



# Powell River Salmon Society January 2012

## Quick Fish Update-

94% survival

Chinook 912 379

92% survival

Coho 353 218

97% survival

Chum 772 380



## Ponding Fish

*Chinook rearing has ramped up at the Mill Hatchery*

Powell River Salmon Society primary hatchery operations are now focused on rearing. There are **823 815** Chinook

rearing at our Mill hatchery facility.

Chinook growth has been steady while water temperatures are at 6 degrees in the Mill. The fish are .5grams-.9 grams in average size.

We have now removed several of the rearing rings from the tubs to facilitate the growth of the fish. The rearing rings have been a huge success and continue to work for us as more fish come out from incubation.

Our Coho and Chum still remain in incubation. Water temperatures have been cold through the end of January. We expect to begin feeding Chum at Duck Lake towards the end of February. Temperatures have been down to 2 degrees at Duck Lake.

**Classroom Incubators** -In the first weeks of January the classroom incubators were set up

at the schools. They were running prior to egg deliveries to make sure all was stable and water had a chance to de-chlorinate. Set up included filling the tanks with water (prime the filter unit on the back with water as well), plug in the filter and chiller unit, make sure it was set for 6 degrees Celsius.

January 19/20, eyed eggs were delivered and there were slide show presentations on salmon life cycle and habitat.

Fry releases for the classroom incubator program are planned for some time in the last two weeks in April Exact days of week to be determined closer to date. Fry will need to be caught and placed in lidded bucket filled with tank water (de-chlorinated) for transport. Tanks will be cleaned up and stored in preparation for the next year.

Inspection of the Brood Tanks in preparation for our Pacific Salmon Foundation Funding

Application was carried out at Lang Creek.



*Lang Tank Inspection*

This spring we will be draining the water and cleaning the tanks in preparation for some retro fitting and painting to insure the safe working condition for the fish and our salmon enhancement team for years to come. The system is now twenty years old and is the corner stone of our enhancement program.

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. Last year's report can be found on our website at <http://www.prsalmon.org/about-the-fish/lang-water-monitoring-program/>

Volunteer John Ring donated his time and brought his excavator to Duck Lake Hatchery to dig ditches for plumbing the tubs at Duck Lake Hatchery. The plumbing lines will service the

three used rearing units acquired from Port Hardy last year.

Volunteers David Bedry and Terry Powell assisted staff in placing the tubs at Duck Lake. The plumbing has begun with a portion of the drain lines now in place. Our efforts were slowed down by freezing temperatures and snowfall at Duck Lake in January.

