



Mora National Fish Hatchery

October 2014

Whiskey Creek Recovery Stocking

Mora stocked 5,176 Whiskey Creek lineage fish into Upper White Creek in the Gila Wilderness Area. This stocking represents the first time hatchery produced Whiskey Creek lineage fish were released into a recovery stream. The effort was made possible by the coordination between the USFWS, US Forest Service and the New Mexico Department of Game and Fish.



New Hatchery Sign

Hatchery Staff installed a new facility sign at the hatchery entrance. The old sign was severely weather-beaten and still listed the hatchery as a technology center. The new sign looks great!

Watershed Olympics

Nate Wiese and Jeff Conway represented the hatchery at the 3rd annual Gallinas Watershed Olympics held on October 4 in Las Vegas, NM. The hatchery supplied our living stream with Gila trout and educated interested parties on the recovery program.





Visitor's Center Drain Re-routed

The drain the serviced the isolation system in the Visitor's Center was re-routed to collect the water into the water treatment system instead the facility's septic system. This will decrease the total amount of water "used" by the hatchery.

Tuff Shed Installed

A new storage shed from Tuff Shed was installed for Quarters #2. This will provide valuable storage space for the residents for the hatchery's housing unit.



Recharging Station

Sandy Kalb, Mora's last remaining seasonal volunteer created a battery charging station for the hatchery's cordless power tools. It was a great idea and has really organized that troublesome area. Great Job Sandy!

Main Diamond Recovery Stocking

The hatchery stocked two locations with Main Diamond lineage Gila trout for recovery stocking in October. Sheep Corral received 166 trout at 4.3 inches and 0.03 pounds each on October 20. Black Canyon Creek received 3,167 fish at 4.3 inches and 0.03 pound each on October 23. It also received 205 2013 fish at 10.6 inches and 0.48 pounds each.





Volunteer Departs

Sandy Kalb, Mora's last seasonal volunteer departed the hatchery on October 24. Sandy had previously volunteered in 2013 and has indicated that he may return in 2015. Emersyn Wiese was present for Sandy's award presentation and going-away lunch. Thanks for the help Sandy!

South Diamond Recovery Stocking

Two locations in Arizona were stocked in October with South Diamond lineage Gila trout. The first location was Grapevine Creek and it received 288 trout that were 4.3 inches and 0.03 pounds each. The second location was a new section of Frye Creek that received 288 trout with the aforementioned size. It also received 104 2013 trout at 10.3 inches and 0.44 pounds each.



TMDL Meeting

Hatchery staff met with personnel from New Mexico's Surface Water Quality Bureau regarding the proposed changes in discharge limits for the facility. They were greatly impressed with the facility and were receptive to the hatchery's concerns.

Facebook Page

Mora now has a Facebook page. Please stop by and see the interesting activities that the hatchery is doing. The link is listed below.

<https://www.facebook.com/pages/Mora-National-Fish-Hatchery/1548685905363560>



Stock on Hand



Production Lineage	Brood Year	Purpose	Location	Number	Mortality	Sample (fish/#)	Biomass (#)	Length (Inches)
Main Diamond	2010	Wild	Visitor Center	19	1	0.30	63	20.2
	2011	Brood	Raceway 2B	72	0	0.38	189	17.9
	2012	Brood	Raceway 2T	243	3	0.91	267	13.7
	2013	Brood	Raceway 1T	525	1	1.41	372	12.1
	2013	Recovery	Raceway 1B	197	0	2.00	99	10.7
	2014	Brood	Circular 96	1098	2	30.00	37	4.4
	2014	Recovery	Short Raceway	1888	12	34.20	55	4.2
South Diamond	2011	Brood	Raceway 4B	70	1	0.38	184	18.2
	2012	Wild	Shady Acres	148	0	2.81	52.7	9.60
	2012	Brood	Raceway 4T	258	0	0.91	284	14.0
	2013	Brood	Raceway 3T	425	0	1.41	301	12.1
	2013	Recovery	Raceway 3B	403	2	2.05	197	10.7
	2014	Brood	Circular 30	700	0	30.00	23	4.4
	2014	Recovery	Circular 250	2400	0	35.90	67	4.1
Whiskey Creek	2011	Wild	Whiskey Creek	700	0	30.00	23	4.4
	2014	Brood	Circular 30	700	0	30.00	23	4.4
Spruce Creek	2010	Wild	Spruce Creek	44	0	5.0	9	7.9
	2013	Wild	Spruce Creek	19	0	35.0	1	4.1
	2014	Brood	96	85	0	30.0	3	4.4
	2014	Wild	Spruce Creek	19	0	160.0	0	2.5
Iron Creek	2011	Wild	Shady Acres	41	5	2.00	20.5	10.75

Spruce Creek System

Hatchery staff completed work on the Spruce Creek system in October in preparation for the return of the lineage to the facility. Work included replumbing, installation of natural rearing tanks and installation of a new jockey pump for the degassing system.



In Brief

Nate Wiese teleconferenced with the NCTC Coldwater Fish Culture Course coordination meeting on October 27.

Nate Wiese and Jeff Conway visited Jill Wick, NM Department of Game Fish biologist in Santa Fe on October 28.

Grant Langmaid was married on October 31. Congratulations Grant!

Upcoming Events

- Spruce Creek evacuation on November 3-4.
- Genetic sampling and PIT tagging of the 2014 year class will commence in November.
- Recovery stocking of Willow Creek, NM on November 13-14.
- Recovery stocking of Little Creek, NM on November 18-19.
- Jack Christiansen, R1 Aquacultural Engineer, will visit the hatchery during the week of November 17.

Hatchery Staff

Nate Wiese, Project Leader
Lori Casados, Admin. Assistant
Jeff Conway, Fish Biologist
Grant Langmaid, Fish Biologist
Richie Garcia, Maintenance Worker
Daniel Gallegos, Intern

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