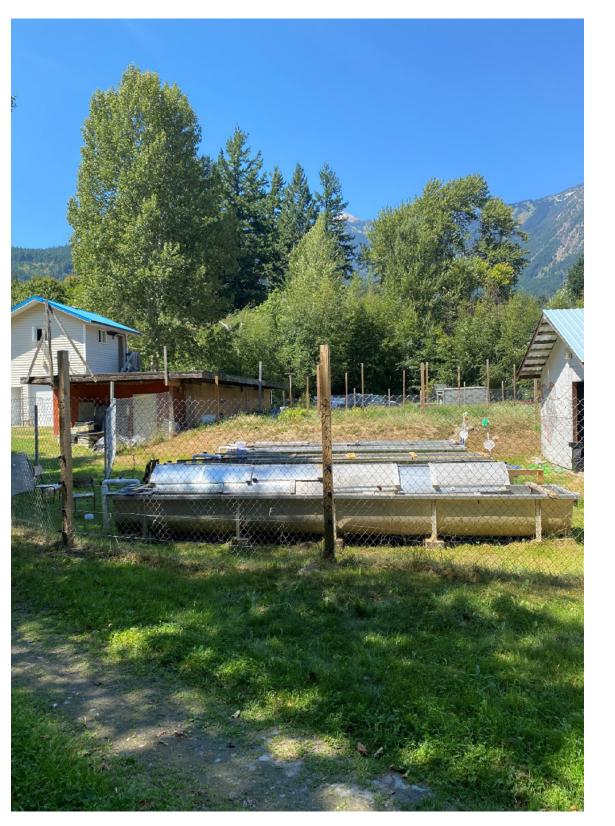


Figure 3 Capilano Troughs for rearing Chinook Fry

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Capital Planning

The signing of the High Flow Settlement Agreement (HFSA) in September 2019 led to the establishment of the St'át'imc Capital Planning Manager's position to provide St'át'imc with detailed access to BC Hydro's capital planning and operating processes to identify business opportunities and match them to St'át'imc businesses and partnerships.

The role of the Capital Planning Manager includes:

- · Organizing a Quarterly Planning Meeting.
- Establish a process for tracking and reporting these opportunities against the minimum \$20 Million commitment.
- Maintain and publish a list of St'át'imc Designated Businesses that can be used by BC Hydro and other companies to identify St'át'imc businesses for their work.

This position also supports the education, training and capacity development related to the business opportunities within the territory by mapping capacity building opportunities to the business opportunities.

To date there have been over 40 business opportunities offered through the High Flow Settlement Agreement process with a value of well over \$8,000,000. To put this into perspective we are now in year two of the HFSA (33% of the 6-year term) and have already captured 40% of the \$20,000,000 (minimum) target commitment.

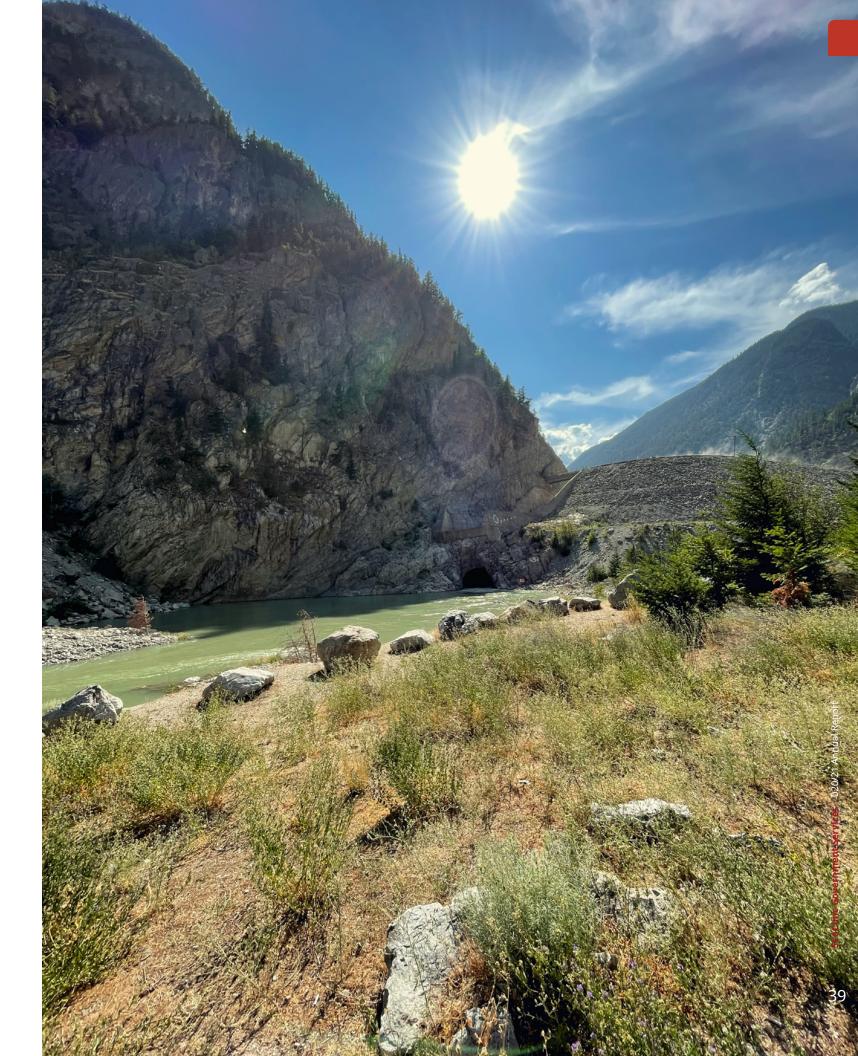
During 2019 there were 3 opportunities offered, in 2020 there were 15 and in 2021 there were 26. This trend, along with the fact that upcoming projects, outside of the actual generating facilities, is set to provide more and higher value opportunities for existing businesses and opportunities to partner with other companies.

