

MAGIC VALLEY HATCHERY

Monthly Narrative Report

December 2008

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BROODYEAR 2008 PRODUCTION

Current inventory of pre-smolts is 729,445 Dworshak stock, 382,238 Pahsimeroi Stock, 445,089 Sawtooth Stock, 69,319 East Fork Natural Stock, and 58,519 USB stock. Our combined average size is 9.6 fish per pound. Feed conversion to date is approximately 0.78. Current inventories reflect an additional .5 % reduction to compensate for hidden mortality.

BROODYEAR 2008 HAYSPUR PRODUCTION

After receiving 1,019,037 eyed rainbow triploid eggs from Hayspur hatchery earlier in the month, current inventory of Hayspur triploids at the end of the month totals 907,948. Average size is 3,445.9 fish per pound.

FISH HEALTH

All outside raceways continued with single digit daily mortality during December. We have observed some symptoms of sore-back; however the severity continues to be less than in previous years.

SUMMARY

Hatchery personnel completed the following projects and activities during December:

- Completed and submitted Tom Tighe's annual performance evaluation.
- Performed trouble-shooting and repairs to the electric Cushman cart.
- Loaned our three-point mower attachment and 17' implement trailer to Magic Valley Region Cottonwood WMA.
- Provided personnel to assist with spawning at Hayspur hatchery.
- Viewed Safety videos.
- Rangens personnel provided a complimentary lunch for hatchery personnel.
- Coordinated PIT tag planning with Nampa Research personnel.
- Spent several days plowing snow.
- Coordinated proposed production swaps with Hagerman National Hatchery.
- Received and responded to safety inspection reports.
- Hatchery flows on December 29th were measured at 82.4 cfs. Water Right is 125.59 cfs. **As a reminder, 4 cfs is being diverted to Crystal Springs hatchery.** Therefore, a potential total of 86.4 cfs would be available. 82.4 cfs was measured on December, 28th 2007.
- Submitted annual Nitrate/Nitrite domestic and production water samples.

UPCOMING PROJECTS/EVENTS

- Continue with miscellaneous landscaping.
- Replace hatchery heat pump/irrigations system pumps.
- Submit annual EPA, Tier Two Homeland Security, and Water Flow reports.

NEW ZEALAND MUDSNAIL OBSERVATIONS

We have not observed Mudsnaills in any of the hatchery rearing containers. Hatchery personnel cleaned and thoroughly inspected the intake canal for Mudsnaills. After several sampling attempts of aquatic vegetation, only three individual snails were observed. No snails were observed on hard or concrete surfaces.