

Monthly Activity Narrative

Hotchkiss National Fish Hatchery (HNFH)

July 2020

Mitigation/Recreational Fish Production:

- A virtual Environmental Audit was conducted this month by Environmental Compliance Coordinator, Markham Kearns and Project Leader Eaton. The Hazcom Plan, asbestos, and pesticide usage plan (PUP) were some of the main topics covered.
- Rainbow trout (261,600) reared in the nursery were moved to the outside raceways. This



is done by hand netting fish from tanks and loading fish into a tanker truck then driven and placed into a prepared raceway. These fish will grow in the upper two banks of raceways, until fish in the three lower raceway banks are stocked later this fall, when they

will be moved to the three lower banks.



Species	Strain	Number	Weight	Fish/lb.	Size/in
RBT	ARD-ENN-19	90,700	10,522	8.62	6.62
RBT	SSD-ENN-20	149,970	15,573	9.63	6.46
RBT	SSD-WSS-20	261,600	4,925	53.12	3.61
TOTAL Fish		502,270	31,020		

Below table shows fish currently on station at the end of July.

RBT= Rainbow Trout: FLD= Fish Lake Domestic, SSD= Shasta Domestic, ARD=Arlee Domestic, HxH= Hofer x Harrison (Colorado Strain), BNT= Brown Trout: PRD=Plymouth Rock Domestic. ENN- Ennis NFH, and WSS= White Sulphur Springs NFH.

Fish Health:

- All fish on station are doing well. No mortality issues.

Hatchery Maintenance

- **Sand Settling Basin Reconfigure Project.** Kissner, General Contractor Inc. was awarded the project and work continued throughout July. Regional Engineer, Jason Crownholm and Stantec Engineer, Kris visited the project site to inspect a concrete



form/rebar configuration to make sure it was to design before concrete was poured. Kissner passed inspection.

- Two of our three government quarters had tenants retire and left these quarters vacant. Work is being done on one of the quarters. Our YCC crew is painting the walls and ceiling making it ready for new tenants whenever that may occur. Later the old carpet will be removed and floor laminate will replace the carpet.
- Nursery tank house was entirely disinfected and powerwashed and is ready for eggs to arrive in late November.
- New low head oxygenators (LHO) were ordered to replace 15 outside raceways LHOs. These oxygenators were badly in need of repair and were not performing properly.



- Three production water degas chamber columns were ordered and received. These three will go with three other columns that we ordered last year to revamp the degassing chamber making nitrogen stripping more efficient. High nitrogen levels in our

production water has hampered fish health at Hotchkiss NFH since 1968. Current packed columns are not performing as they should and have corroded to a point of having to be replaced which will occur later this summer.

Personnel

Current employees at Hotchkiss NFH for the month are as follows:

Craig Eaton – Project Leader

Dominic Giordullo – Bio Science Tech

Katelynn Russell- Seasonal-Bio Science Tech

Youth Conservation Corps (YCC) employees: Dalton Lopes and Aaron Hoover both from Delta, CO.