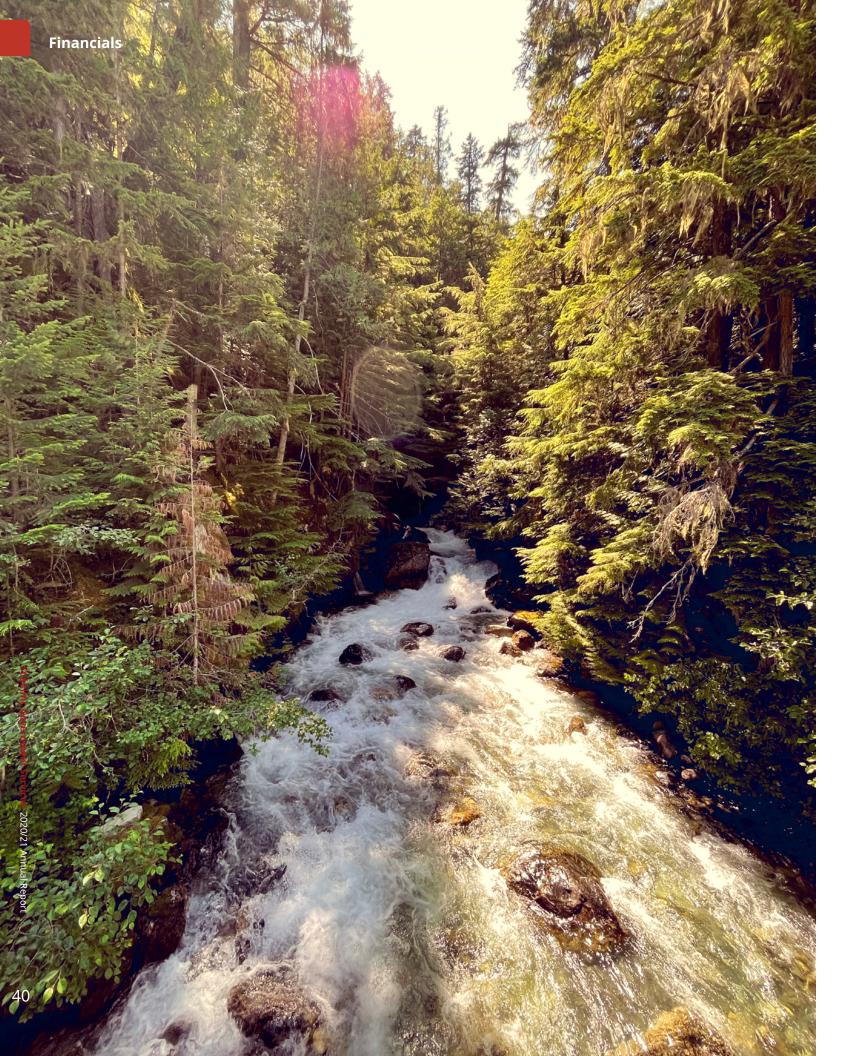
To pursue these opportunities, the LaJoie Business Opportunity working group (LBOG), established last year, has had five group meetings and several community leadership meetings.

