

# Willow Beach National Fish Hatchery Station Update 2010

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C.R.A.B Meeting January 12-13, 2010  
Giovanni Cappelli

# Currently On Station:

- Rainbow Trout: 10 RBT – 81,623 fish  
11 RBT – 86,924 fish
- Razorback Sucker: 07 RBS – 1,163 fish (290mm)  
08 RBS – 6,103 (253mm)  
08 RBS GS – 850 fish (298mm)  
09 RBS – 8,651 fish (195mm)  
09 RBS GS - 1,500 fish (294.4mm)  
10 RBS – 25,751 fish (91.48mm)



# Distribution for 2010:

- Rainbow Trout:



- transferred 57,000 to NDOW (Lake Mead Hatchery)
- 4,000 to Colorado River Indian Tribe
- 4,000 to Yuma Indian Tribe
- 118,000 to Lake Mohave (Willow Beach)
- 24,000 to Davis Camp/Riverside
- 4,000 each month from Oct-March

- Razorback Sucker:



- 11,208 to Lake Mohave ( >300mm)
- transferred 2,163 to NDOW (Lake Mead Hatchery)

# NDOW leaving Willow Beach

- Clyde Parke Retires
- Last RBT stocking in March
- NDOW has a lot of rearing space available






# Quagga Mussel Clean up

- 10 cubic yards of material per head/tail box







## Recirculation System overhaul

- New DE Filter.
- New UV Sterilizer.
- Heat diffuser.
- Rubber lined platform.
- New Jacuzzi pump.
- New Plumbing to solar panels.
- New Air lines



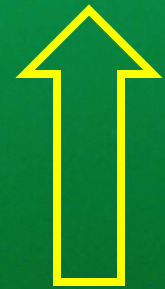
# Rainbow Trout Raceways Improved

- Installation of 8x4 screens to replace headbox screens.
- 900% more surface area for incoming water to pass through.
- Less flow restriction from incoming material.





# Hatchery Intake Issues



UH ooh!





# Future Plans

- RBS Formalin treatment experimentation
  - Protocol= 1 Gal/System
  - Research to maximize treatment effectiveness without killing bacteria in biofilter.
- Automated temperature control for RBS recirculating systems.



# Staff Changes

- Geri Mexicano, our administrative assistant took a position in Pheonix, AZ.
- Angela Baran WBNFH assistant proeject leader accepted the assistant project leader position at Genoa NFH.
- Randall Shine Former Vermont State employee fills term bio-tech position.
- Assistant project leader position in the process of being filled.



A man wearing a white perforated hat and a bright yellow raincoat is shown in profile, kissing a large, dark-colored fish. He is holding the fish with both hands. The setting is an indoor aquaculture facility with blue tanks and a corrugated metal ceiling. A bright light source is visible in the background, creating a lens flare effect.

THANK YOU

QUESTIONS???