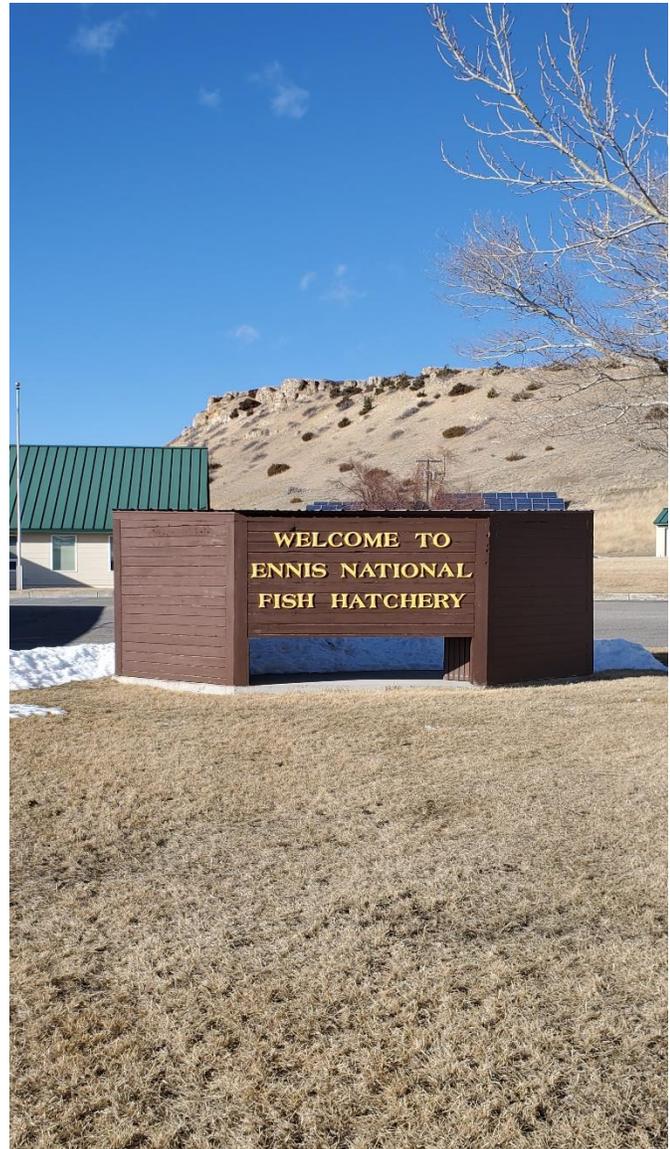


---

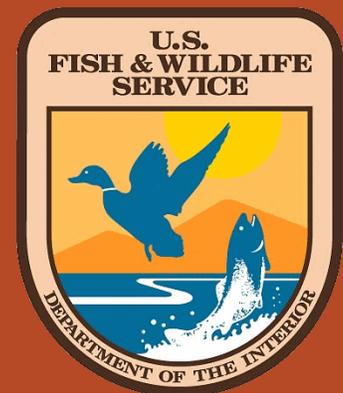
# Ennis National Fish Hatchery

---



MARCH 2020 MONTHLY REPORT

---



---

# Spawning Operations

Only age 2 – 3 Fish Lake strain rainbow trout were spawned in March. The final spawn day for both year classes was on March 25<sup>th</sup>.

Eyed eggs were shipped to multiple state and federal facilities, and to schools for the *Trout in the Classroom* program. Triploid (3N) eggs were produced on March 18<sup>th</sup> and March 25<sup>th</sup>.

An estimated 34,000 3N green eggs were collected from Fish Lake strain in March. These eggs are pending inventory.

Multiple egg shipments were cancelled due to COVID-19. Shipments include:

- Cherokee Tribal Fish Hatchery: 100,000 eggs
- Trout in the Classroom – Colorado: 250 eggs
- Trout in the Classroom – Utah: 400 eggs

Table 1. Summary of March, 2020 spawning operations at Ennis National Fish Hatchery.

