CLE ELUM SUPPLEMENTATION AND RESEARCH FACILITY

MONTHLY PROGRESS REPORT (November 1, 2008 – November 30, 2008)

DATE: DECEMBER 9, 2008
TO: MEL SAMPSON
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FROM: CLE ELUM SUPPLEMENTATION AND RESEARCH FACILITY

FISH PRODUCTION: Final shocking of eggs was finished in the incubation. Egg enumeration for the 2008 brood was completed and the eggs are being incubated in 38 degree Fahrenheit chilled water.

Don Larsen of NOAA made a request of eggs for research purposes and was able to acquire supplemental line eggs 10,555. Estimated density at the time of ponding in Mid-March of 2009 is approximately 43,869 fry per raceway after calculating an average fry loss of 2%.

The end of the month totals for the 2007 brood reports 773,807 juveniles on hand with an overall average of 31.4 fish per pound. Tagging continues on the 2007 brood and is on pace to wrap up in early December.

FISH CULTURE: Ponds are cleaned as needed and due to the colder water temperatures, the feeding frequency has been changed to three days a week. All ponds are sampled at the end of the month. Growth for production fish are adjusted accordingly as temperature dictates feeding levels.

Torrential rain on the 12th turned the Yakima River extremely turbid. Fish tagging operations were halted and the ensuing conditions at the facility intake screens became a concern. Water flow to the wet well became restricted so the decision was made to shut the surface water (river) pumps down and turn on well pumps #1, #4 and #6 to run water to the facility head box. This operation continued for twenty-four hours at which point normal operations were optimal and fish tagging resumed, although the river didn't clear up enough to feed the fish until the 17th.

WATER PRODUCTION: The current combined well and river water supply to the complex is 14,822 gallons/minute. Well #2 is pumping water at a rate of 530 gallons per minute. All four river pumps are in operation and pumping 14,292 gallons/minute.

ACCLIMATION SITES: Cle Elum staff has been working to prep the acclimation sites for the upcoming fish transfer before the snow falls. Thermographs at each site are changed weekly. AMB Tools performed routine maintenance on the compressor and Brown and Jackson pumped out the septic tank at the Jack Creek acclimation site.

VEHICLE MAINTENANCE: Snow tires are now on all vehicles and snow blowers were installed on the John Deere tractor and lawn tractor. The snowplow was also installed on the Ford one ton. The four Snowmobiles were serviced by Yamaha Jacks of Ellensburg.

MAINTENANCE BUILDING MAINTENANCE: Clean up occurs on Fridays of each week.

HATCHERY BUILDING MAINTENANCE: Water has been turned on to vertical incubator islands one and two. After eggs were transferred to vertical stacks cleaning of troughs began. WDFW crew inventoried eggs from isolettes and then transferred them to the vertical incubators.

RIVER PUMP STATION MAINTENANCE: All four pumps are in operation and supplying the facility with 14,292 gallons/minute of water to rearing ponds.

WELL FIELD MAINTENANCE: Well pumps #1, #4 and #6 were turned on to supplement water flow to the facility as mentioned previously. Well #5 was powered up but a winterizing valve malfunction wouldn't allow operation, we are currently working on it at this time. Well #2 is pumping 530 gallons per minute and supplies well water to incubation and chiller. The pumps meter is recorded weekly. Test holes are monitored weekly and results are faxed to CH2MHILL afterward.

SAFETY AND TRAINING: Ice melt and sand bags are popular items at the facility this month as freezing temps cause ground to become slippery and hazardous.

GROUND: Van Alden's Plumbing installed a new commode in resident house #411 and also inspected a plumbing problem at resident #1131. Cle Elum staff along with WDFW staff worked to locate the spawning channel building back to the position it was at to have Greg Wallace of Wallace Electric hook electricity back up to the spawning shed.

MEETINGS AND TOURS: Charlie attended a policy meeting at Cle Elum on the 18th. The Internal projects annual review took place at Cle Elum on the 19th and 20th. Bill Bosch continues to visit monthly to incorporate data into the YKFP data base.

PERSONNEL: IHS employees traveled to Cle Elum to administer flu shots to YN staffers and families as well as WDFW staffers.