

MAGIC VALLEY HATCHERY

Monthly Narrative Report

April 2010

Rick Lowell

BROODYEAR 2009 PRODUCTION

All smolt transportation has been completed as of this writing. April's production summary will reflect the completion of smolt transportation. Final release inventories are: 864,160 Dworshak stock, 522,709 Pahsimeroi stock, 117,883 Sawtooth stock, and 95,023 Upper Salmon B stock. Our combined average size is 4.82 fish per pound for a total weight of 331,898 pounds. Feed conversion for the entire brood year was 0.99.

FISH HEALTH

Fish health remained very stable during April releases. However, we did observe a couple of mortality spikes associated with sudden drops in barometric pressure. Hatchery personnel were able to monitor and respond to one of the barometric drops during a rapidly approaching storm. Suspecting a gas saturation increase, hatchery personnel using a Saturometer, began monitoring saturation at 15 minute intervals. Through manipulation of the hatchery intake valve and adjusting the water level in the headrace, we were able to decrease saturation from >105% to <101%.

SUMMARY

Hatchery personnel completed the following projects and activities during April:

- Began smolt transportation on April 5th.
- Reinstalled disinfected Koch rings in all vat packed columns, and jump screens.
- Test ran the water chiller.
- Lubed the traveling bridge.
- Initiated repairs to the oxygen system on one of the transport tankers.
- Bob Belveal responded to the tanker problems and performed repairs to the oxygen system on two of the tankers.
- Received new broom handles and brushes for BY- 2010.
- Rick attended two NetDmr seminars.
- Provided one tanker to Sawtooth Hatchery for their Yankee Fork chinook smolt transport.
- Turned on hatchery irrigation system.
- Wade Symons and Brandon Filloon, traveled to Boise for the assistant hatchery manager interviews.
- Bob Belveal picked up the old manual marking trailer and returned it to the Eagle Truck compound.
- Removed the LHO box from raceway 10W.

- Hatchery flows on April 5th were measured at 73.1 cfs. Water Right is 125.59 cfs. 77.7 cfs was measured on April, 5th 2009. If Magic Valley hatchery had four cfs from the Crystal Springs Hatchery, we would be at the same flow as the same time last year.
- Rick travelled with Neil Ring to the McNabb release site and Jeff Walker travelled with another driver to the Pahsimeroi Trap.

UPCOMING PROJECTS/EVENTS

- Continue with miscellaneous landscaping.
- Submit annual Tier Two Homeland Security report.
- Pressure wash and disinfect outside raceways to prepare for Brood Year 2010.
- Receive all Dworshak B and Pahsimeroi A eggs.
- Submit IDF&G FY-2012 budget and the LSRCF FY-2011 budget.

NEW ZEALAND MUDSNAIL OBSERVATIONS

We have not observed Mudsnaails in any of the hatchery rearing containers for the entire Brood Year.

