



To Promote the Conservation and Enhancement of Pacific Salmonids

ONE YEAR PLAN

SAFETY COMES FIRST

APRIL 1, 2023 TO MARCH 31, 2024



Powell River Salmon Society

1 Year Plan

To Promote the Conservation and Enhancement Pacific Salmonids in The Powell River Area

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Mission:

To Promote the Conservation and Enhancement Pacific Salmonids in The Powell River Area

Brief intro and commentary

The Powell River Salmon Society (PRSS) is a registered Charity and a leader in the Salmon Enhancement Industry. We are part of the Community Economic Development Program (CEDP) and our base funding source is the Department of Fisheries and Oceans (DFO) Salmon Enhancement Program (SEP) and the Salmon Preservation Foundation (SPF).

The PRSS One Year Plan was constructed to help achieve the greatest possible operating efficiency. It also identifies the importance and necessity of volunteerism for the PRSS to continue to be a leader in the enhancement of Pacific Salmon.

Many of our objectives require volunteer time and monetary resources in addition to our DFO funding. These resources are derived from fundraising activities, subcontracting services, grant applications, donations, and our Salmon Preservation Foundation.

Fundraising objectives are necessary to help offset the inflation associated with operating expenses that are not indexed under our DFO CEDP contract (contribution agreement). Our Contract of \$188 000 has existed since 1982 and has not been increased since inception.

*Capital Projects

- Duck Lake Hatchery Futures Project-raceway rearing/incubation containment building \$85 000, intake wall reinforcement \$15000

*Equipment (estimated \$22 500)

- rearing header feed nipples(\$1000), truck dump box (\$15000), Lang Office retrofit(\$1000), mill shed attic vents(\$1000), inspect Duck Gin pole(no cost), Lang/Willingdon donation boxes(\$1500), brood tank drain plate bushings(\$500), Main Office Computer(\$2500).

*Capital projects/equipment and upgrades are dependant on successful fundraising and grant writing. Plans will be adjusted accordingly.

It is estimated that the PRSS will consume 10,000-15,000 hours of volunteer labour to meet its objectives this fiscal year, or the equivalent of roughly 5 to 7 full time positions.

With the successful completion of all our past projects, we have been able to meet our goals of increasing operating efficiencies while expanding enhancement and educational opportunities within our salmon enhancement program. Reaching these goals is crucial if we are to continue to accomplish our objective of sustainable Pacific Salmon stocks and to support all of the DFO Salmon Enhancement program Pillars .

It is important to research, develop and acquire technologies, refine procedures, and encourage people to participate in all aspects of our program. We must make sure that the environment that we work and



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volunteer in is the safest possible for both the fish and our community participants. We will reach further into our volunteer resource base to increase the number of available ambassadors of our resource and our organization.

We plan to continue to diversify our approach to education, conservation, and enhancement of Pacific Salmon through increased knowledge of our volunteers and community. Having received such a positive response to our previous projects and programs, we are looking forward to building on that excitement.

The outlined plan will ensure us continued success in meeting our operating objective in the safest and most effective possible manner.



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First Quarter Objectives: April 2023-June 2023

Manager and Staff

- Carry out DFO IFMP approved fish production plan. Rearing and releases stages.
- Inspect and repair incubation and rearing containment/equipment.
- Inspect and repair Lang Brood Facility in preparation for the new brood year.
- Inspect and repair Duck Lake and Mill Hatcheries
- Carry out Forest Investment Account/ Community Forest sponsored water data collection on bi weekly basis-maintain Lang Creek Hydrological station.
- Monitor water supply to spawning channel, manage low water weirs
- Coordinate and execute edu-program including planning of Fall Expo/Fry Day Event Series

Requires Volunteer Support or Other Funding

- Coordinate and execute edu-program, Expo-Fryday Event Series
- Rearing and release operations
- Lang Creek Intake maintenance
- *Other potential projects
- PRSS AGM

Second Quarter Objectives: July 2023-September 2023

Manager and Staff

- Brood stock collection and stock assessment operations
- Clean, prime, calibrate and completed necessary repairs to all PRSS incubation systems at Mill and Duck Hatcheries.
- Lang Creek main stem wood debris/gravel /rock cleanup in area of intakes and fences.
- Rebuild/Repair brood nets/sorting tables/tarps/brooms/rakes/all other necessary brood equipment
- Set up Jensorter, picking tables, prep for shocking, picking, treating, transferring (incubation operations)
- Lang counting fence panel assessment
- Carry out Forest Investment Account/ Community Forest sponsored water data collection on bi weekly basis-maintain Lang Creek Hydrological station.
- Monitor water supply to spawning channel, manage low water weirs (low flow period).
- Lang Counting Fence improvements-lights/fish id plate for sill, miscellaneous repairs
- Lang Intake maintenance- coupling/debris removal
- Coordinate and execute edu-program including planning of Fall Expo/Fry Day Event Series

Requires Volunteer Support

- Brood stock collection and stock assessment operations
- Duck Lake Roof Project
- Coordinate and execute edu-program and expo
- Capital Projects/Equipment



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Third Quarter Objectives: October 2023-December 2023

Manager and Staff

- Brood stock collection and stock assessment operations.
- Incubation operations
- Coordinate classroom incubator program field trips
- Carry out Forest Investment Account/ Community Forest sponsored water data collection on bi weekly basis-maintain Lang Creek Hydrological station.

