



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Dworshak Fisheries Complex

P.O. Box 18

Ahsahka, ID

Phone: (208) 476-4591 FAX: (208) 476-3252



MEMORANDUM

To: Fisheries Supervisor, Columbia Basin Ecoregion
Region 1, Portland, OR

From: Complex Manager
Dworshak Fisheries Complex

Subject: **Monthly Activity Report –August, 2009**

Fish Management Culture

Dworshak

SPRING CHINOOK SALMON (SCS)

Brood Year (BY) 2008

At the end of the month there were approximately 1,125,316 BY08 SCS on station. These fish averaged 51 fish per pound (fpp) and 102 mm (4.0 inches) total length. Mortality for the month averaged 0.1 percent and raceway (RW) water temperature averaged 45.3°F.

COHO SALMON (COS)

Brood Year 2008

At the end of the month there were 356,531 COS averaging 32 fpp and 114 mm (4.5 inches) total length on station. Coho are in Burrows ponds (BPs) 51-53-55-57-59. Mortality for the month was 0.6 percent and water temperature averaged 45.3°F for the month.

SUMMER STEELHEAD (SST)

Brood Year 2009

There were a total of 2.56 million SST moved out of the nursery beginning in May and ending on July 28. By the end of August there were approximately 700,000 mortalities in these fish since May. *Infectious Hematopoietic Necrosis Virus* (IHNV), gas bubble, and cold-water disease have been diagnosed in the SST over the summer and high mortality continued into September. Adipose fin (AD) clipping was to begin in August but was moved to September in the hope that overall fish-health would improve before the SST are handled through the marking trailer. Once the AD clipping is completed this fall a more accurate count of SST on station will be obtained.

System I had 694,065 BY09 SST averaging 39 fpp and 107 mm (4.2 inches) total length by the end of the month. Mortality was 15.1 percent and water temperature averaged 45.3°F for the month.

System II had 797,133 BY09 SST averaging 60 fpp and 92 mm (3.6 inches) total length by the end of the month. Mortality was 0.1 percent and water temperature averaged 45.3°F for the month.

System III had 377,461 BY09 SST averaging 24 fpp and 125 mm (4.9 inches) total length by the end of the month. Mortality was 34.4 percent for the month. Water temperature averaged 45.3°F for the month.

RAINBOW TROUT (RBT)

Brood Year 2009

At the end of the month there were 13,685 BY09 RBT in BP61 averaging 14 fpp and 141 mm (5.6inches) total length. Mortality was 0.3 percent and water temperature in the tanks averaged 45.3°F during the month.

These fish will be utilized for the Kids Fishing Day in 2010.

SUMMARY

Table 2 Total Production—Fish on Station (07/31/09).

SP	BY	Location	Number	Wt (lbs)	FPP	L in	L mm
SCS	08	A-Bank RWs	1,125,316	22,140	51	4.0	102
COS	08	BPs	356,531	11,270	31.6	4.5	114
SST	09	System I	694,065	18,026	38.5	4.2	107
SST	09	System II	797,133	13,378	59.6	3.6	92
SST	09	System III	377,461	15,558	24.3	4.9	125
RBT	09	BP 61	13,685	945	14.5	5.6	141
Total			3,364,191	81,317			

Kooskia Trap Operations Brood Year (BY)2009

The trap remained closed through August.

Kooskia Brood Year 2009

Spawning of BY09 adults began August 11th. A total of 223 females were spawned, resulting in an estimated 780,500 green eggs.

BY09 Kooskia Stock SCS Spawning Summary.

Take	Date	Jacks	Males	Females	Est. Green Eggs
1	8/11/09	5	19	24	84,000
2	8/18/09	0	53	58	203,000
3	8/25/09	2	45	63	220,500
4	9/1/09	15	52	78	273,000
	Total:	22	169	223	780,500

Kooskia Brood Year 2008

Kooskia Stock BY08 SCS number 634,237 averaging 44.5 fpp at 4.00 inches long. Growth for the month was .70 inches. Kooskia stock SCS remain in the BP's on reuse with chilled well water makeup. The reuse water temperature averaged 48.4°F this month.

