

Monthly Progress Report

DATE: June 8, 2009

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– Brad Smith

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FROM: Wallowa Hatchery – Pat Naas

SUBJECT: Monthly Progress Report for May 2009

Fish Culture

Wallowa

Captive Spring Chinook Parr

Current captive parr program summarized below. No stated goal for loss or survival rate.

Stock/Cohort	Number Collected (life stage)	Number On Hand	Cumulative Transfers and liberations	Mortality Current Month	Production Goal	% of Goal	Size	Meeting Goal? (Yes or No)
GR/07 - Conventional	159	0	150	0	150	100%	20.9	Yes
GR/07- Conventional (LG)	150	0	150	0	150	100%	20	Yes
80Z08	162(alevin)	160	0	0	150	106%	164	Yes

*LG is being used in this report to designate fish received from Lookingglass Hatchery to replace the 150 parr which normally would be collected from the Grande Ronde River. Parr collection from the Grande Ronde River has been unsuccessful thus far.

- The staff has continued daily feeding, photo period adjustments and tank maintenance.
- 150 wild-bred juvenile Chinook will be collected from the Grand Ronde this summer.
- All 300 fish from the 07 brood year were transferred to Bonneville on May 6th.

Summer Steelhead Smolts

Stock/Cohort	Number received (life stage)	Number On Hand	Cumulative Transfers and liberations	Mortality Current Month	Production Goal	% of Goal	Size	Meeting Goal? (Yes or No)
5608	112,188 (smolts)	0	112,052	*	*	*	*	Yes

- 258,351 smolts were forcibly released during the month of April.
- *Forcible release of remaining 112,052 smolts began in April and was completed on May 7th.
- During April and May, 370,403 total smolts were released.

Wallowa Hatchery Steelhead Adults

- Only 71 adults were collected as this year's run enters its closing stages.
- 28 were held to be spawned at a later date to test the use of a new moist air incubator system.

Lot Species	Number Collected	Number On Hand	No. of females to spawn Goal	% of Goal	Expect to Meet Goal? (Yes or No)
5609 STS	3,249	0	0	100%	yes
5609 – STS (RV clipped)	503	0	0	100%	Yes

*RV clipped adults are the progeny of the Fall Collected Brood program

72T07 Rainbow Trout, 72T08 Rainbow Trout

The production goal for these fish is 40,000 fish at 3/lb to be released into Wallowa County lakes and ponds from April through August 2009; we do not have enough fish on hand to meet this goal. The balance will be made up from Irrigon Hatchery.

Stock/Cohort	Number received (life stage)	Number On Hand	Cumulative Transfers and liberations	Mortality Current Month	Production Goal	% of Goal	Size	Meeting Goal? (Yes or No)
72 T 07 RBT	38,641 (fingerling)	26,477	10,508	105	40,000		3.2	Yes
72 T 07 RBT (Trophy)	319 (1/2 pound)	305	0	0	none		.5	Yes
72 T 08	500	388	0	5	60	647%	153	Yes

- Mortality continues to be low and fish size and health are both excellent.
- Five liberations released 5,751 legals to Victor Pond, Kinney Lake, Wallowa Wildlife Pond, and Marr Pond.

- The whirling disease test trout continue to eat well and show healthy activity levels. They are now feeding on #1 and #2 crumb.

Big Canyon

Summer Steelhead Smolts

Stock/Cohort	Number received (life stage)	Number On Hand	Cumulative Transfers and liberations	Mortality Current Month	Production Goal	% of Goal	Size	Meeting Goal? (Yes or No)
5608	140,173 (smolts)	0	137,143	*	*	*	*	Yes

- First Acclimation: 144,878 smolts were forcibly released during April.
- *Forcible release of 137,143 remaining smolts was completed on May 12th.
- During April and May, 282,021 smolts were released.

Steelhead Adults

Lot Species	Number Collected	Number On Hand	No. of females to spawn Goal	% of Goal	Expect to Meet Goal? (Yes or No)
5609 STS	1869	0	0	100%	yes

- 176 adults were collected, of which 20 were wild and 156 hatchery.
- 49 were held to be spawned at a later date to test the use of a new moist air incubator system.

Little Sheep

Steelhead Adults

- Two spawns for the month completed our season, with eggs collected from 51 females for the year.
- 1,253 adults have been collected; 185 wild, 1068 hatchery. 866 were sent to Big Sheep and 112 to Little Sheep.

