

Oregon Department of Fish and Wildlife

Lookingglass Hatchery Monthly Progress Report

Reporting Month: June 2008
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Date: 7/3/2008

Fish Culture:

- Picked mortality daily in Raceways.
- Setup and watered up raceways for coded wire tagging.
- Cleaned settling pond and cut new dam boards for settling pond and set back up.
- Cleaned raceways after flood event, monitoring for DEQ compliance.
- Fed fish in the Raceways according to monthly feed program
- Lookingglass creek water is the water supply to the raceways.
- Collected data from Steelhead, Chinook and Bull Trout captured in the intake trap. The Steelhead and Bull Trout were transported upstream and released; the Chinook were collected as brood stock.
- Started treating adults with formalin on Monday, Wednesday and Friday as a treatment for fungus
- Coded wire tagging was started on 16th with the evening shift in the autofish trailer.
- Coded wire tagging started on the 23rd in the manual trailer.
- Sampled fish in the raceways to monitor fish growth
- Went to Imnaha facility and setup holding pond and fish ladder for adult collection.
- Emergency was declared on the 16th when rock and debris from the high water event last month made the traveling water screens inoperable.

Fish Distributions:

Fish On Hand In Raceways:

<u>DATE</u>	<u>SPECIES</u>	<u>STOCK</u>	<u>SIZE f/lb</u>	<u>grams/fish</u>	<u>NUMBER</u>	<u>LOCATION</u>
7/1/08	CHS	CQ201-07	132.1	3.44	47,012	RW # 1**
7/1/08	CHS	CQ201-07	123.3	3.69	46,565	RW # 2**
7/1/08	CHS	CQ201-07	133.4	3.41	46,033	RW # 3**
7/1/08	CHS	CQ201F07	102.3	4.44	1,922	RW # 4**
7/1/08	CHS	CQ201F07	102.3	4.44	73,465	RW # 5*
7/1/08	CHS	CQ201F07	96.6	4.70	27,964	RW # 6*
7/1/08	CHS	LG81-07	97.8	4.65	49,343	RW # 7*
7/1/08	CHS	GQ80F07	88.9	5.11	59,351	RW # 8*
7/1/08	CHS	GQ80-07	90.3	5.03	95,280	RW # 9*
7/1/08	CHS	LQ200-07	115.8	3.92	62,524	RW # 10**
7/1/08	CHS	LQ200-07	116.7	3.89	62,542	RW # 11**
7/1/08	CHS	LQ200-07	121.1	3.75	62,420	RW # 12**
7/1/08	CHS	LQ200F07	135.6	3.35	62,466	RW # 13**
7/1/08	CHS	IM29-07	105.7	4.30	59,093	RW # 14**
7/1/08	CHS	IM29-07	105.7	4.30	59,144	RW # 15**
7/1/08	CHS	IM29-07	105.7	4.30	13,542	RW # 16*

7/1/08 CHS IM29-07 105.7 4.30 62,123 RW # 17*
 7/1/08 CHS IM29-07 105.7 4.30 98,104 RW # 18*

* = Not marked yet, ** = marking completed

Stock	# of Fish	Production Goal	% of Goal	Meeting Goal
CQ 201-07*	139,610	130,000	107.4	YES
CQ 201-F-07*	103,351			
LG 81-07	49,343	250,000	19.7 %	NO
GQ 80-07	95,280	250,000	38.1 %	NO
GQ 80-F-07	59,351			
LQ 200-07	187,486	187,500	100.0 %	YES
LQ 200-07**	41,718			
LQ 200-F-07	62,466	62,500	100.0 %	YES
LQ 200-F-07**	26,130			
IM 29-07	292,006	360,000	81.1 %	NO

* Surplus to Lookingglass

** Surplus to be released after Marking

Fish Health

- Sam Onjukka was here on the 18th to do the monthly fish health examination. The following report is for June.

II. LSRCP Fish Health Examinations

A. Lookingglass Hatchery

BY2007 ChS – There were no reported fish health related problems. See summary below for June. No virus has been detected thus far this year. Virus and BKD testing results are pending for June.

June Fish Health summary for BY2007 spring Chinook juveniles on hand at Lookingglass Hatchery.

Stock #	Stock Name	Culture Results	Comments
201W07	Catherine Creek Conventional	4/10 (40%) had low-moderate levels of Aero monad-pseudomonad (APS) bacteria.	2/10 mort/moribund fish had tail erosion
201F07	Catherine Creek Captive Brood progeny	1/8 (12.5%) had a heavy level of APS bacteria.	2/8 had tail erosion
80W07	Grande Ronde River Conventional	5/6 (83.3%) APS bacteria	5/6 had complete tail erosion and caudal area fungus
80F07	Grande Ronde River Captive Brood progeny	2/10 (20%) APS bacteria	
8107	Lookingglass Creek	4/10 (40%) APS bacteria and 1/10 (10%) internal fungus	1/9 had a kidney adhesion
200W07	Lostine River Conventional	No significant levels of systemic bacteria detected	
200F07	Lostine River Captive Brood progeny	1/10 (10%) had APS bacteria and 4/10 (40%) had low-moderate levels of mixed bacterial growth	3/10 had severe tail erosion and one of these had some caudal area fungus
2907	Imnaha River	2/10 (20%) had APS bacteria and 3/10 (30%) had low-moderate levels of mixed bacterial growth	1/10 had tail erosion

