

MAGIC VALLEY HATCHERY

Monthly Narrative Report

March 2009

Rick Lowell

BROODYEAR 2008 PRODUCTION

Current inventory of smolts is 715,853 Dworshak stock, 375,851 Pahsimeroi Stock, 437,533 Sawtooth Stock, 67,988 East Fork Natural Stock, and 57,504 USB stock. Our combined estimated average size is 4.9 fish per pound. Feed conversion to date is approximately 0.90. Current inventories reflect an additional .5 % reduction to compensate for hidden mortality.

FISH HEALTH

For the most part, fish health remained very good during March. We have observed short term mortality spikes (approx 100 fish or less) of 24 to 36 hours in duration randomly located in raceways. We continue to hypothesize that these mortality events are related to gas super saturation.

SUMMARY

Hatchery personnel completed the following projects and activities during March:

- Rick and Tom attended the LSRCP annual meeting and one day at AFS.
- Completed installation of New Toilets and Sinks in Residences A, B, and D basements.
- Received new contract cell service.
- Hosted the Muckers & Truckers meeting barbeque.
- A local contractor excavated and repaired the two inch high pressure line servicing residence A.
- Performed maintenance and thorough cleaning of the north feed bin metering valve.
- Tom Tighe attended Leadership training at CSI.
- Repaired the upstairs toilet in Residence A.
- Applied several hundred pounds of salt to raceways that have excessive algae.
- Took our secondary computer in to IT for virus removal and Microsoft 2007 installation.
- Installed Microsoft 2007 in our primary computer.
- Disinfected the three tankers used for Coho transportation.
- Installed new numbers on vat packed columns 11 through 20.
- Ordered new waders for the crew from Cabelas.
- Test ran the fish pump and water chiller.
- Purchased four new raceway scrapers.
- Repaired crowd racks.
- Disinfected vat room.
- Hatchery flows on March 31st were measured at 77.7 cfs. 80.0 cfs was measured on March, 24th 2008.
- Ordered and received 14 oxygen bottles for fish hauling.
- Nampa research personnel performed CWT retention checks.

UPCOMING PROJECTS/EVENTS

- Continue with miscellaneous landscaping.
- Replace hatchery heat pump/irrigations system pumps.
- Tom Tighe attending the next module in leadership training.
- Begin smolt transportation on April, 6th.
- Daily loading and prep for smolt transportation.
- Set up incubators for receiving eyed eggs.
- Continue algae scraping in raceways with excessive growth.

NEW ZEALAND MUDSNAIL OBSERVATIONS

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