Lot Species	Number Collected	Number On Hand	No. of females to spawn Goal	% of Goal	Expect to Meet Goal? (Yes or No)
2909 STS	1253	0	0	100%	yes

Fish Health

- The captive fish continue to show excellent appearance and activity levels.
- In general, the trout appear to be in pretty decent condition. Mortality holds at low levels.
- Whirling disease test fish continue to show excellent health.

Fish Distributions

Wallowa

- 968,875 eggs were transferred to Irrigon.
- 40,000 fry were transferred to Lyon's Ferry.
- 300 Captive Brood Chinook were transferred to Bonneville.

Big Canyon

- 20 wild adults were released into Deer Creek.

Little Sheep

- 69 adults were released into Little Sheep and Big Sheep Creeks.

Maintenance

Wallowa

- Wooden crowders completed.
- Pressure washed acclimation ponds.
- Lawn maintenance.
- Driveway enhancement.

Big Canyon

- Pressure washed acclimation ponds.
- General cleanup in preparation for the end of the season.
- Lawn maintenance.

Little Sheep

- Pressure washed acclimation pond.
- General cleanup in preparation for the end of the season.
- Lawn maintenance.

NPDES Waste Discharge Permit Monitoring

- May was not a sampling month of highest production. Water, flow, and pH samples were collected as required.
- The daily chemical use log was updated onto our monthly chemical use log as required.

Public Outreach

- The display signs were updated weekly to reflect current fish runs.

- There were several tours held for school groups.
- Cleanup of Marr Pond in preparation for Free Fishing Weekend.

Miscellaneous

- Ron attended R&E meeting to give a presentation on fish pump grant proposal.
- Chad attended regional quarterly meeting in La Grande.
- Hatchery Review Team toured the main hatchery and both satellite facilities.

Personnel Status

- We were fully staffed this month.
- Chuck Stelling and Steve Deal finished their seasonal positions.

As Of 5/26/09

Adult StS Collection and Distribution

		On Hand		Collected		Released		Spawned	
		M	F	M	F	M	F	M	F
Wallowa	Hatchery	11	17	1136	1585	0	0	177	180
5609 StS	Wild	0	0	14	11	13	9	0	0
	RV	0	0	248	255	0	0	48	45

		On Hand		Collected		Released		Re-Runs	
		M	F	M	F	M	F	M	F
Big Canyon	Hatchery	11	38	679	1110	44	64	26	34
5609 StS	Wild	0	0	38	42	38	42	0	0

		On Hand		Collected		Released		Spawned	
		M	F	M	F	M	F	M	F
Little Sheep	Hatchery	0	0	481	587	431	547	54	51
2909 StS	Wild	0	0	65	120	64	105	0	16

Distribution

Distribution	Wallowa R				Wallowa R				
	Food Banks		To Ponds		Upstream		Downstream		
	M	F	M	F	M	F	M	F	
5609 StS									
Hatchery	1292	2147	166	86	0	0	44	64	
Wild									

Distribution	Little Sheep		Big Sheep		Bull Trout	Little Sheep		Big Canyon
	M	F	M	F		Total to Date	Trap Status	
2909 StS								
Hatchery	48	64	383	483		Open	Open	
Wild	64	105	0	0				

As of 4/30/09

StS Egg Collection Summary

Wallowa	Females	Estimated	% Egg Loss	Eyed Eggs	Actual
	Spawned	Egg Take		Shipped	Fecundity
5609 StS	240	1,224,000	20.3%	449,200	6,010

Little Sheep	Females	Estimated	% Egg Loss	Eyed Eggs	Actual
	Spawned	Egg Take		Shipped	Fecundity
2909 StS	42	199,500	0.0%	0	0

Wallowa Fall Collected	Females	Estimated	% Egg Loss	Eyed Eggs	Actual
	Spawned	Egg Take		Shipped	Fecundity
5609 StS	42	214,200	20.3%	74,000	4,884

Wallowa Fall Collected- is for information only. FCB females spawned and egg take are not in addition to the Wallowa numbers above but are part of the total

As of 4/30/09

Monthly StS Smolt Summary Sheet

Wallowa	On Hand (end of month)			Received (this month)		Liberated (this month)	
	Number	Pounds	No/Lb	Number	Pounds	Number	Pounds
5607	0	0	0.00	112,188	31,550	370,403	97,023

Big Canyon	On Hand (end of month)			Received (this month)		Liberated (this month)	
	Number	Pounds	No/Lb	Number	Pounds	Number	Pounds
5607	2,658	778	3.42	140,173	43,030	282,021	79,113

Little Sheep	On Hand (end of month)			Received (this month)		Liberated (this month)	
	Number	Pounds	No/Lb	Number	Pounds	Number	Pounds
2907	0	0	0.00	0	0	4,733	1,125