A Idaho Fish Health Center (IFHC) health exam was conducted August 3rd. No ICH was found and the fish appear to be in good overall health. No formalin or drug treatments this month.

Maintenance

Dworshak

- Electrical projects: Assisted U.S. Army Corps of Engineers (COE) and pump rep with #1 domestic water pump; installed #1 make-up pump and motor in Mech II; assisted contractors with circuit removal and de-energization in Nursery Room; hooked up and troubleshot circuits in Bio-Mark tagging trailers and worked on Main Bldg. air conditioning and changed filters.
- Fabrication projects: Pipe support for domestic water pipes in Feed Bldg. and Spawning room basements; cap for underground valve box for water shut off for FRO trailer; marking trailer tanks and tables for FRO's new trailer; installed otter fencing around Systems I, II & III.
- Vehicle maintenance including repair battery charger cord, changed oil and filters, replaced sprockets and chains on complex vehicles and John Deere Gator.
- Hauled old Nursery room lights to KNFH.
- Hauled several loads of fish to the Ahsahka boat ramp for release.
- Replaced bird netting between A & B RW's and repaired damaged bird netting over Pond 76 & 78 in System III.
- Installed drains and screens in #2 mix cell pond.
- Repaired extension cords and mort nets and a broken grip strut.
- Cleaned shop and repaired Tig welding torch.
- Took old fish off pump off trailer and installed new fitting for dewatering tower.
- Moved furniture in Admin Office.
- Installed Main pump #3 in Main pump house.
- Daily ran traveling water screens, checked main pumps in Main Pump House, cleaned moss from moss trap, check fire and maintenance pumps and screens and building maintenance.
- Repaired sprinklers on lawns and grounds maintenance.

Kooskia

- New septic tank and sewer line installed at the riverside quarters.
- McMillan engineering conducted site visit to begin design for the egg incubation water recirculation system project.

Meetings/Training/Travel

Dworshak

- 8/10 Tim Dykstra, COE, here to go over Annual Work Plan with Larry Peltz, Complex Manager.
- 8/11 Julie Davin & Dave Salghetto, COE, here to meet with Larry Peltz and Hubert Sims, Maintenance Supervisor regarding nursery overflow pipe Project.
- 8/12 Larry Peltz and Mark Drobish, Hatchery Manager traveled to Portland, OR, to meet with Region 1 Human Resources.

Kooskia

- 8/24-26: Adam Izbicki went to Portland to participate in contractor evaluations and bids for the new hatchery quarters project.

Miscellaneous

- 8/26 August birthday parties were celebrated in the Main Bldg. Conference room, hosted by Admin staff with root beer/orange floats & cookies being served.

Personnel Actions –

Safety/Wellness –

- 8/5 Aaron Garcia, Region 1 Boat Safety Officer gave the staff a short presentation on boating safety.

Information/Education (I/E)

Dworshak

Tours – 1 for 5 people

Visitor Register – 0 – Hatchery closed due to construction

Visitor Contacts –

Volunteers – 4 Hours – 30 Website contacts – (data not available)

On-site:

- Specialist Wandag participated in monthly Connecting People with Nature workgroup conference call.

Off-site:

- Conducted campground program at Dworshak State Park, for 4 adults.
- Assisted with fisheries program and tour for Moscow Adventure Club/My Woods program, for 43 students.

Kooskia

No visitors signed the guest book. No guided tours, but many visitors stopping to check the trap, see the big fish, and take a look around the hatchery grounds.

Website contacts: (data not available)

Education and Outreach projects:

- Provided resources to Kooskia Ranger District office for development of their campground program on salmon

A handwritten signature in black ink that reads "Larry Peltz". The signature is written in a cursive style with a light blue background behind it.

Larry Peltz

Complex Manager

cc: Kooskia NFH
Hagerman NFH
CFRU – Moscow
Dworshak Production (2)
LSRCP – Boise