

# **Oregon Department of Fish and Wildlife**

## **Lookingglass Hatchery Monthly Progress Report**

**Reporting Month:** September 2008  
**Author(s) :** Roger Elmore

### **Fish Culture:**

Lookingglass Hatchery staff performed the usual fish culture tasks including feeding fish, collecting mortalities and monitoring water flows in all fish rearing and holding containers. Formalin treatments were administered to incubating eggs.

Spring Chinook trapping and spawning activities which began in mid August came to a close. A total of 372 fish were trapped at the Lookingglass Hatchery trap and 2,072 trapped at Imnaha. Spawning of all stocks ended on September 12. There were 32 Catherine Creek, 12 Upper Grande Ronde, 76 Lookingglass, 104 Imnaha, and 56 Lostine females spawned for a total of 280 fish spawned. Corresponding estimated green egg take is: CC-122,266, UGR-45,506, LG-307,200, IM-469,203, and LR-246,478 for a total of 1,190,653. The first lots of eyed eggs were shocked and picked near the end of the month. LGH would like to thank our cooperators from the Nez Perce Fisheries and Confederated Tribes of the Umatilla for helping make the 2008 spawning season a success.

Sample counts of brood year 2007 pre-smolts averaged 32 fish per pound. The tagging trailer from Fish ID was delivered in anticipation of PIT tagging to begin in early October. LGH crew entered trapping and spawning data into the HMIS system. CTUIR collected 150 BY 2007 Upper Grande River conventional fish and transferred them to Wallowa Hatchery to become part of the Captive Brood program.

### **Maintenance:**

The Lookingglass hatchery crew cleaned the adult holding ponds and adult circular tanks after spawning. The adult trap was dismantled and stored. Culverts and ditches along the entry way road were cleared of debris. The weir at Imnaha was removed on September 23<sup>rd</sup> and the fall back barrier weir above the Lookingglass intake was removed September 25<sup>th</sup>.

Wheeler Communications is acquiring new components for the Imnaha radio telephone and the phone should be in operation by the end of October.

### **NPDES Waste Discharge Permit Monitoring**

- Quarterly NPDES/DEQ water samples were collected and submitted. There were no non-compliance issues. Chemical usage was recorded in the log. Domestic water samples were taken and submitted with results negative for coliform bacteria.

### **Miscellaneous:**

- Chris Starr from USFWS/LSRCP was here for an annual real property inventory and maintenance inspection. Chris and Roger traveled to Imnaha and discussed maintenance issues concerning the Imnaha facility.

### **Personnel:**

- Justin 'Bud' Hook and Nathaniel Ashley completed their seasonal laborer appointments at the end of September. All of the staff at LGH appreciates their work and wish them well in future endeavors.

### **Safety:**

- The monthly safety meeting was held September 15 on the proper operation and hazards to be aware of in the use of pressure washing machines. As a result of the meeting, a more secure platform for holding the pressure washer was built.

### **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>
9/01/08	CHS	CQ20107	33.0	13.8	46,943	LGH (R-1)
9/01/08	CHS	CQ20107	33.0	13.8	46,487	LGH (R-2)
9/01/08	CHS	CQ20107	34.0	13.4	45,867	LGH (R-3)
9/01/08	CHS	CQ201F06	34.0	13.4	72,281	LGH (R-4)
9/01/08	CHS	CQ201F06	32.0	14.2	28,415	LGH (R-5)
9/01/08	CHS	LG8107	31.0	14.6	50,197	LGH (R-6)
9/01/08	CHS	GQ8007	30.0	15.2	49,831	LGH (R-7)
9/01/08	CHS	GQ80F07	31.0	14.4	52,591	LGH (R-8)
9/01/08	CHS	GQ8007	30.0	15.3	44,805	LGH (R-9)
9/01/08	CHS	LQ20007	34.0	13.2	62,254	LGH (R-10)
9/01/08	CHS	LQ20007	34.0	13.5	62,367	LGH (R-11)
9/01/08	CHS	LQ20007	35.0	12.9	61,912	LGH (R-12)
9/01/08	CHS	LQ200F07	39.0	11.7	62,157	LGH (R-13)
9/01/08	CHS	IM2907	34.0	13.4	58,985	LGH (R-14)
9/01/08	CHS	IM2907	28.0	16.2	59,034	LGH (R-15)
9/01/08	CHS	IM2907	30.0	15.1	59,019	LGH (R-16)
9/01/08	CHS	IM2907	29.0	15.7	55,165	LGH (R-17)
9/01/08	CHS	IM2907	32.0	14.2	62,493	LGH (R-18)
Total					980,513	

<b>Stock</b>	<b># of Fish</b>	<b>Production Goal</b>	<b>% of Goal</b>	<b>Meeting Goal</b>
CQ 201-07	139,241	130,000	107	YES
CQ 201-F-07*	100,662			
LG 81-07	50,197	250,000	60.3**	NO
GQ 80-07	94,601	250,000	37.8	NO
GQ 80-F-07	52,573			
LQ 200-07	186,454	187,500	99.4	YES
LQ 200-F-07	62,124	62,500	99.4	YES
IM 29-07	294,661	360,000	81.8	NO

\* Surplus to Lookingglass

\*\* includes surplus from Catherine Creek Captives

### **Fish Health**

Pathology was here in September to do monthly samples. A combined report for August and September will be sent out in October. Mortalities remain at a very low level in the BY 2007 fish.

### **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  
Cameron Albee  
Mike Gribble  
Marla Chaney  
Greg Davis  
Duane Banks  
Guy Chilton  
Muhammad Latif  
Todd Hanna  
Roger Elmore  
Bill Barnes  
Diane Deal  
Albert Pollreis  
Brian Johnson  
Tim Helwick

Nez Perce, Enterprise  
Nez Perce, Enterprise  
Irrigon Hatchery  
Bonneville Hatchery  
Bonneville Hatchery  
Oxbow Hatchery  
ODFW, Salem HQ  
ODFW, Salem HQ  
Mt. Hood CC  
Lookingglass Hatchery  
Lookingglass Hatchery  
Lookingglass Hatchery  
Lookingglass Hatchery  
Lookingglass Hatchery  
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