



Ennis National Fish Hatchery

November Monthly Report
2019



Arlee Spawning



- Hatchery staff began spawning the Arlee strain of Rainbow trout mid October. During the month of November, **1,440,000 eyed eggs** were provided to state and federal hatcheries and a USGS research facility. **125,000 eggs** will be used to support tribal fisheries programs. **3,950 eggs** were also provided to the Trout in the Classroom kids educational program, mostly for Colorado and Montana classrooms. Staff spawned and produced **125,000 triploid (3N) eggs** for Willow Beach National Fish Hatchery and Saratoga National Fish Hatchery.



Tank Room Project



Contracts were signed and logistics ironed out to start the mold/asbestos remediation project in our early rearing building. This is a very large project of removing and replacing all of the insulation and black mold covered asbestos paneling from the ceiling and walls. Materials will be replaced with spray-foam insulation and mold/mildew resistant drywall and paint.

Vandalism



On October 28, as staff began the daily duties of feeding and caring for our adult broodstock, they discovered vandalism in both the upper and lower raceway buildings. Damage included broken equipment, miscellaneous items thrown in raceways and the brutal killing of about 40 adult Rainbow trout broodstock. Other destruction included the breaking of the glass visitor center door and the removing of raceway screens and crowders in an attempt to release fish. The story was posted on social media and went viral. It was then covered by state, local and national news.

The silver lining

The national attention we received resulted in increased public awareness of the facility and our program. Ennis NFH was offered overwhelming support from individuals and communities nationwide.



Strain	Lot #	Number of fish	FPP	Length in inches	Total weight per raceway	Monthly Mortality
McConaughy	RBT-MCD-17-ENN	198	0.2	23.2	990	4
McConaughy	RBT-MCD-18-ENN	1195	0.5	17.1	2390	0
McConaughy	RBT-MCD-19-ENN	758	4.53	8.2	167	1
Arlee	RBT-ARD-18-ENN	1549	1.26	12.6	1229	0
Arlee	RBT-ARD-17-ENN	2687	0.3	20.2	8957	160
Fish Lake	RBT-FLD-18-ENN	2798	0.52	16.9	5389	2
Fish Lake	RBT-FLD-17-ENN	339	0.36	19.1	942	0
Fish Lake	RBT-FLD-19-ENN	2797	3.49	8.6	801	3
Erwin x Arlee	RBT-EED-17-ENN	368	0.4	18.4	920	4
Erwin x Arlee	RBT-EED-18-ENN	2870	0.96	13.7	3005	1
Shasta	RBT-SSD-17-ENN	370	0.2	23.2	1850	4
Shasta	RBT-SSD-18-ENN	1890	0.3	20.3	6303	6
Shasta	RBT-SSD-19-ENN	999	1.81	11.1	552	1
Eagle Lake	RBT-ELD-17-ENN	511	0.2	23.2	2555	9
Eagle Lake	RBT-ELD-18-ENN	3500	0.4	18.4	8751	7

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● Employee Development

- Jim McFall participated in a MAT Team project at Fish Springs National Wildlife Refuge in UT and gained valuable experience in building and construction
- Kristen Cook continued her Masters Degree work with Western Pearlshell

● Upcoming Activities

- Eagle Lake, Shasta and McConaughy Rainbow spawning begins in December
- Mold/asbestos remediation project is set to begin in December
- Largest percentage of annual egg production occurs in December

Contact Information

Hatchery Staff

Ennis National Fish
Hatchery
180 Fish Hatchery Rd
Ennis Mt, 59729
Ph 406-682-4847
Fax – 406-682-7635

- Ron Hopper – Project Leader (acting)
- Kristen Cook – Fish and Wildlife Biologist
- Jared Knott – Biological Technician
- Jim McFall – Biological Technician
- Steve Nelson – Maintenance Worker
- Joe Helseth – Fishery Biologist - We would like to welcome Joe to our team. Joe is our newest staff member who started at Ennis on September 30. Joe comes to us from Coleman NFH.