Strain	Lot Number	Net Eyed Eggs <sup>1</sup>	Estimated Eggs <sup>2</sup>	Fecundity <sup>3</sup>
Fish Lake	RBT-FLD-17-ENN	116,267	69,000	2,194
Fish Lake	RBT-FLD-18-ENN	171,153	54,000	1,860
<b>Total</b>		<b>287,420</b>	<b>123,000</b>	

1. Net eyed eggs includes diploid eggs from March 4<sup>th</sup> and 11<sup>th</sup> spawns.

2. Estimated eggs includes diploid and triploid eggs from March 18<sup>th</sup> and 25<sup>th</sup> spawns.

3. Fecundity estimates are for March 4<sup>th</sup> and 11<sup>th</sup> spawns. March 18<sup>th</sup> and 25<sup>th</sup> spawns are pending inventory.

# Summary of Fish on Station

Strain	Lot Number	Number of Fish	FPP	Raceway Weight (Pounds)	Total Length (Inches)	March Mortality
Arlee	RBT-ARD-16-ENN	332	<i>0.25</i>	<i>1,328</i>	<i>21.5</i>	24
Arlee	RBT-ARD-17-ENN	727	<i>0.40</i>	<i>1,783</i>	<i>18.4</i>	14
Arlee	RBT-ARD-18-ENN	1,514	0.75	2,704	16.5	0
Erwin X Arlee	RBT-EED-17-ENN	351	0.29	1,210	20.5	6
Erwin X Arlee	RBT-EED-18-ENN	2,845	0.56	5,080	16.5	9
Erwin X Arlee	RBT-EED-19-ENN	2,550	5.34	478	7.8	2
Eagle Lake	RBT-ELD-17-ENN	334	<i>0.40</i>	<i>835</i>	<i>18.4</i>	27
Eagle Lake	RBT-ELD-18-ENN	1,649	<i>0.50</i>	<i>3,298</i>	<i>17.1</i>	42
Eagle Lake	RBT-ELD-19-ENN	3,054	1.17	2,610	12.9	7
Fish Lake	RBT-FLD-17-ENN	232	<i>0.30</i>	<i>773</i>	<i>20.3</i>	32
Fish Lake	RBT-FLD-18-ENN	2,571	<i>0.40</i>	<i>6,248</i>	<i>18.4</i>	89
Fish Lake	RBT-FLD-19-ENN	2,775	1.29	2,151	12.5	0
McConaughy	RBT-MCD-17-ENN	258	<i>0.25</i>	<i>1,032</i>	<i>21.5</i>	12
McConaughy	RBT-MCD-18-ENN	302	<i>0.40</i>	<i>755</i>	<i>18.4</i>	34
McConaughy	RBT-MCD-19-ENN	737	1.40	526	12.1	2
Shasta	RBT-SSD-17-ENN	354	<i>0.20</i>	<i>1,770</i>	<i>23.2</i>	28
Shasta	RBT-SSD-18-ENN	664	<i>0.30</i>	<i>2,213</i>	<i>20.3</i>	24
Shasta	RBT-SSD-19-ENN	992	0.67	1,481	15.5	1

1. *Italic denotes estimate*

---

# Construction Projects

Work continued on the degassing column project in the upper raceway building. Construction of this project will be a primary focus over the upcoming months.

# Education and Outreach Activities

On March 11<sup>th</sup>, 2020 hatchery staff presented a tour to approximately 12 students from Harrison High School. Students were given a thorough tour of the facility and were able to view spawning operations.



*March 11, 2020: Class from Harrison School viewing spawning.*

Jeremy Hall - UTDWR was scheduled to perform a 7 day work detail at Ennis NFH. Unfortunately this was cancelled due to COVID-19 safety protocol.

---

# Employee Development

Ron Hopper – Acting Project Leader attended *New Supervisor Training* from March 1<sup>st</sup> – 7<sup>th</sup>. The training was held at the IR 5/7 regional office in Lakewood, CO.

## Upcoming Activities

- Employees will continue to abide by COVID-19 safety protocol.
- Construction will continue on the degassing column project.
- Work will begin on the mold / asbestos remediation project in the east side of the incubation building when eggs are absent from the area.

## Current Hatchery Staff

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

## Contact Information

Ennis National Fish Hatchery

180 Fish Hatchery Rd.

Ennis, MT 59729

Phone: 406-682-4847

Fax: 406-682-7635