



# Ennis National Fish Hatchery



AUGUST 2020 MONTHLY REPORT

# Spawning Activities

Erwin x Arlee (EED) spawning continued throughout August. Age 2 – 3 females continue to be spawned with age 2 males. Four spawns occurred in August and a total of 654 females were spawned. Triploid (3N) eggs were produced on 12 August 2020. Eggs were collected from 66 fish and a total of 137,966 net eyed 3N eggs were produced.

# Construction Projects

New egg chillers arrived in August. The chillers will be wired and functioning in the near future.



*Above: New Egg Chillers*

A new water heater was installed in Quarters #4 and construction continued on the water degassing system throughout August.

# Summary of Fish on Station - Raceways

Strain	Lot Number	Number of Fish	FPP	Raceway Weight (Pounds)	Total Length (Inches)	August Mortality
Arlee	RBT-ARD-17-ENN	667	0.32	2,084	19.8	15
Arlee	RBT-ARD-18-ENN	1,492	0.35	4263	19.3	7
Arlee	RBT-ARD-19-ENN	2,204	3.69	597	8.8	48
Erwin X Arlee	RBT-EED-17-ENN	253	<i>0.25</i>	<i>1,012</i>	<i>21.5</i>	29
Erwin X Arlee	RBT-EED-18-ENN	2,689	<i>0.50</i>	<i>5,378</i>	<i>17.1</i>	42
Erwin X Arlee	RBT-EED-19-ENN	2,476	1.18	2,098	12.8	4
Eagle Lake	RBT-ELD-18-ENN	752	0.39	1,928	18.6	12
Eagle Lake	RBT-ELD-19-ENN	3,085	0.57	5,412	16.4	8
Fish Lake	RBT-FLD-18-ENN	360	0.36	1,000	19.1	5
Fish Lake	RBT-FLD-19-ENN	2,817	0.73	3,859	15.1	4
McConaughy	RBT-MCD-17-ENN	216	0.47	460	17.5	7
McConaughy	RBT-MCD-18-ENN	264	0.44	600	17.8	5
McConaughy	RBT-MCD-19-ENN	728	0.72	1,011	15.1	0
Shasta	RBT-SSD-18-ENN	438	0.28	1,564	20.8	7
Shasta	RBT-SSD-19-ENN	981	0.34	2,885	19.5	1

1. *Italic denotes estimate*

# Summary of Fish on Station – Early Rearing Units

Strain	Lot Number	Number of Fish	FPP	Tank Weight (Pounds)	Total Length (Inches)	August Mortality
Eagle Lake #1	RBT-ELD-20-ENN	765	8.32	92	6.7	1
Eagle Lake #2	RBT-ELD-20-ENN	966	8.35	116	6.7	0
Eagle Lake #3	RBT-ELD-20-ENN	807	8.93	90	6.5	0
Eagle Lake #4	RBT-ELD-20-ENN	902	7.59	119	6.9	2
Fish Lake	RBT-FLD-20-ENN	1,958	20.22	97	5.0	2
Harrison L. Wild	RBT-HLW-20-ENN	14,046	170.16	83	2.5	10
McConaughy #1	RBT-MCD-20-ENN	476	9.59	50	6.4	0
McConaughy #2	RBT-MCD-20-ENN	598	11.92	50	5.9	0
McConaughy #3	RBT-MCD-20-ENN	608	12.11	50	5.9	4
McConaughy #4	RBT-MCD-20-ENN	269	11.36	24	6.0	0
McConaughy (Production)	RBT-MCD-20-ENN	31,479	38.44	819	4.0	0
Shasta	RBT-SSD-20-ENN	880	11.66	75	6.0	0

# Summary of Fish Stocking

Date	Lot Number	Location	# of Fish
8/20/20	RBT-MCD-20-ENN	DC Booth NFH	31,479

# Education and Outreach

Nothing to report at this time due to COVID-19.

# Employee Development

Kristen Cook continues to work towards her master's degree.

# Upcoming Activities

- Ennis NFH employees will continue to abide by COVID-19 safety protocol.
- Construction will continue on the water degassing column project.
- Jared Knott will attend CDSO training when it becomes available.
- Joe Helseth will attend wastewater training when it becomes available to perform water quality collection / testing at Ennis NFH.

# Current Hatchery Staff

- Ron Hopper – Acting Project Leader
- Joe Helseth – Fish Biologist
- Kristen Cook – Fish and Wildlife Biologist
- Jared Knott – Biological Science Technician
- Jim McFall – Biological Science Technician

# Contact Information

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