

SEHAB update Kevin Ryan June 2025

North Shore, Port Moody and Maple Ridge

DFO CA Brian Smith (Port Moody, Maple Ridge)

DFO CA Gillian Steele (North Shore)

North Shore (CA Gillian Steele)

Seymour Hatchery Report from Shaun Hollingsworth

- 245,000 2024 BY chum fry released to the Seymour and Maplewood Cr; 20,000 chum fry to Mosquito (mix of Seymour and Alouette) in April 2025
- ponded 103,000 coho to troughs 2024 BY
- 32,500 summer steelhead eggs (2025 BY) taken from 9 females
- 9,000 winter steelhead eggs (2025 BY) taken from 3 females
- Transferred 7,000 2023 BY coho smolts to seapen in Port Moody Inlet May15
- Released 40,000 2023 BY coho smolts from Seymour Hatchery on May 23
- Released 20,000 2024 BY summer and winter steelhead smolts from PSEC wharf May22

Note BY= brood year

Question:

They have NSSK meetings ever 2 months. Good representation from all levels of government EXCEPT provincial. Asking why they are not attending or even responding to messages. Mentioned by Shaun Hollingsworth President.

North Shore Streamkeepers

Update from Keegan Cassidy

We installed a rain garden.

Citizen science project on **Wagg Creek**, storm water monitoring - **6PPD-Q** related. With support from DFO, UBC & SFU.

We were also **awarded \$450,000 from EDF Federal Govt (Environmental Damage fund) for a series of restoration projects on Mosquito Creek**. This should allow for ~110 more logs and 250 more boulders to be placed in the creek.

We have both engineered designs and will be submitting for our permits this week.

Then we received another \$40,000 from PSF and are "hoping" for another \$50,000 from the City of North Van.

The above projects in question are dubbed **Mosquito Phase 2B and Phase 3**.

We are hoping that we have enough funding left over to work with Metro Van on a Phase 4 fish passage project.

Morten Creek

So thankful to CA and PSSI for the safety for our volunteers due to **new bridge**. We are still listed as mire if an educational facility whole we view ourselves as a rebuilding hatchery . CA has grown quickly into her job.

Port Moody (CA Brian Smith)

Noons Creek

Community Events:

Open house ever Saturday

2000 coho smolts tagged and released 4 morts We had one blue Coho!

**Fingerling festival May 3 w 55 organizations joining
13000 Chum released**

We've had an increase in returning volunteers, and increased our board of directors. Our lab has also expanded to twice a week, and the results are being shared publicly on DataStream

Mossom Creek hatchery

Community Events:

Open House every Sunday: Average # visitors 40-50

Builders recognition event - 10 year anniversary June 11 4-6pm

2026 - 50 years since Ruth Foster and Rod MacVicar started environmental stewardship and education at Mossom Creek.

Another extremely busy winter and spring season at Mossom.

57,000 chum fry released in March

4,000 coho fry to be clipped late June and held in tanks for year

6,000 coho fedfry to be released into Mossom creek in late June

April and May have been extremely busy

4000 Mossom coho smolts tagged between April 13-16: Aprox 20 volunteers several DFO staff over 3.5 days involved

40,000 Chilliwack chinook brought in and moved from Rocky Point via barge to Seapen.

7,000 Seymour Coho brought in by road then via barge from Rocky Point to Seapen

Seaforth Environmental barge is a first and is an excellent way to transport salmon saving extra handling. The results were very evident vs last year where there were many more morts after transfer.

Weather concerns:

Due to atmospheric events in 2024 and 2025, our 1000 gallon cyclone holding tank suffered a catastrophic failure in January. Unknown to volunteers the silt drain blocked and silt built up causing the platform to collapse and tank buckle damaging 8" water supply line. DFO CA Brian and technician Eric responding immediately and were instrumental in dealing with all the plumbing. Thanks to assistance

from PSF emergency fund all material costs were covered, we were able to replace tank and platform within a 2 weeks. Fortunately when hatchery was built there was a bypass system installed so we were able to isolate one tank and work off the other. No loss of fish or eggs.

PIT tagging 2024 5 year Research Project 4000 coho:

1350 x 2 PIT tagged coho were transferred to seapen May 16.

4000 coho smolts tagged April 13-15 3 release locations

May 29 1) Group 1 released into Mossom Creek

May 30 2) Group 2 released from Seapen

3) Group 3 transferred from Seapen on barge to West Vancouver.

Antenna array was re-built, we switched to solar power DFO tech (Eric) installed.

Maple Ridge

Alouette River Management Hatchery (ALLCO)(ARMS)

Here is a summary from ARMS and the Allco Hatchery.

Released:

- 402,463 Chum, split between North & South Alouette River
- 17,433 unfed fry Coho due to BKD
- 10,000 fed fry Coho to various side streams around Maple Ridge
- 39,838 Chinook all to South Alouette River

Kanaka Creek (KEEPS) - Bell Irving Hatchery

Fish Fence replacement

The project is fully funded and logistics worked out thanks to PSSI and PSF. First tower replacement starts June 9th with the second tower replacement starting July 15th. Project should be complete by the end of July

Fish culture and public engagement.

Chum fry released to Kanaka Creek ~ 88,000

Chum fry transferred to 10 streams in Burnaby and Vancouver ~ 195,000

Total Chum fry released ~ 283,000

Coho smolts released to Kanaka Creek ~ 4000

Coho smolts transferred to Stoney Creek, Bby. ~ 1000

Total Coho smolts released ~ 5,000

We transferred 6000 chum eggs to school aquariums from Vancouver to Deroche this year.

We are looking forward to an announcement of a new round of funding for 2026 and beyond that will provide the necessary support to the SEP Public Involvement Programs and Education Programs, that will allow them to thrive in the years ahead!

General concern

PSSI funding ending in 2026. All hatcheries are concerned about what is happening after PSSI. Several ongoing projects such as PIT tagging require high level of DFO involvement, will they be able to continue? PSSI funding paid for our Aquatic teck position and lower mainland section head, will that continue? Can we count on this level of DFO support? Community hatcheries need to know so we can figure out expectations and workload of volunteers.

Kevin Ryan June 2025