Proliferation Examination (parr release), Lostine River 200W/F07 ChS – All grab-sampled (N=29) BKD ELISA values from raceway 15 were ≤ 0.125 OD units; 10 mort/moribund fish had values ≤ 0.085 OD units. Three of 10 mort/moribund fish had heavy levels of *Pseudomonas*

fluorescens. Virus testing results are pending.

Maintenance:

BY HATCHERY CREW:

- Repaired mechanical feeders on the raceways.
- Cleaned rock out of fish ladder.
- Cleaned settling pond.
- Constructed guard for alarm floats in circular 21.
- Assisted in cleaning debris from intake.
- Repaired JD 755 mower.
- Repaired JD 170 mower.
- Put fuel treatment in walk behind snow blowers and snowmobiles.
- Painted aluminum gates in adult holding ponds.
- Repaired bandsaw and built base to raise bandsaw.
- Started building box for recycling.
- Worked on traveling water screens.
- Repaired tires on JD 170 and JD 318.

BY CONTRACTORS:

- **Mike Becker Const.** – Used emergency water pumps to supply water to hatchery and cleaned out debris inside intake structure.
- **IKON Repairman** – Repaired office copier.
- **Sessco Pumps** – Delivered 2 water pumps from Portland

NPDES Waste Discharge Permit Monitoring

- Chemical usage log was updated
- Quarterly DEQ samples were taken this month.

Public Outreach:

- Tour was given to 12 people from Center for Human Development.

Miscellaneous:

- Volunteer picked up parts and supplies from town and delivered them to the hatchery.
- Volunteer drove to Enterprise OR, to deliver supplies.
- Volunteer returned rented pump to town.

Personnel:

- 2 laborer positions were filled by Justin Hook and Nathaniel Ashley.
- Seasonal Technician Donna Viss was selected for a limited duration position at Willamette Hatchery. She will start there July 14th.

Safety:

- The monthly safety meeting was held June 25th.
- The topics covered in the monthly safety meeting were proper use of power and hand tools.

Other:

- Nothing at this time

Innaha Adult Trap and Acclimation Facility:

- Mowed lawn and pruned shrubs around facility.
- Trapped 3 Bull Trout, 1 sucker and 3 whitefish in Innaha trap
- CFS in river prohibits installing weir. Facility is being checked twice weekly but not officially opened yet

Distribution:

Joe Krakker	Lower Snake, Boise
Chris Starr	Lower Snake, Boise
Scott Marshall	Lower Snake, Boise
Tammy Froscher	Lower Snake, Boise
Sam Onjukka	Pathology, LaGrande
Mary Hoverson	N. E. Region, LaGrande
Scott Patterson	N. E. Region, LaGrande
Kim Sines	N. E. Region, LaGrande
Brad Smith	N. E. Region, Enterprise
Bill Knox	N. E. Region, Enterprise
Fred Monzyk	Research, La Grande
Rich Carmichael	Research, LaGrande
Pat Keniry	Research, LaGrande
Tim Hoffnagle	Research, LaGrande
Deb Eddy	Research, LaGrande
Steve Boe	C.T.U.I.R., LaGrande
Mike McLean	C.T.U.I.R., LaGrande
Carrie Crump	C.T.U.I.R., LaGrande
Laurie Hewitt	C.T.U.I.R., LaGrande
Gary James	C.T.U.I.R., Pendleton
Brian Zimmerman	C.T.U.I.R., Pendleton

Becky Johnson	Nez Perce, Enterprise
Jim Harbeck	Nez Perce, Enterprise
Rick Zollman	Nez Perce, Enterprise
Peter Cleary	Nez Perce, Enterprise
Rusty Eschler	Nez Perce, Enterprise
Mary Edwards	Nez Perce, Enterprise
Cameron Albee	Nez Perce, Enterprise
Mike Gribble	Irrigon Hatchery
Marla Chaney	Bonneville Hatchery
Greg Davis	Wallowa Hatchery
Duane Banks	Oxbow Hatchery
Guy Chilton	ODFW, Salem Hdqrts
Muhammad Latif	ODFW, Salem Hdqrts
Todd Hanna	Mt. Hood CC
Roger Elmore	Lookingglass Hatchery
Bill Barnes	Lookingglass Hatchery
Diane Deal	Lookingglass Hatchery
Albert Pollreis	Lookingglass Hatchery
Brian Johnson	Lookingglass Hatchery
Tim Helwick	Lookingglass Hatchery