Willow Beach National Fish Hatchery
Station Update 2010

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!

BEFORE

AFTER
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 proejct 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.
THANK YOU

QUESTIONS???