These meeting provided an understanding of leadership preferences in terms of partnerships to take advantage of the much larger opportunities inherent in the LaJoie and BRTP projects. This next year's activities include a determination of the existing business and work force capacity, provide a more comprehensive detailed opportunity list, and a set of business partner pre-requisites.

The Capital Planning Manager is also assisting Xaxl'ip and Xwisten with a project review and relaunch of engagement and planning related to the 60L20 transmission line relocation, a long-outstanding issue from the 2011 Agreements.

The Capital Planning Manager and SGS continue to implement SharePoint to enable information sharing to provide a one-source location for key information like, Notifications, Quarterly Capital Planning meetings, Annual General Meetings, Project related information as well as internal SGS content management.





Financials

SGS strives to achieve best practices in financial management while ensuring efficiency, accountability, and due diligence. The past year we have worked on improving our Finance Department and utilizing our new accounting system and all it has to offer.

Our focus has been:

- 1. Setting up the Human Resource module in Xyntax, our finance software
- 2. Setting up a new filing system
- 3. Update the Financial Policy along with its extension Investment Policy

We stive to provide department managers with current financial statements to help them make sound financial decisions.



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ST'ÁT'IMC GOVERNMENT SERVICES

Statement of Financial Position

April 30, 2021, with comparative information for 2020

	2021	2020
Assets		
Current assets:		
Cash	\$ 2,578,813	\$ 2,389,793
Accounts receivable	170,604	287,781
Prepaid expenses	6,014	1,147
	2,755,431	2,678,721
Capital assets (note 2)	156,176	147,082
	\$ 2,911,607	\$ 2,825,803
Liabilities and Net Assets		
Liabilities and Net Assets Current liabilities: Accounts payable and accrued liabilities (note 3)	\$ 172,941	\$ 200,261
Current liabilities:	\$ 172,941	\$ 200,261
Current liabilities: Accounts payable and accrued liabilities (note 3) Net assets: Invested in capital assets	\$ 156,176	\$ 147,082
Current liabilities: Accounts payable and accrued liabilities (note 3) Net assets: Invested in capital assets Unrestricted	\$ 156,176 845,090	\$ 147,082 607,389
Current liabilities: Accounts payable and accrued liabilities (note 3) Net assets: Invested in capital assets	\$ 156,176 845,090 1,737,400	\$ 147,082 607,389 1,871,071
Current liabilities: Accounts payable and accrued liabilities (note 3) Net assets: Invested in capital assets Unrestricted	\$ 156,176 845,090	\$ 147,082 607,389
Current liabilities: Accounts payable and accrued liabilities (note 3) Net assets: Invested in capital assets Unrestricted	\$ 156,176 845,090 1,737,400	\$ 147,082 607,389 1,871,071

See accomp	anving note	es to financia	ıl statements.
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On behalf of the Board:

Directo

ST'ÁT'IMC GOVERNMENT SERVICES

Statement of Operations

Year ended April 30, 2021, with comparative information for 2020

		2021	2020
Revenue:			
St'át'imc (PC) 2011 Trust	\$	1,545,800	\$ 1,662,601
Contracts and projects	•	1,007,642	966,927
		2,553,442	2,629,528
xpenses:			
Administration Fund		738,405	744,212
Amortization		48,379	36,638
BC Hydro As When Needed Project		56,360	18,192
BC Hydro RAP Project		180,036	265,533
BC Hydro SLEMP		46,054	51,305
BCH BR Heritage		28,117	-
CPM - Capital Planning - HFSA		116,458	87,569
Capacity Development Fund		-	25,435
Culture and Heritage		181,544	238,682
Culture and Heritage - Land Use and Occupancy Study		-	173,942
Education Scholarship Fund		26,000	11,125
Education and Training		110,281	202,516
Education and Training (Various)		18,500	-
FPCC - First Voices Program		38,423	-
Governance		336,738	401,972
Grizzly Bear DNA		-	73,310
JPF - Joint Planning Forum - HFSA		151,137	46,168
LaJoie - Capacity Building		5,628	-
Land and Resources		302,248	314,680
Lands and Resources - Various		-	32,930
RELAW		-	83,02
SCC - BC Hydro Dispute Resolution		-	65,909
SCC - Mitigation Project		-	25,473
SCC - Other Projects		-	6,65
SGS Operations - Other		49,701	-
SSC St'at'imc Steering Committee		6,309	23,692
		2,440,318	2,928,959
xcess (deficiency) of revenue over expenses	\$	113,124	\$ (299,43

See accompanying notes to financial statements.



GOVERNMENT SERVICES

10 Scotchman Road, PO Box 2218, Lillooet, BC , V0K 1V0 1 (250) 256-0425 | **statimc.ca**