



Oregon Department of Fish and Wildlife

"DRAFT"

Oregon Hatchery Research Center (OHRC) Monthly Progress Report

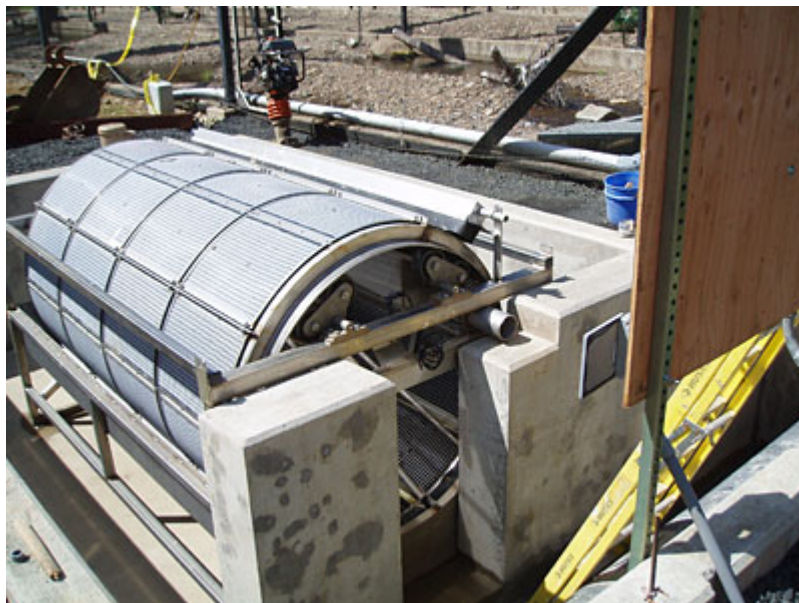
Month: April 2010

Author: Ryan Couture

Date: 6/4/10

Facility Issues

- Elk Mountain Construction has finished installation of the facilities drum filter. The unit filters 3800gallons per minute to 37 microns ("pretty darn clean"). This provides filtered water to the tanks, raceways and wet-lab. We will begin a shed to cover the filter in the next few weeks.
- A semi-annual inspection from the Oregon State University Institutional Animal Care and Use Committee (IACUC) took place this month. The committee found no animal care issues of concern to report. This is a RARE occurrence and is only the second time it's occurred at OHRC.
- Technicians from Qwest were here this month working on a bid for wireless internet at OHRC. This would provide wireless access for staff as well as a public network for students, visiting scientists as well as visitors attending public meetings.



Fish Handling/Research Projects

-The third and final spawn took place at Alsea Hatchery this month to take eggs from hatchery and wild Siletz STW for two OSU projects. One project related to egg size differences between stocks and long term effects of egg size. The other project will investigate effects of extreme temperature treatments on sex differentiation (i.e. can fish that are genetic female become males from temperature increases or decreases). This is common in non-salmonid stocks.

-Ryan assisted Camille Leblanc with the smolt tagging project by operating the drift boat in three sections of the Alsea setting acoustic tag receivers. Six receivers were set during that trip in three different river locations.

-FINAL Adult trap numbers are:

	Chinook	Coho	Steelhead
2009-'10 (season total)	55	414	97 wild 33 hatchery
2008-'09 (season total)	40	115	166 wild 30 hatchery

Outreach & Education

-OHRC hosted Teachers as Watershed Educators workshop this month. The workshop was led and by Kari O'Connell from Oregon Natural Resources Education Program from the College of Forestry, Oregon State University

-The first year Fisheries Technology Class from MHCC visited OHRC this month. The group toured the facility and assisted with working fish in the smolt trap in Fall Creek identifying and measuring juvenile salmonids. Camille Leblanc, an OSU graduate student working on the smolt tagging study in the Alsea, gave a 20 minutes PowerPoint showing the results from the smolt tagging study last year. We may have convinced at least one of the MHCC students may perform their field project at OHRC next fall.

-OHRC staff assisted with Forest Camp at Camp Tadmor this month. Despite the rain, the kids (and staff) seemed to have a great time. OHRC staff assisted with the challenge course, fish anatomy as well as angling and knot tying classes.

-Scott Walters, a student from the Oregon Coast Community College, started his 10-week practicum at OHRC this month. Scott will work side-by-side with OHRC staff and scientists one day each week for the length of the practicum.

-The first and second grade class from Zion Lutheran School in Corvallis visited OHRC this month. The class dissected juvenile fish and make fish prints to take home with them.

-Brooke Penaluna, an OSU PhD candidate, brought her Field Collecting class to OHRC this month. The class assisted with handling adult fish in the trap and electro fishing in Carnes Creek.

Miscellaneous

-Ryan met with Alsea Hatchery, Salmon River Hatchery, Fish Health, Bob Buckman and Manny Farinas to start work on the mid-coast section of the Coastal Hatchery Reform.

-Ryan filled in for Manny at the Region Administrative Team (RAT) meeting this month. Ryan, Shaun Clements, Tim Schamber, Luke Allen and Erik Withalm developed and presented an update on ODFW's triploid trout program. The presentation covered NW region hatcheries triploid trout efforts as well as research at OHRC.