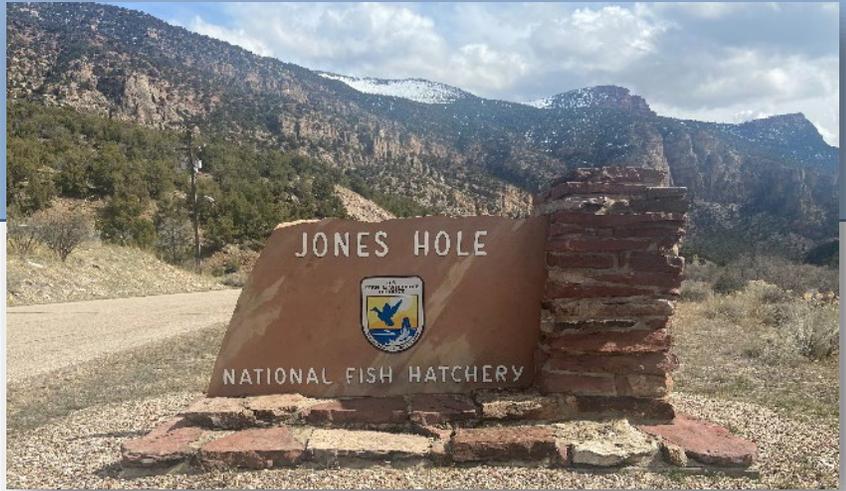


Jones Hole National Fish Hatchery

JULY 2020 MONTHLY REPORT



Fish Production

Outside Raceways

Species	Lot	Number	Fish/lb	Length (inches)	Weight (lbs.)	Mortality
Tiger Trout	BNT/BKT-ZZD-19-UT	8,356	27.08	4.52	309	24
Rainbow Trout (McConaughy Strain)	RBT-MCD-20-ENN	24,589	20.81	4.93	1,182	26
Bear Lake Bonneville Cutthroat Trout (Lot 1)	CUT-ZZD-20-UT	159,057	205	2.36	776	243
Totals		192,002			2,267	293

Inside Tank Room

Species	Lot	Number	Fish/lb	Length (inches)	Weight (lbs.)	Mortality
Bear Lake Bonneville Cutthroat Trout (Lot 2)	CUT-ZZD-20-UT	123,869	286	2.11	433	624
Bear River Bonneville Cutthroat Trout	CUT-ZZD-20-WY	325,621	384	1.92	848	2,744
Totals					1,281	3,368

Fish Culture Activities

- Hatchery staff were busy during the month of July doing routine fish culture and pressure washing the fifty outside raceways in preparation for the transfer of fish from the hatchery tank room to outside raceways. The raceways will be disinfected prior to transferring fish into them.
- The first lot of Bear Lake Bonneville Cutthroat trout were moved from twelve tanks inside to three outside D bank raceways.
- The tiger trout and rainbow trout lots were moved from three A bank raceways to three larger D bank raceways to reduce their density.



Grant Raasakka pressure washing raceways.



Kimber Mcgehee and Kyle Trenda cleaning Bear River Bonneville Cutthroat tanks. Tanks are cleaned daily as part of the fish culture routine.



Grant Raasakka (standing on truck) and Kyle Trenda loading Bear Lake Bonneville cutthroat trout into stocking truck. The truck was used to move the fish from inside to outside raceways.

Distribution

Water Body	Species	Number	Fish/lb	Length (inches)	Weight (lbs.)	
Flaming Gorge Reservoir	Bonneville Cutthroat Trout	40,820	5.76	7.92	7,092	
Scofield Reservoir	Bonneville Cutthroat Trout	6,837	3.54	9.3	1,931	
Upper Heebecheechee	Tiger Trout	1,000	27.02	4.52	309	
BCD Lake 15	Tiger Trout	200	27.02	4.52	7	
BCD Lake 17	Tiger Trout	1,286	27.02	4.52	47.59	
Totals		50,143			9,387	1,282

Stocking Summary

- The hatchery staff completed stocking the remaining 2019 fish lots into Flaming Gorge and Scofield Reservoirs. The hatchery’s new biological science technician Grant Raasaaka has already become a great asset to the hatchery by having his commercial drivers license. Grant did the majority of the stocking trips this month.
- Tiger Trout were stocked on the Wind River Indian Reservation at the end of the month. Staff at Jones Hole travelled to Lander, Wyoming with the tiger trout in the hatchery’s two tank fish distribution truck the first day of the stocking trip. Then on the second day, they travelled to a landing site where a helicopter was used to stock the tiger trout into remote high mountain lakes.



Helicopter on the way to high mountain lakes, on the Wind River Indian Reservation, carrying tanks containing



Grant Raasakka stocking fish into Flaming Gorge Reservoir.

Maintenance

- This month there were several deferred maintenance projects at the hatchery completed by contractors. The first project was the repair of pipes that provide water to B and C bank raceways. Water was leaking from these pipes creating sinkholes in the pavement and at several locations water seeped to the surface. At the C bank reuse water control structure, water seeped to the surface and created a wet area which could have provided habitat for New Zealand Mudsnaails. New Zealand mudsnails are an aquatic invasive species and they are found in Jones Creek below the hatchery. The pipe repair at this site helped to reduce the threat of an introduction by these snails into the hatchery.
- As part of the pipe repair project, an overflow pipe was rerouted from the public drinking water pumphouse so that the hatchery is in compliance with its public drinking water permit. This pipe reroute was completed so that there are no cross connections between the drinking water and fish production water. The new rerouted pipe has an air gap at the outflow end to prevent backflow of hatchery water into the drinking water system.
- A second deferred maintenance project was started with an investigation to determine the locations of all drinking water pipes on the hatchery and to identify where the system is leaking. The contractor will be providing a report that will then be used to determine the next steps to repair the drinking water system. Cameron Christiansen, a contract maintenance worker from Browns Park National Wildlife Refuge, assisted the contractor by excavating and exposing the outside of the hatchery's 40,000 gallon drinking water storage tank. Cracks on the outside of the concrete storage tank were leaking water.



Repair of leaking pipe at the C bank raceways reuse water control structure.



Excavation of drinking water overflow pipe so that the pipe can be rerouted away from fish production water.



The 40,000 gallon water storage tank was exposed and cracks in the concrete were found to be leaking water.

Partnerships and Employee Development

Outreach/Education:

- The Uintah County library continues to participate in trout in the classroom program and has been maintaining a 55 gallon tank with rainbow trout in the library lobby. Jones Hole, Trout Unlimited, and Utah Division of Wildlife are in partnership with this program.

Upcoming Activities:

- Transferring Bear Lake Bonneville cutthroat trout from the tank room to D9 and D10 raceways.
- Split Bear River Bonneville cutthroat trout inside tanks from twenty to forty tanks to reduce fish density.
- Complete routine summer maintenance projects including painting, mowing and weed trimming, recaulking of outside raceway expansion joints, and preventative maintenance on vehicles.

Staff	
Project Leader	Vacant
Fish Biologist	Travis Anderson
Biological Science Technician	Grant Raasakka
Biological Science Technician	Kyle Trendera
Seasonal Biological Science Technician	Stephanie Harding
Biological Science Aid	Kimber Mcgehee
Maintenance Mechanic	Vacant



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