

Oregon Department of Fish and Wildlife

Lookingglass Hatchery Monthly Progress Report

Reporting Month: **June 2009**
Author(s) : **Roger Elmore**

Fish Culture:

Fish marking began on June 2 and continued until the evening of June 24. Brood year 08 fish inventory numbers in the raceways as supplied by fish marking are as follows:

- Catherine Creek conventionals—115,331
- Catherine Creek captives—35,698
- Upper Grande Ronde conventionals—42,760
- Upper Grande Ronde captives—195,702
- Lostine River conventionals—187,245
- Lostine River captives—63,320
- Lookingglass—157,798
- Innaha—399,821

There were an additional 12,654 Lostine River captives and 54,166 Lostine River conventionals that were marked and released as parr back into the Lostine River on June 5. The parr were released due to space and density considerations.

Work continues at the Innaha Satellite Facility to construct additional holding space for returning fish. Anticipated completion date is the week of July 6 assuming all goes well. The Innaha weir was completely installed on June 24 with the first fish in the trap the next day. Roger, Joseph Feldhaus, Deb Eddy, Tim Hoffnagle, and Rich Carmichael discussed the sampling rate to be used at Innaha with respect to the large amount of jacks expected to return. Coordination of transfers of jacks and some hatchery adults to Wallowa Hatchery for subsequent giveaway to tribal and food banks was discussed with Wallowa Hatchery staff.

Broodstock from all trapping locations were received and ponded throughout the month. The first Chinook of the year was trapped at Lookingglass on June 5. Through the month of June a total of 297 fish were trapped including 44 males, 51 females, and 202 jacks. Sixty nine jacks were distributed to the Elgin Food Bank on June 23.

The UV treatment system was shut down for the year. The system has been pressure washed and cleaned. Erythromycin medicated feed has been ordered to treat all fish after marking. A 28 day treatment is planned for July.

Maintenance:

Union County community service workers have been cutting firewood and cleaning up the area where construction of new residences is expected to begin possibly later this summer. A licensed applicator sprayed noxious weeds around the hatchery property. Rogers Asphalt Co. prepared a bid for repair and patching of asphalt around the

hatchery. Ladco Electric finished the lighting replacement project designed to increase efficiency and reduce energy costs.

NPDES Waste Discharge Permit Monitoring

NPDES sampling was performed in June without noncompliance issues. Quarterly domestic water samples were submitted. No coliform bacteria were present.

Miscellaneous:

Roger and Mike Herr attended database program training learning how to use the Lower Snake/IDFG program. Roger attended the Columbia River Hatchery Review team meetings in LaGrande.

Personnel:

Nathaniel Ashley and Justin Hook began work on June 1 as summer laborers. Marcus Green, an Elgin High School student, is working as an intern for a couple of months through the Training and Employment Consortium. One performance evaluation was submitted.

Safety:

The monthly safety meeting was held June 25. Topics covered were safe use and handling of formalin. The Quarterly Safety Inspection was performed.

Fish Production and Distribution:

Fish in Raceways

Pond #	Species	Stock	Number of Fish	lbs of fish	F/lb	grams/Fish
1	CHS	CQ201-08	74,457	677	110.0	4.1
2A	CHS	CQ201-08	40,097	378	106.0	4.3
2B	CHS	CQ201F-08	35,418	264	134.0	3.4
3	CHS	LG 81-08*	74,892	851	88.0	5.2
4	CHS	LG 81-08*	81,695	834	98.0	4.6
5	CHS	GQ 80-08	42,611	533	80.0	5.7
6	CHS	GQ 80F-08	65,699	447	147.0	3.1
7	CHS	GQ 80F-08	66,424	423	157.0	2.9

8	CHS	GQ 80F-08	62,128	409	152.0	3.0
9	CHS	LQ 200-08	62,307	708	88.0	5.2
10	CHS	LQ 200F-08	62,924	470	134.0	3.4
11	CHS	LQ 200-08	62,483	672	93.0	4.9
12	CHS	LQ 200-08	61,737	630	98.0	4.6
13	CHS	IM-29	67,658	867	78.0	5.8
14	CHS	IM-29	67,308	821	82.0	5.5
15	CHS	IM-29	67,552	877	77.0	5.9
16	CHS	IM-29	67,522	877	77.0	5.9
17	CHS	IM-29	67,405	793	85.0	5.3
18	CHS	IM-29	61,024	663	92.0	4.9
Totals/Average			1,191,341	12,194	104.0	4.6

*103,060 at Irrigon

Stock	# of Fish	Production Goal	% of Goal	Meeting Goal
CQ 201-08	114,554	111,800	102.4	YES
CQ 201-F-08	35,418	35,100	100.9	YES
LG 81-08	156,587	251,800	62.1	No
GQ 80-08	42,611	40,000	106.6	YES
GQ 80-F-08	194,251	196,000	99.1	NO
LQ 200-08*	186,527	248,500	75	NO
LQ 200-F-08*	62,924	62,500	100	YES
IM 29-08	398,469	399,000	99.8	NO

1,191,341

*66,820 released as parr

Fish Health

Fish pathology performed monthly sampling on June 20. Results are not yet available. The May results are below.

II. LSRCP Fish Health Examinations

A. Lookingglass Hatchery

BY2008 ChS – We conducted monthly monitoring on May 20 – see summary table below. There were no reported fish problems and losses were at normal levels. All BY2008 fish tested for virus were negative. There was ~29% reduction in total bacterial counts in post UV treated Lookingglass Creek water in May with a flow setting of ~500 GPM (theoretical dose ~140,000 mw).

May Fish Health summary for BY2008 spring Chinook juveniles on hand at Lookingglass Hatchery

Stock #	Stock Name	Culture Results	Comments
201W08	Catherine Creek Conventional	3/10 aeromonad pseudomonad (APS) bacteria	
201F08	Catherine Creek Captive Brood progeny	No significant levels of systemic bacteria	
80W08	Grande Ronde River Conventional	No significant levels of systemic bacteria	
80F08	Grande Ronde River Captive Brood progeny	2/10 APS bacteria	
8108	Lookingglass Creek	No significant levels of systemic bacteria	
200W08	Lostine River Conventional	No significant levels of systemic bacteria	
200F08	Lostine River Captive Brood progeny	7/10 APS bacteria	
2908	Imnaha River	2/10 APS bacteria	

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
Joe Feldhaus	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
Shawn Sealey	Nez Perce, Enterprise
Mary Edwards	Nez Perce, Enterprise
Cameron Albee	Nez Perce, Enterprise
Mike Gribble	Irrigon Hatchery
Marla Chaney	Bonneville Hatchery
Guy Chilton	ODFW, Salem HQ
Muhammad Latif	ODFW, Salem HQ
Roger Elmore	Lookingglass Hatchery
Diane Deal	Lookingglass Hatchery