



Lang Fish Returns

Coho-1007

Chinook-1284

Pink-22444

Chum-6896

Sea Run Cutts-117

Eggtake Totals

Chinook-921 839-91%survival

Chum- 813 825-97%survival

Coho-260 282-100%survival

*Incubation Update*

All shocking and initial picking of our Chinook Production at the Mill Hatchery is now complete. All of the eggs have now been transferred to secondary incubators at our Mill facility. Most of the Chinook have now hatched. We

expect to be feeding our first batch before Christmas.

Coho broodstock has ripened quicker this year than last. Eggtakes will continue in December.

Chum egg production has now been transferred to the Duck Lake Hatchery from our Mill facility just prior to hatch. The water temperatures at Duck Lake are at 3 degrees Celsius at month end compared to 11 at the Mill Hatchery.



Chum Transfers from Mill to Duck Hatchery



Eyed Egg Shocking



Egg Transport Totes



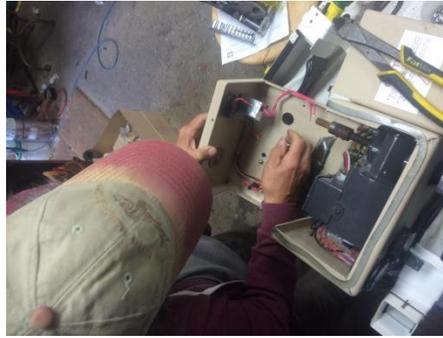
Chum Eggs Placed at Duck Lake Hatchery



We have also been running a jar incubator (hatching jar) at the Mill Hatchery with Chum egg's in it. We are interested to see how this form of incubation performs for us.



Secondary Bulk incubators are running at our Mill Hatchery. The above picture is a group of about 60k Chinook [alevin](#) that are quickly developing into fry.



Our Jensorter egg pickers have undergone repairs. Our leased double channel unit was taken apart to realign the armatures in the electric blower motors. Our backup single channel unit power supply cord was replaced.

The egg pickers are a vital piece of equipment for us and have to function when we need them. The bulk of our egg shocking and initial picking is carried out in the course of about one month. During this time we will remove approximately 100 000 eggs. If we were not able to keep up with the removal of dead eggs our survival would drop dramatically as dead eggs grow fungus that then spreads to the live eggs. Because of our warm water in the mill hatchery the timing of this process is greatly accelerated and so must be done as quickly as possible.



The Powell River Salmon Society has been doing some DNA sampling for the Department of Fisheries and Oceans on our Coho Brodstock. It is our understanding that this request to collect DNA is to further identify where our fish are being caught.

*Water Quality data collection* continued with biweekly sampling of the Lang Creek Watershed). Routine sampling includes a test for color, pH, turbidity, temperature, salinity flow, and general weather conditions. The information is collected and used to compile an annual report. Full reports can be found on our website by following the link [water quality](#)