

MAGIC VALLEY HATCHERY

Monthly Narrative Report

February 2010

Rick Lowell

BROODYEAR 2009 PRODUCTION

A total of 1,880,428 eyed eggs have been received for Brood Year 2009. Current inventory of fingerlings after marking is 869,706 Dworshak stock, 527,086 Pahsimeroi Stock, 95,591 USB Stock, and 118,602 Sawtooth Stock. Our combined average size is 6.9 fish per pound. Feed conversion to date is approximately 0.96. Current inventories reflect an additional 0.5 % reduction to compensate for hidden mortality.

BROODYEAR 2009 HAYSPUR PRODUCTION

Magic Valley Hatchery received 1,061,060 eyed rainbow triploid eggs from Hayspur hatchery in December. A total of 938,782 Hayspur triploid Rainbow and Kamloop fingerlings at an average size of 484.1 fish per pound were transferred to Hagerman State hatchery for an overall survival of 88.50%.

FISH HEALTH

Fish Pathologist Doug Munson performed the annual preliberation assessments on February 9th. Doug also met with hatchery personnel on the 10th to review our HACCP document.

SUMMARY

Hatchery personnel completed the following projects and activities during February:

- Completed repairs on our small propane powered fork lift.
- A local HVAC contractor replaced an electronic actuating valve for our water chilling unit.
- Brandon Filloon attended the NET DMR training.
- Tom Tighe, Wade Symons, and Brandon Filloon attended fork lift training at Niagara Springs Hatchery.
- Wade Symons received his annual performance evaluation.
- Rick submitted his annual self evaluation.
- Performed dissolved oxygen and saturation monitoring. Dissolved oxygen was measured above 6.3 below the second deck on the heaviest loaded raceways.
- LSRCP evaluation biologist Carl Stiefel and fish geneticist Matt Campbell met with hatchery personnel to discuss Parental Based Tagging.
- Rick attended the LSRCP Salmon River AOP meeting.

- New Carpet was installed in all 4 residences.
- All west side vats were pressure washed and Koch rings cleaned.
- Tom Tighe gave a Trout in The Classroom presentation to the St. Edwards 2nd grade class.
- Brandon Filloon reviewed EPA/DEQ documents with the hatchery crew in preparation for an inspection.
- A local contractor completed work on finishing taping and texturing the basements in residences A, B, and D.
- Began painting residence basements.
- Hatchery flows on February 26th were measured at 75.4 cfs. Water Right is 125.59 cfs. The rate of decline in flow appears to be slower than projected. Therefore we may have enough water to maintain a normal release schedule.
- A local contractor began the installation of two new frost-free hydrants on the south side of the raceways.
- Purchased a new break room refrigerator and mortality disposal chest freezer.

UPCOMING PROJECTS/EVENTS

- Continue with miscellaneous landscaping.
- Submit annual Tier Two Homeland Security report.
- Complete all preparations for smolt hauling.
- Disinfect and prepare incubation room for BY 2010 steelhead eggs.

NEW ZEALAND MUDSNAIL OBSERVATIONS

We have not observed Mudsnaills in any of the hatchery rearing containers.