Requires Volunteer Support

- Brood stock collection and stock assessment operations
- Final Reporting on Capital Projects/Equipment and make sure all obligations have been met to contributors and donors (tax receipts, social media, website acknowledgment) before initiating a new fundraising campaign.
- Capital Projects/Equipment
- Begin construction of applications for grant source funding and donation letters to support next fiscal one year plan operations/projects.
- Coordinate and execute edu-program including planning of Fall Expo/Fry Day Event Series

Fourth Quarter Objectives: January 2024-March 2024

Manager and Staff

- Incubation operations.
- Rearing operations.
- Manager to draft new one year plan including fish production and budget forecast.
- Carry out Forest Investment Account/ Community Forest sponsored water data collection on bi weekly basis-maintain Lang Creek Hydrological station. Deliver all available data to Drew Brayshaw/Community Forest/BC Timber Sales at Year end for technical report development. Post report/field data to website.

Requires Volunteer Support

- Capital Projects/Equipment
- Submit board approved project/facility improvement funding applications/fundraising letters
- Coordinate and execute edu-program including planning of Fall Expo/Fry Day Event Series



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Throughout the Year:

Reports

- Manager to complete monthly/quarterly operational and financial reports to meet DFO reporting requirements.
- Manager to complete monthly/quarterly operational and financial reports for PRSS Board of Directors.
- Manager to communicate with Treasurer on monthly/quarterly basis to audit all financial transactions.
- Manager/Treasurer to keep flow of financial information to Society accountant up to date at year end for the preparation of financial statements and charity tax return.
- Manager to report/submit to receiver general, wcb for monthly and annual remittance/reconciliation.
- Keep PRSS website current. Data summary for fish releases, DFO forms, and water monitoring detailed data is stored at our hatchery and updated annually/analytically
- Increase public interest through social media/analytically

Operations

- Manager, staff and volunteers to carry out CEDP contribution agreement to highest possible standard
- Manager and staff to work with community advisor to ensure all aquaculture regulations are met.
- Facilitate tours of PRSS operations for individuals, groups and executives. Manager, staff, directors, PRSS ambassadors to participate as necessary.
- Manager and staff to continue to train and work with volunteers on PRSS operations.
- Manager and staff to have monthly safety meetings and carry out workplace inspections (monthly & yearly). Review Job Safety Breakdowns and address any health and safety concerns. Make any necessary safety upgrades.
- Manager, staff, volunteers, and contractors to carry out any other necessary maintenance or repairs at all PRSS operations.
- Stewardship of the Lang Creek watershed through water quality data collection and reporting.
- Maintain equipment and carry out Forest Investment Account/ Community Forest sponsored water data collection on bi weekly basis-maintain Lang Creek Hydrological station. Deliver all available data to Drew Brayshaw at Year end for technical report development
- Volunteer Initiated Lang Creek Native Plant Garden – request volunteers to develop drought proof strategy to reduce/eliminate water usage. Request only native plants that are droughtproof. Work towards lowering footprint on property to unveil salmon lifecycle log.

Board of Directors and Manager

- Govern PRSS in accordance with PRSS Charter of Bylaws
- Review of wages and benefits for PRSS employees
- Foster relationship with Salmon Preservation Foundation (SPF) Committee.
- * Capital Projects/Equipment

Suggested Equipment/Facility Improvements/Projects Summary

- Essential annual and or emergency considerations- AD Salmon Centre- intake, counting fence, fishway, brood tanks, cameras, phones, computers (\$10 000 in annual budget forecast)



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2023 DFO IFMP Approved PRSS Egg Production Plan

Chinook

- Maximum DFO IFMP 920,000 eggs collected to supply Lang

Total – 920 000 Eggs Collected

Coho

- Maximum DFO IFMP 320,000 eggs collected to headwater stock Lang with 250-300,000 fry/smolts.

Total – 320,000 Eggs Collected

Chum

- Maximum DFO IFMP 800,000 eggs collected to produce 700-720,000 fry/smolts for release on Lang, Willingdon, Texada.

Total – 800,000 Eggs Collected

hard numbers on production targets are derived from green egg enumeration at egtake-survival rates vary from year to year. Estimated release numbers fluctuate every year.
This document is developed for the use of the PRSS Board of Directors for planning purposes. These numbers reflect no change in any recent history.

See below for targeted releases.



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2023 DFO IFMP Approved PRSS Targeted Production Release Plan*subject to change *(research new strategies to increase efficiency)

Chinook-

Total Target Release – 810 000-830 000 Lang includes headwater of 150 000 -250 000 @1-3 grams

Coho-

280 000-290 000 Lang, fry releases of 20,000 into Anderson, 20,000 B Creek, 20,000 Sloughs and 220,000 into Haslam @ approx. 1-3 grams.

Total Target Release – 280,000-290 000

Chum-

560,000 Lang, 560,000 transported to Lower Lang @ .75 -1.25 grams.
70,000 Willingdon, transferred @ .75 – 1 gram. Point release/troughs
70,000 Texada, transferred @ .75 – 1 gram. Point release/troughs

Total Target Release – 700,000-720 000



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Board Meeting Dates

All meetings scheduled for 10 am at the Public Library

*Zoom/MS Teams option to be available

May 15 2023

June 20 10 am 2023 AGM

September 11 2023

November 13 2023

January 15 2024

March 18 2024