

# **T̓ilhqot'in National Government**

# **WATER QUALITY**

# **& QUANTITY**

## **Monitoring Program**



The Water Quality and Quantity (WQQ) Monitoring Program advances data sovereignty for the T̓ilhqot'in Nation and member communities. This supports proactive decision making on water issues, which is critical to responding to climate change and other impacts on water, fish habitat, and watershed health.

**T̓ILHQOT'IN NATION LEADERSHIP IN  
WATER GOVERNANCE AND MANAGEMENT**





# WQQ Focus for 2021

## 2021 TNG WQQ Objectives

1. Build T̓silhqot'in capacity on water issues
2. Install 8-10 initial stations in critical T̓silhqot'in salmon nursery areas, as identified in collaboration with TNG Leadership
3. Establish indicators for watershed health, including climate change impacts
4. Complement existing government monitoring stations for more comprehensive water monitoring
5. Build T̓silhqot'in data sovereignty (ownership and control of data)

## 2021 Program Timeline

### April - June:

- Site evaluation and staff training for new monitoring stations

### July:

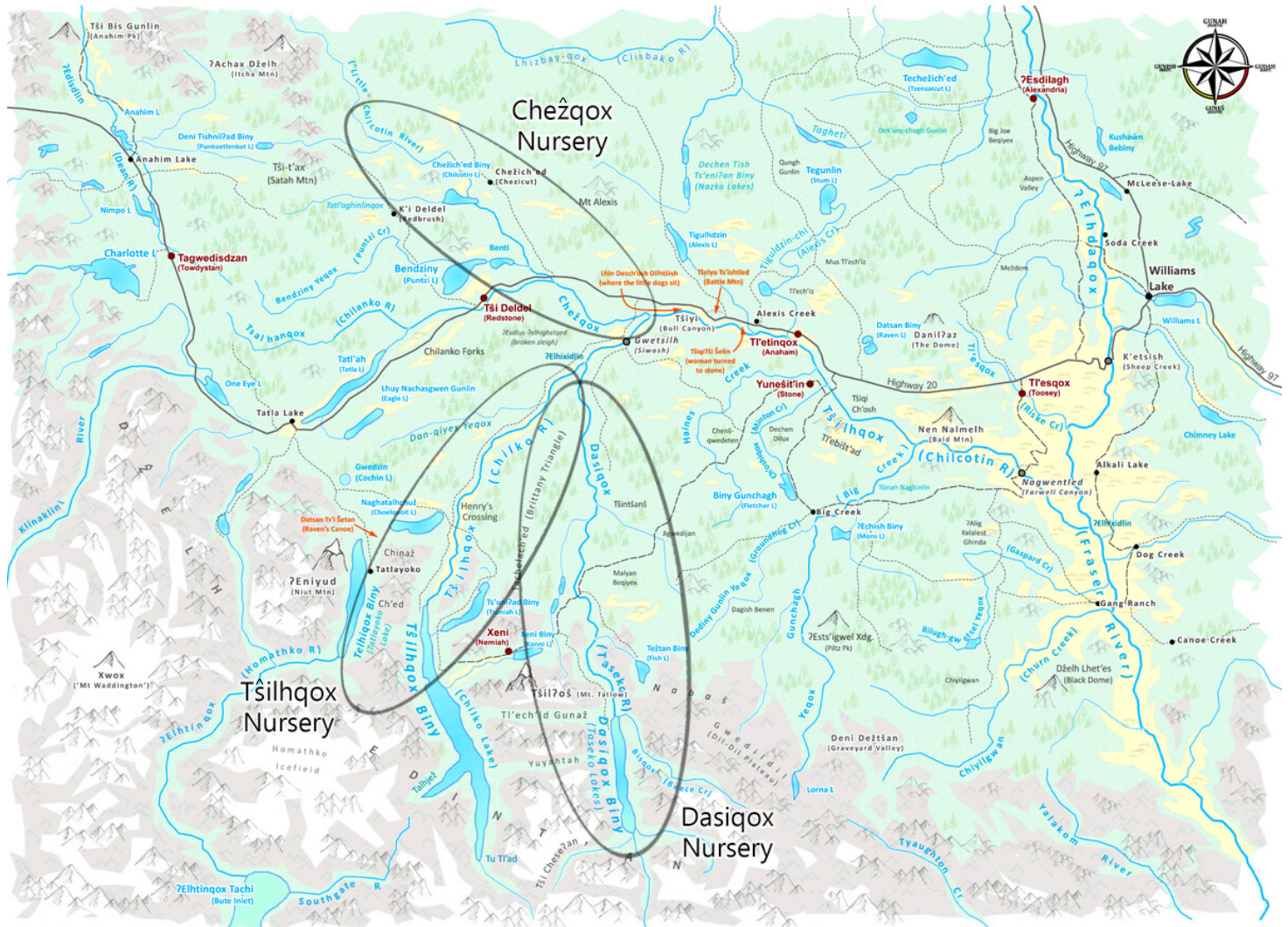
- Installation of monitoring stations

### Fall:

- Opportunities for site visits—we look forward to bringing community members out to see the stations in action!
- Active monitoring of critical T̓silhqot'in salmon nursery areas

This program is supported through the Healthy Watersheds Initiative, delivered by the Real Estate Foundation of BC and Watersheds BC, with financial support from the Province of BC.





# Supporting TNG Water Leadership

The Water Quality and Quantity monitoring program was identified as a priority by Tâshqot'in Leadership, and is part of TNG's 5-year Fisheries Action Plan. TNG Fisheries Department staff and Leadership worked together to select monitoring locations based on Nation-wide interests and objectives. Three critical salmon nursery areas were identified in the Tâshqox (Chilko), Dasiqox (Taseko), and Cheqox (Chilcotin) river systems. The site locations also complement existing stations operated by government agencies such as Environment Canada, Fisheries and Oceans Canada, and the Water Survey of Canada, e.g. the Marguerite Station on the ?Elhdaqox [Fraser River] near ?Esdilagh, and will contribute to more comprehensive water monitoring in the region.

From site selection, to field work, to data ownership and management, the WQQ program is designed and led *by* and *for* the Tâshqot'in Nation and member communities. It supports capacity building, timely access to high quality data, and leadership in water governance and management—all critical to proactive decision making on water, and responding to climate change and other impacts on fish, habitat, and overall watershed health.

The WQQ program is a collaborative effort between the TNG Fisheries Department and the TNG Rangers. Thanks to the Rangers for going above and beyond to support this project!



**The TNG Fisheries Department works to rebuild and recover all salmon species in T̓silhqot'in Territory to protect biodiversity and support thriving, resilient, and sustainable traditional fisheries.**

Healthy salmon populations are essential to food security, biodiversity, ecosystem health, T̓silhqot'in cultural practices, and Title and Rights.

Working closely with T̓silhqot'in Leadership and communities, along with provincial and federal government partners, we deliver several projects and programs that support Nation-wide priorities and objectives.

For more information please visit

**[www.tsilhqotin.ca/fisheries/water-monitoring](http://www.tsilhqotin.ca/fisheries/water-monitoring)**

