

Fish Culture

FUN FACTS ABOUT THE HATCHERY...

- The hatchery recirculates up to **99.6%** of the water it uses at a maximum rate of **3000 litres per minute!**
- The complex recirculation system uses as little as 25-30 litres per minute of new water - this saves energy.
- There are **24 rearing*** tanks inside the building, plus trays and water basins for sorting, tagging or checking each fish.
- There are **11 large tanks** outside for older fish.

A DAY IN THE LIFE...

A **Fish Culturist** is someone who raises fish. The daily duties of a Fish Culturist here at the Nechako White Sturgeon Conservation Centre include:

- ☑ **Check Facility:** Check that all mechanical parts, such as pumps, motors, feeders, and the treatment systems are working correctly.
- ☑ **Test Water Quality:** Check that the water chemistry (eg. ammonia levels), oxygen levels, and temperature are correct and stable.
- ☑ **Observe Fish Health & Behaviour:** Watch the animals in their tanks to see if they are swimming and eating properly. Animals are tested for disease periodically.
- ☑ **Feed Adults:** The younger fish are fed using an automated system, but the large adults that are kept in the larger holding tanks are fed by hand. They are fed salmon and trout.
- ☑ **Clean:** Tanks and the treatment systems need to be cleaned daily to maintain a healthy environment for the fish.



***rearing** means when you breed, raise and take care of an animal. Rearing tanks are the tanks that hold the young fish so the Fish Culturist can raise them.

Do you rear any animals?



Book a tour at the Nechako White Sturgeon Conservation Centre to get a close up look at the tanks, the water system, and of course the sturgeon!!

More available at:

www.nechakowhitesturgeon.org

Facebook @NWSRI