



### Achii Hanyo Native Fish Rearing Facility 2011 Station Update Presented by Jake Rice

### Background Information

- Satellite facility of Willow Beach National Fish Hatchery
- Grow-out facility for Bonytail Chub and Razorback Suckers
- 9 earthen ponds ranging in size from .17 to 1.36 acres
- Total of 5.6 surface acres of water





### Work Done in 2011

# 2 new .25 acres ponds (5 and 6) were built. Only pond 6 was used this production season



### 5 Pond Kettle Work



### 2011 Harvest

- Harvest completed over two week span
  - 1<sup>st</sup> week: Harvested Ponds A, B, 1, and 2 with help from Willow Beach Staff
    - All of 2008 and 2009 fish
    - Sorted and sized for tagging the following week

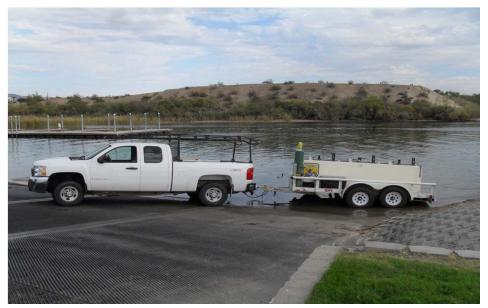




### 2011 Harvest cont.

- Second week: Harvested Ponds 3, 4, 6, and C with help from Willow Beach Staff and Bureau of Reclamation staff in Boulder City, NV
  - All of 2010 fish
  - Fish from previous week were tagged as other ponds were harvested
  - Fish were stocked by Bureau of Reclamation and Willow Beach staff in multiple locations along the Colorado River





### 2011 Harvest Data

Pond (Ac.)	Species / Year	# Stocked	# Harvested	% Survival	% >300mm
1 (0.42)	BTC '09	1795	1167	65.01	80.97
	RBS '09	148	129	87.16	100.00
2 (0.92)	BTC '09	2675	1642	61.38	62.66
	RBS '09	300	209	71.33	97.66
3 (1.36)	BTC '10	1808	1070	59.18	100.00
	RBS '10	2129	529	24.85	100.00
4 (1.14)	RBS '10	1610	540	33.54	98.88
6 (.25)	RBS '10	1000	587	58.70	22.48
A (0.17)	BTC '08	703	85	12.09	81.17
	RBS '09	52	14	26.92	100.00
B (0.26)	BTC '09	809	119	14.71	100.00
	RBS '09	100	8	8.00	100.00
C (0.83)	BTC '10	3500	1590	45.43	09.37
	RBS '10	560	408	72.86	100.00
Totals	BTC	11290	5673	50.25	59.59
	RBS	5899	2429	41.18	80.81

## 2011 Tagging Data

- 2002 > 300mm Razorbacks were pit-tagged and stocked into Lake Mohave
- > 3261 Bonytail Chub were tagged and stocked
  - 500 Bonytail Chub >300mm were pit-tagged and stocked into Lake Havasu
  - Other 2761 Bonytail Chub were wire tagged and stocked in multiple locations

### 2011 Overview

BTC survival in 2011 was 50% vs 64% in 2010

RBS survival in 2011 was 41% vs 52% in 2010

- Number of BTC stocked:
  - 2010 = 3093
  - 2011 = 3261
- Number of RBS stocked:
  - · 2010 = 504
  - 2011 = 2002

### Plans for 2012

- Disking and grading of Ponds 3, A, and B
- Some re-grading of Pond 4
- Kettle work on Pond 6 to fix leak
- Possibly building another .25 acre pond (Pond7)
- Repair of main canal screen (completed)

### THANKS

- CRIT
- USFWS
  - Willow Beach NFH
  - Dexter NFH & TC
  - Uvalde NFH
  - Parker AZCO
- USBR
- USBIA
- All Others





# Questions